

**The annual report made to the Council of the Metropolitan Borough of Greenwich for the year 1921.**

**Contributors**

Greenwich (London, England). Metropolitan Borough.  
Annis, Ernest George.

**Publication/Creation**

London : E. G. Berryman, 1922.

**Persistent URL**

<https://wellcomecollection.org/works/mztm4wjg>

**License and attribution**

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

GRE 24



THE  
ANNUAL REPORT

MADE TO  
THE COUNCIL  
OF THE

Metropolitan Borough of Greenwich

*For the Year 1921,*

BY  
ERNEST GEORGE ANNIS

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

(Barrister-at-Law),

*MEDICAL OFFICER OF HEALTH TO THE BOROUGH,*

*ADMINISTRATIVE MATERNITY AND CHILD*

*WELFARE MEDICAL OFFICER,*

AND

*EXECUTIVE TUBERCULOSIS OFFICER.*

---

London :

E. G. BERRYMAN & SONS, LTD., PRINTERS,

BLACKHEATH ROAD S.E.

1922.

# INDEX OF CONTENTS.

	PAGE
Age Mortality ... ..	14
Analysis of Death Causes ... ..	15
Anthrax ... ..	41
Area of Borough ... ..	9
Articles and Rooms Disinfected ... ..	42
Articles Destroyed ... ..	43
Baby Shows ... ..	54
Bacteriological Examinations ... ..	61
Bakehouses ... ..	29
Births ... ..	9, 12
Blackheath and Charlton Cottage Hospital ... ..	21
Bones and Joints ... ..	20
Books Destroyed ... ..	44
Cancer ... ..	18
Causes of Death ... ..	16-20
Cerebro-Spinal Fever ... ..	40
Children Act, 1908 ... ..	59
Circulatory System ... ..	19
Cleansing Children ... ..	44
Complaints ... ..	21, 72
Constitutional Diseases ... ..	18
Consumption ... ..	10, 45
Contacts ... ..	40
Cowhouses ... ..	28
Customs and Inland Revenue Acts ... ..	24
Dairies, Cowsheds and Milkshops ... ..	28
Deaths, Tables showing Causes of and Ages at ... ..	Appendix
Deaths, Tables showing Causes of and Ages under 1 ... ..	Appendix
Deaths, with Age Mortality ... ..	13, 14
Density of Population ... ..	9
Dental Work ... ..	49, 58
Developmental Diseases ... ..	18
Diarrhœa and Zymotic Enteritis ... ..	17, 40
Dietetic Diseases ... ..	18
Digestive System ... ..	19
Diphtheria ... ..	16, 35
Diphtheria Anti-Toxin ... ..	16
Disinfection ... ..	41
Duties and Powers of the Public Health Committee ... ..	5, 6
Duties and Powers of the Maternity and Child Welfare Committee ... ..	7
Elevation of Borough ... ..	9
Emulsion ... ..	55
Encephalitis Lethargica ... ..	41
Enteritis ... ..	17, 40
Epidemic Cerebro-Spinal Meningitis ... ..	40
Epidemic Diseases ... ..	16
Erysipelas ... ..	17, 36
External Causes ... ..	20
Factories and Workshops ... ..	21-24
Food and Drugs—Samples of ... ..	31-33
Food—Premises for Preparation of, etc. ... ..	29
Glanders ... ..	41
Gonorrhœa ... ..	17





INDEX—continued.	PAGE
Health Centres ... ..	53, 56
Health Visitors, Visits, etc. ... ..	57
Home of Rest for Advanced Cases ... ..	50
Home Work ... ..	23
Horse Slaughterer ... ..	25
Hospital and other forms of Gratuitous Medical Relief ... ..	21
House Drainage ... ..	26
Houses Inspected for Infectious Disease ... ..	44
Houses Let in Lodgings ... ..	25
Housing ... ..	61-66
Hydrophobia ... ..	41
Ice Cream Premises ... ..	31
Ill-defined Causes ... ..	20
Increase of Rent and Mortgage Interest (Restriction Act, 1920 ... ..	25
Infant Consultations ... ..	53, 56
Infantile Mortality ... ..	14 & Appendix
Influenza ... ..	17
Inhabited Houses ... ..	9
Inland Revenue Acts ... ..	74
Insanitary Areas ... ..	61
Institution Deaths ... ..	14
Integumentary System ... ..	20
Interim Tuberculosis Care Committee ... ..	50-51
Introductory Review ... ..	10, 11
Legal Proceedings ... ..	27
Local Diseases ... ..	19
Lymphatic System ... ..	19
Malarial Diseases ... ..	17, 41
Marriages ... ..	11
Maternity and Child Welfare ... ..	53
Maternity Home ... ..	57
Measles ... ..	16, 38, 39, 58
Meat ... ..	29
Membranous Croup ... ..	36
Milk and Cream Regulations ... ..	29
Milk, Mothers and Children's Orders ... ..	29
Milk Supply ... ..	28
Milk Supply for Expectant and Nursing Mothers ... ..	54
Miller General Hospital ... ..	21
Minor Ailment Centre ... ..	56
Mortuary ... ..	20
Nervous System ... ..	19
Notices, etc. ... ..	72
Notifications ... ..	35
Notification of Births Act ... ..	59
Offensive Trades ... ..	26
Ophthalmia Neonatorum ... ..	40, 58
Organs of Special Sense ... ..	19
Outworkers' Register ... ..	21
Overcrowding ... ..	73
Parasitic Diseases ... ..	18
Persons Cleansed ... ..	73
Folio-encephalitis ... ..	40
Folio-myelitis ... ..	40
Poor Law Relief ... ..	20
Population ... ..	9, 11
Public Health Committee ... ..	5



## INDEX—continued.

PAGE

Puerperal Fever ... ..	17, 38, 58
Pyæmia and Septicæmia ... ..	17
Rats and Mice (Destruction) Act, 1919 ... ..	25
Refuse Removal ... ..	24
Remarks on Death Causes ... ..	16
Reproductive System ... ..	19
Respiratory System ... ..	19
Rheumatic Fever ... ..	17
Sale of Food and Drugs Act ... ..	31-33
Sanitary Work—Summaries, etc. ... ..	21, 67-74
Scarlet Fever ... ..	16, 36, 37
Scavenging and Refuse Removal ... ..	24
School Clinic ... ..	56
Seamen's Hospital ... ..	21
Septic Diseases ... ..	17
Slaughterhouses ... ..	29
Small-pox ... ..	16, 35
Smoke Nuisances ... ..	26
Sporadic Diseases ... ..	17
Staff of Public Health Department ... ..	8
Statistical Summary ... ..	9
Statistical Tables ... ..	Appendix
Suffocation ... ..	20
Suicide ... ..	20
Syphilis ... ..	17
Tenement Houses ... ..	18
Tuberculosis ... ..	18-41
Tuberculosis Dispensary—Return of Attendances ... ..	52
Tuberculosis—Interim Care Committee ... ..	50, 51
Tuberculosis Officer's Report ... ..	45-52
Typhoid Fever ... ..	17, 38
Underground Bakehouses ... ..	24
Underground Rooms ... ..	73
Unwholesome Food ... ..	29, 30, 71
Uninhabited Houses ... ..	9
Urinary System ... ..	19
Vaccination Particulars ... ..	34
Venereal Diseases ... ..	17
Verminous Premises ... ..	73
Verminous Children ... ..	44
Viol ... ..	55
Vital Statistics ... ..	11 & Appendix
Water Supply ... ..	26, 27
Whooping Cough ... ..	40
Workshops and Factories ... ..	21, 22
Workshops and Workplaces ... ..	21, 22, 24
Zymotic Enteritis ... ..	17, 40
Zymotic Diseases ... ..	16



## Public Health Committee during the Year 1920-21.

Alderman B. J. LEMMON, J.P. (*Mayor*), and 13 Members.

Alderman Mrs. S. A. KELLY.

### Councillors—

T. F. BATTLE, *Chairman*.

F. W. CLIFTON, *Vice-Chairman*.

Mrs. N. CUNIS.

Mrs. A. M. EDWARDS.

R. G. EVANS.

J. HOGG.

W. J. JACKMAN.

F. W. MANDER.

C. L. SKINNER.

A. SMITH.

F. WHATLEY, B.A.

C. S. WILLATT.

### Duties and Powers of the Public Health Committee—

- 1.—The Committee shall consist of thirteen 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 Horseflesh, etc., 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 Rats and Mice (Destruction) Act, 1919; the powers of the Council under the Orders of the Local Government Board or Ministry of Health dealing with Tuberculosis; the Dairies, Cowsheds, and Milkshops Order of 1885; 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 on 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.
- 8.—Provision and maintenance of Tuberculosis Dispensary.

Additional matters coming within the definition of the sanitary provisions of any other Act of Parliament:—

- Notification of Births Act, 1907.
- Housing and Town Planning Act, 1909, 1919.
- London County Council (General Powers) Act, 1902, 1907, 1908.
- Rag Flock Act, 1911.
- Public Health (Tuberculosis Regulations), 1912.
- Public Health (Milk and Cream) Regulations, 1912.
- Rats and Mice (Destruction) Act, 1919.
- Rent and Mortgage Interest (Restrictions) Act, 1920.



## Maternity and Child Welfare Committee during the Year 1920-21.

---

Alderman B. J. LEMMON, J.P. (*Mayor*), and 12 Members.

---

Alderman Mrs. S. A. KELLY, *Chairman*.

### Councillors—

T. F. BATTLE.	J. HOGG.
Mrs. N. CUNIS.	R. F. A. PURKISS.
F. W. CLIFTON.	Miss M. SHERMAN, <i>Vice-Chairman</i> .
R. G. EVANS.	Mrs. C. R. TURNER.

### Co-opted Members—

Mrs. M. HAMILTON.	Mrs. H. G. SARGENT.
Mrs. M. WOODNUTT.	

---

### Powers and Duties of the Maternity and Child Welfare Committee—

- 1.—The Committee shall consist of 12 members, nine of whom shall be members of the Council, and three selected by the Council from outside that body.
- 2.—There shall be referred to the Committee all matters arising out of the powers and duties of the Council under the Maternity and Child Welfare Act, 1918, or any Act or Acts amending the same, or of any Orders or Regulations made under such Act or Acts, and the Committee shall make recommendations to the Council in relation to the matters aforesaid.

## Staff of the Public Health Department.

### Medical Officer of Health—

ERNEST G. ANNIS, M.R.C.S., L.R.C.P., D.P.H. (Barrister-at-Law).

### Assistant Medical Officer of Health and Tuberculosis Officer—

M. MACDONALD, M.D., Ch.B., D.P.H.

### Maternity and Child Welfare Medical Officer—

F. L. PICKETT, B.A., M.B., Ch.B., M.R.C.S., L.R.C.P.

### Public Analyst—A. E. BROWN, B.Sc., F.I.C.

### Sanitary Inspectors—

A. E. BACHE.

S. A. RADFORD.

C. W. NETTLETON.

E. MARTIN.

A. E. MORGAN.

W. R. DRAKE.

Miss G. DAVIS.

### Health Visitors—

Miss M. MOLLOY.

Miss B. M. BUCKTON.

Mrs. M. DONALD-MORISON.

Miss E. BAILEY.

Miss F. JAGOT.

Miss A. HADFIELD.

### Tuberculosis Nurses—

Miss L. HEASTMAN.

Miss D. M. WILKINS.

Miss T. I. HUSBANDS.

Miss R. ALDIS.

### Dispenser—

E. E. BURROWS.

### Matron Municipal Creche—

Mrs. E. CHALK.

### Clerical Staff—

F. W. FOULGER, *Principal Clerk.*

H. DUCK.

Mrs. L. E. WRIGHT.

Miss L. MERRICKS.

A. G. THOMAS.

W. H. COLLINS.

E. P. TIDMAN (*Temporary*).

Mrs. N. FURBANK, *Milk Saleswoman.*

### Disinfecting Staff—

J. FORREST.

A. CLAY.

F. MEARS.

F. STEVENS.

### Caretaker at Cleansing Station—

Mrs. E. ROBINSON.

### Dispensary Keeper—

Mrs. G. VICKERY.

### Mortuary Keeper—G. W. MOSS.



## 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, Deptford	...	...	...	112·1 „
Charlton and Kidbrooke	...	...	...	1990·4 „
				<hr/>
				3851·7 acres
				<hr/>

### DENSITY OF POPULATION—

East Greenwich	...	...	30·48 persons per acre
West Greenwich	...	...	89·60 „
St. Nicholas, Deptford	...	...	67·62 „
Charlton and Kidbrooke	...	...	11·04 „
			<hr/>
Average for the Borough	...	...	26·09 persons per acre
			<hr/>

### NUMBER OF INHABITED HOUSES—

At Census, 1901	...	...	...	14,240
At Census, 1911	...	...	...	14,722
Estimated, 1921	...	...	...	16,292

### NUMBER OF UNINHABITED HOUSES—

At Census, 1911	...	...	...	803
Estimated, 1921	...	...	...	153

### POPULATION—

At Census, 1911	...	...	...	95,972
Estimated, 1921	...	...	...	100,493

BIRTH RATE, 1921 ... 22·70 per 1,000

DEATH RATE, 1921 ... 12·41 „

„ (Zymotic) ... 76 „

„ (Infantile Mortality) ... 74 per 1,000 Births



PUBLIC HEALTH OFFICES,  
BOROUGH HALL,  
ROYAL HILL, GREENWICH, S.E.10,  
May, 1922.

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

LADIES AND GENTLEMEN,

I have the honour to submit herewith my Annual Report as Medical Officer of Health for the year 1921, and am pleased to be able again to report that the health statistics generally are of a very satisfactory character.

The Death Rate is 12·41 per 1,000 of the estimated population, which, although slightly higher than the figure for 1920, which was 11·72, compares favourably with the average for the last five years, and the Death Rates for the County of London and the ninety-six large towns.

The Birth Rate is 22·70 per 1,000, the figure for the whole of the County of London being 22·8.

The Infantile Mortality Rate for the Borough, measured by the number of deaths under one year to 1,000 births registered, is 74, which is below what was regarded as the phenomenally low rate of 75 in 1920. It is useful to compare this figure with that of 1919, viz., 89, and the average of 93 for the last five years.

The Zymotic Death Rate of ·76 per 1,000 is also below the figure of last year, which was ·84.

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

Districts.	Birth Rate.	Death Rate.	Infantile Mortality per 1000 Births.	Zymotic Death Rate.	Diarrhoea Death Rate.	Consumption Death Rate.
East Greenwich .. ..	23·99	12·17	61	·95	·17	1·02
West Greenwich .. ..	23·67	12·53	87	·77	·36	1·18
St. Nicholas, Deptford ..	30·28	14·28	91	·26	·13	1·98
Charlton .. ..	19·75	11·80	86	·53	·37	1·38
Kidbrooke .. ..	21·04	11·62	15	·62	·31	·31
Whole Borough .. ..	22·70	12·41	74	·76	·26	1·18

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 .. ..	0·00	7·52	9·61	·68	·04	·08
West Greenwich .. ..	0·00	5·67	7·15	·51	·21	·07
St. Nicholas, Deptford ..	0·00	3·17	5·81	·82	—	·39
Charlton .. ..	0·00	2·99	9·60	·31	·10	·10
Kidbrooke .. ..	0·00	9·10	10·36	—	—	—
Whole Borough .. ..	0·00	5·94	9·56	·56	·09	·09

It is my privilege again to express my appreciation of the kindness and consideration which has always been shown to me by the members of the Public Health and Maternity and Child Welfare Committees, and the whole of the members of the Council. I also have to acknowledge gratefully the increased assistance which has been given me on the clerical side, which, coupled with adequate office accommodation, has served to place the administration of the department on a thoroughly well organised basis. I have only to add that the whole of the staff have carried out their duties in a particularly enthusiastic and satisfactory manner.

I am, Ladies and Gentlemen,  
Your obedient Servant,

E. G. ANNIS.

## VITAL AND MORTAL STATISTICS, 1921.

### POPULATION.

The decennial census was taken in June, 1921, when it was found that the population in the Borough of Greenwich stood at 100,493, and it is at this figure that the various rates, etc., appearing in this report are estimated. It is interesting to note that this figure shows an advance of nearly 5,000 over the 1911 Census figure, which in turn was practically the same as the Census figure of 1901.

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

	Census, 1911.	Estimated Population at middle of year 1921
East Greenwich ... ..	45,963	44,240
West Greenwich... ..	22,936	26,687
St. Nicholas, Deptford ...	7,291	7,581
Charlton ... ..	16,911	18,790
Kidbrooke .. ...	2,876	3,195
Total ... ..	<u>95,977</u>	<u>100,493</u>

### MARRIAGES.

The Superintendent-Registrar of the Greenwich Registration District has kindly furnished me with the particulars relating to the number of marriages solemnised in the Parishes of Greenwich and St. Nicholas. The Superintendent-Registrar for the Woolwich Registration District has also kindly supplied the particulars for the Parishes of Charlton and Kidbrooke, with the exception, in these latter particulars, that the marriages performed in the Woolwich Superintendent-Registrar's Office and in Chapels in Charlton and Kidbrooke, of residents in those Parishes, are not included.



The following table shows these particulars, giving the number of marriages in Greenwich and St. Nicholas, etc., for each year since 1911:—

Year.	In Churches of Eng- land in Greenwich.		In Churches of Eng- land in Charlton and Kidbrooke.		St. Nicholas Parish Church.	Marriages in Super- intendent-Registrar's Office of parties resi- dent in Greenwich or outside the Registra- tion District, and in Chapels and Roman Catholic Church in St. Nicholas and Green- wich.	Total.	Approximate Popula- tion of the districts concerned.
1911	..	309	..	123	34	..	696	95982
1912	..	266	..	102	59	..	655	95992
1913	..	295	..	120	51	..	725	96015
1914	..	279	..	135	72	..	729	96037
1915	..	472	..	188	95	..	1161	96385
1916	..	381	..	145	74	..	924	94452
1917	..	343	..	128	67	..	1191	90440
1918	..	353	..	165	55	..	817	89939
1919	..	419	..	197	76	..	1018	102591
1920	..	384	..	105	64	..	875	104453
1921	..	344	..	124	57	..	774	100493

### BIRTHS.

The total number of Births registered in the Borough during the year was 2,366. Of this number 123 occurred in the Greenwich and Deptford Hospital and 116 at various Nursing Homes within the Borough. Of this total of 239 Institution births, 94 only belonged to Greenwich, the remainder being transferred to the appropriate localities.

Fifty-three births belonging to the Borough took place in Institutions outside the Borough area, thus the actual figure for Greenwich becomes 2,274—Males, 1,171; Females, 1,103.

This figure gives a Birth Rate of 22.70 per 1,000 of the population, being .06 below the average for the last ten years.

The Birth Rate for the County of London equals 22.8 per 1,000 of the population. The Birth Rate for all England and Wales was 22.4.

Illegitimate births numbered 45, representing 1.9 per cent. of the total births. These were distributed as follows:—

East Greenwich	19
West Greenwich	17
St. Nicholas	3
Charlton	6
	45



Ninety-two illegitimate births were actually registered in the Borough, but 47 of these belonged to other Boroughs. Thirty-six illegitimate births occurred in the Greenwich and Deptford Hospital, of which 17 only belonged to Greenwich.

Under the provisions of the Notifications of Births Act, 1907, intimations have been received from medical men, parents, and others, with respect to 2,564 births.

## DEATHS.

The total number of deaths registered during 1921 was 1,243, of which 668 were males and 575 females. The crude Death Rate for the Borough of 12·41 per 1,000 compares with 12·4, the Death Rate for the County of London, and 12·3, the Death Rate for the ninety-six large towns.

The Death Rate in the various Metropolitan Boroughs varied from 11·2 in Hampstead, 11·5 in Hackney and Stoke Newington, 11·7 in Woolwich, 11·8 in Fulham, up to 13·74 in Bermondsey, 13·8 in Kensington, 14·3 in Southwark, 14·4 in Shoreditch and 14·8 in Finsbury.

Locally the Death Rate varied from 14·28 in St. Nicholas, 12·53 in West Greenwich, 12·17 in East Greenwich, 11·80 in Charlton to 11·62 in Kidbrooke.

Of the total number of deaths, 24 were of illegitimate birth, 19 of whom were under one year of age.

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 1916 to 1920, compared with the figures for 1921:—

DISTRICT.	1916.	1917.	1918.	1919.	1920.	Average for Five Years.	1921.
East Greenwich ...	12·57	14·05	16·01	10·58	10·39	12·72	12·17
West Greenwich ...	19·93	19·55	26·03	18·56	14·84	19·78	12·53
St. Nicholas ...	22·44	26·07	24·45	12·84	15·61	20·28	14·28
Charlton ...	13·66	15·50	20·42	13·10	9·39	14·41	11·80
Kidbrooke ...	8·57	6·71	10·50	6·88	8·90	8·31	11·62
BOROUGH ...	15·14	15·96	19·16	13·15	11·72	15·02	12·41

## DEATHS IN INSTITUTIONS.

The following table shows the number of deaths of Greenwich residents in Public Institutions during the last six years:—

Year.	Total Deaths of Greenwich Residents.		Total Deaths of Greenwich Residents under 1 year of age.		Total Deaths of Greenwich Residents in Public Institutions.	
1916	...	1,426	...	197	...	544
1917	...	1,439	...	203	...	364
1918	...	1,718	...	210	...	651
1919	...	1,372	...	187	...	603
1920	...	1,231	...	195	...	535
1921	...	1,243	...	175	...	553
AVERAGE	...	<u>1,437</u>	...	<u>198</u>	...	<u>539</u>

## AGE MORTALITY.

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

Deaths.			First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
Under 1 year of age	...	...	59	31	42	43	175
Between 1 and 2 years	...	...	15	7	11	21	54
Between 2 and 5 years	...	...	7	4	3	12	26
Between 5 and 15 years	...	...	11	17	13	17	58
Between 15 and 25 years	...	...	23	16	11	17	67
Between 25 and 45 years	...	...	43	41	39	42	165
Between 45 and 65 years	...	...	83	67	60	91	301
65 years and upwards	...	...	111	91	79	116	397
Total	...	...	352	274	258	359	1,243

## INFANTILE MORTALITY.

The Infantile Mortality, measured by the deaths of children under one year of age to the number of births registered, was 74 per 1,000 births, there having been a total of 175 such deaths during the year, as compared with 210, 187 and 195, the respective figures for the years 1918, 1919 and 1920. The number for the County of London was 79 per 1,000 births, the average for the past five years in Greenwich being 93 per 1,000 births.



For the whole of London the rate was 79 in 1921, compared with 75 in 1920, 85 in 1919 and 107 in 1918. For England and Wales the rate was 83, compared with 80 in 1920, 93 in 1919 and 97 in 1918.

Locally, the variations were from 15 per 1,000 births in Kidbrooke, 61 in East Greenwich, 86 in Charlton, 87 in West Greenwich, to 91 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.	Average for five years, 1906-1910, inclusive.	Average for five years, 1911-1915, inclusive.	Average for five years, 1916-1920, inclusive.	1921.
East Greenwich ... ..	129	106	96	81	61
West Greenwich ... ..	126	110	112	110	87
St. Nicholas, Deptford ... ..	179	143	167	138	91
Charlton ... ..	121	109	76	89	86
Kidbrooke ... ..	39	79	16	39	15
BOROUGH ... ..	131	111	103	95	73

### ANALYSIS OF DEATH CAUSES.

Adopting the Registrar-General's classification of diseases, the following table shows the Death Rates for all persons belonging to the Borough per 1,000 of the population living in the Borough.

1921.	1921.
<b>Infective Diseases—</b> Epidemic ... .. 0·93 Sporadic ... .. — Venereal ... .. 0·03 Septic ... .. 0·01 Malarial ... .. 0·02 Tuberculosis ... .. 1·37 <b>Parasitic Diseases</b> ... .. — <b>Constitutional Diseases</b> ... 1·40 <b>Developmental Diseases</b> ... 1·75 <b>Dietetic Diseases</b> ... .. 0·01  <b>Local Diseases—</b> Nervous System ... .. 1·17 Organs of Special Sense... 0·04	<b>Local Diseases—continued.</b> Circulatory System ... 1·46 Respiratory System ... 2·16 Digestive System ... 0·68 Lymphatic System ... 0·07 Urinary System .. ... 0·50 Reproductive System ... 0·02 Parturition ... .. 0·05 Bones and Joints ... 0·009 Integumentary System... 0·009  <b>External Causes—</b> Accidents ... .. 0·38 Homicide ... .. 0·009 Suicide ... .. 0·05



## REMARKS ON VARIOUS DEATH CAUSES.

## INFECTIVE DISEASES.

EPIDEMIC.—There were 94 deaths due to this class of disease, equalling a Death Rate of  $\cdot 93$  per 1,000; the rate last year was  $\cdot 88$ , and was 1.54, 4.86 and 1.53 in 1917, 1918 and 1919 respectively.

ZYMOTIC.—The purely Zymotic class of epidemic diseases is credited with causing a total of 77 deaths, equalling a Death Rate of  $\cdot 76$  per 1,000.

Locally the Zymotic Death Rate varied from  $\cdot 26$  in St. Nicholas (1.90 in 1920),  $\cdot 53$  in Charlton ( $\cdot 49$  in 1920),  $\cdot 62$  in Kidbrooke ( $\cdot 32$  in 1920),  $\cdot 77$  in West Greenwich (1.04 in 1920), up to  $\cdot 95$  in East Greenwich ( $\cdot 73$  in 1920).

SMALL-POX.—There were no deaths from Small-Pox, this being the nineteenth year since a death occurred from this cause in the Borough.

MEASLES.—Five deaths were ascribed as due to this disease. All the patients were under five years of age. This is the lowest figure recorded since the inception of the Council in 1900. The deaths recorded last year were 26, and 45, 45 and 13 in the years 1917, 1918 and 1919 respectively.

One death occurred in East Greenwich and 4 in West Greenwich.

The quarterly incidence was 2 in the second quarter and 3 in the fourth.

SCARLET FEVER.—This disease occasioned 6 deaths, 4 of which were under five years.

Four deaths occurred in East Greenwich and 2 in West Greenwich.

Two such deaths occurred in 1920 and 7 in 1919.

DIPHTHERIA.—There were 28 deaths during the year. This gives a Death Rate of  $\cdot 27$  comparing with  $\cdot 12$  for the previous year.

Thirteen deaths occurred in 1920, and 27, 16 and 15 in 1917, 1918 and 1919 respectively.

Fourteen of the patients were under five years of age.

Thirty-one tubes of Diphtheria Anti-toxin, containing a total of 62,000 units of serum, for the treatment of patients suffering

from this disease, have been supplied from the Public Health Department during the year.

**TYPHOID FEVER.**—There was 1 death ascribed as due to this disease; there were 2 in 1920, 2 in 1919, 4 in 1918, 2 in 1917 and 6 in 1916. The death occurred in Kidbrooke.

**DIARRHŒA AND ZYMOTIC ENTERITIS.**—Twenty-seven deaths were stated to be due to this cause, equalling a rate of .26 per 1,000. Last year there were 22 deaths, and 38, 37 and 28 respectively in 1917, 1918 and 1919.

The deaths were distributed as follows:—Eight in East Greenwich, 10 in West Greenwich, 1 in St. Nicholas, 7 in Charlton and 1 in Kidbrooke. Eighteen patients were under five years of age.

The deaths in 1920 were distributed as follows:—Six in East Greenwich, 7 in West Greenwich, 6 in St. Nicholas and 3 in Charlton.

**INFLUENZA.**—Influenza is found to have been the responsible cause of 19 deaths in 1921; 133 was the average of the previous three years. Of the 19, 4 were over sixty-five years of age.

**SPORADIC DISEASES.**—There were no deaths from this class of diseases during the year.

**VENEREAL. SYPHILIS.**—Four deaths were given as due to Syphilis, as against 4 in 1920 and 11 in 1919. Of these 4 deaths, 3 were under five years of age. Two occurred in East Greenwich and 2 in West Greenwich. One of the deceased persons was in the Greenwich Infirmary and 1 in an outside Institution.

There were no deaths from Gonorrhœa during the year.

**SEPTIC DISEASES. ERYSIPELAS.**—Two deaths occurred from this cause in 1921, 6 in 1920 and 2 in 1919.

**PUERPERAL FEVER.**—There was 1 death from this disease during the year.

**PYÆMIA AND SEPTICÆMIA, &c.**—There were 5 deaths from this disease during the year, 1 death from other allied diseases and 1 from Infective Endocarditis.

**MALARIAL. RHEUMATIC FEVER.**—There were 3 deaths in 1921 as compared with 12 in 1920, 3 in 1919 and 1 in 1918.

**MALARIAL FEVER.**—There was 1 death attributed to this cause, the patient being over 65 years of age.



**TUBERCULOSIS.**—This class includes the causes of 138 deaths during the year under review, with a rate of 1·37; these figures compare with 174, 174 and 147, the totals of the years 1918, 1919 and 1920 respectively, and respective rates of 1·90, 1·66 and 1·40.

Tuberculosis of the Lungs (Consumption) is, as usual, credited with the major portion of these deaths, there being 119 attributed to this cause, or a rate of 1·18 per 1,000.

Locally, the deaths were 1 in Kidbrooke (giving a Death Rate of ·31), 15 in St. Nicholas (giving a Death Rate of 1·98), 26 in Charlton (giving a Death Rate of 1·38), 32 in West Greenwich (giving a Death Rate of 1·18), and 45 in East Greenwich (giving a Death Rate of 1·02).

The remaining forms of Tuberculosis were responsible for 19 deaths, being 7 in West Greenwich, 6 in East Greenwich, 3 in St. Nicholas, and 3 in Charlton.

Of these other forms of Tuberculosis, Tuberculosis of the Brain and its membranes was credited with 8 (3 being under five years of age), Tubercle affecting the Intestines 2 deaths (1 being under five years of age), General Tuberculosis 4 deaths, and other forms of Tuberculosis 5 deaths.

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

**DIETETIC DISEASES.**—There were 2 deaths from this class of disease; both occurred in East Greenwich.

**CONSTITUTIONAL DISEASES.**—The deaths from this cause were 141 in number, which gives a rate of 1·40 per 1,000. Of these, 124 were attributed to Cancer, 11 to Diabetes, 3 to Anæmia, 2 to Osteo-Arthritis and 1 to Lymphadenoma.

The deaths from Cancer were distributed as follows:—50 occurred in East Greenwich, 34 in West Greenwich, 11 in St. Nicholas, 24 in Charlton and 5 in Kidbrooke.

**DEVELOPMENTAL DISEASES.**—There were 176 deaths from this class of causes, equal to a rate of 1·75 per 1,000.

These may roughly be divided into those from causes which would appear to be unavoidable, viz.:—Congenital defects, 8, and those from causes more or less preventable, viz.:—Premature birth, 33; Injury at birth, 4; Debility at birth, 13; Atrophy, Debility and Marasmus, 17; Atelectasis, 5; Dentition, 1; and Rickets, 1.

The remaining and largest portion of these deaths from developmental diseases, 94 in number, were from Old Age; in 1920 there were 113 deaths from this cause, and 125 in the previous year.



## LOCAL DISEASES.

**NERVOUS SYSTEM.**—One hundred and eighteen deaths were attributed to the various nervous diseases, which gives a rate of 1.17 per 1,000; last year the rate was 1.02 per 1,000. Convulsions were responsible for 6, all of whom were under five years of age; 5 were from Meningitis, 61 from Apoplexy, 2 from Hemiplegia or Brain Paralysis, 7 from General Paralysis of the Insane, 7 from Cerebral Tumour, 10 from Epilepsy, 1 from Acute Polio Myelitis, 7 from Diseases of Spinal Cord, 5 from Softening of Brain, and 7 from other diseases of this system.

**ORGANS OF SPECIAL SENSE.**—There were 5 deaths from this class of causes, equal to a rate of .04 per 1,000.

**CIRCULATORY SYSTEM.**—The Death Rate from diseases of this system was 1.46 per 1,000, there being a total of 149 such deaths. Valvular diseases of the heart were responsible for 125, 7 from Aneurism, 5 from Embolism, 1 from Angina Pectoris and from the remaining diseases of this system, 11.

**RESPIRATORY SYSTEM.**—Two hundred and seventeen deaths were due to diseases of the respiratory organs, as compared with 122 in the preceding year. The Death Rate under this heading equals 2.16 per 1,000. Twenty-five were from Acute and 73 from Chronic Bronchitis, 108 from the various forms of Pneumonia, 48 being under five years of age, 2 from Emphysema, 6 from Pleurisy, and 3 from other diseases.

**DIGESTIVE SYSTEM.**—There were 69 deaths from diseases of this system, equal to a rate of .68 per 1,000. Of this number, Enteritis was responsible for 18 (13 being under five years of age), 7 to Appendicitis, 10 to Obstruction, and 3 to other diseases of the Intestines, 5 to Cirrhosis, and 6 to other diseases of the Liver, 5 to Peritonitis, 7 to Ulcer of Stomach and Duodenum, 5 to other diseases of Stomach, and 3 to other diseases of the Digestive System.

**LYMPHATIC SYSTEM.**—There were 8 deaths from diseases affecting this system during the year.

**URINARY SYSTEM.**—Fifty-one deaths, equal to a rate of .50 per 1,000, occurred from diseases affecting this system. Thirty-two were from Bright's Disease, 3 from Acute Nephritis, 11 from diseases of the Bladder and Prostate, 1 from Calculus, and 4 from ill-defined causes of the urinary system.

**REPRODUCTIVE SYSTEM.**—There were only 3 deaths due to diseases of the Generative Organs. There were 6 deaths attributed to diseases of Parturition.



BONES AND JOINTS.—There was 1 death from diseases of bones and joints.

INTEGUMENTARY SYSTEM.—There was 1 death from diseases of Integumentary System.

EXTERNAL CAUSES.—There were 46 deaths given as due to causes grouped under this heading; 39 were the result of accident or negligence, 1 from Homicide, and the remaining 6 were from Suicide.

Two children died from Suffocation by being overlaid in bed during 1921 (compared with 3 from this cause last year); 10 cases were from Drowning, 3 from Burns and Scalds, while accidents on railways, in vehicular traffic and in building operations, falls etc., were responsible for 24 deaths.

The Suicides were 3 (by Hanging and Strangulation), 2 from Drowning, and 1 by Shooting.

ILL-DEFINED CAUSES.—There was no death in 1921 the cause of which was not ascertained.

### MORTUARY.

The number of bodies dealt with in the Mortuary since 1911 is shown below :—

Year.	Drowned Bodies from River.		Other Bodies.		Totals.
1911	...	8	...	112	120
1912	...	15	...	126	141
1913	...	17	...	114	131
1914	...	15	...	134	149
1915	...	15	...	194	209
1916	...	11	...	182	193
1917	...	15	...	209	224
1918	...	24	...	138	162
1919	...	12	...	120	132
1920	...	14	...	175	189
1921	...	15	...	152	167

### POOR-LAW RELIEF.

I am indebted to the Clerks of the Greenwich and Woolwich Boards of Guardians for the following figures :—

	Greenwich.	Charlton & Kidbrooke.
Total amount expended in out-door relief ...	£25,715 19 3	£5,594 1 0
Total number of persons treated in Hospital	1,094	110
Total number of persons treated medically in their own homes ...	2,239	420
Total number of persons admitted to the Workhouse ...	590	38

## HOSPITAL AND OTHER FORMS OF GRATUITOUS MEDICAL RELIEF.

The SEAMEN'S HOSPITAL have admitted, treated and maintained 214 Greenwich persons for an average of twenty days each, in addition to which there have been 1,174 Out-patients, making altogether 5,322 attendances of persons belonging to the Borough of Greenwich.

MILLER GENERAL HOSPITAL admitted, treated and maintained 375 Greenwich persons for an average of twenty-one days. 6,650 Out-patients have also been treated, the total attendances being approximately 30,000.

BLACKHEATH AND CHARLTON COTTAGE HOSPITAL admitted 180 In-patients from Greenwich, and treated about 120 casualties, making about 1,040 attendances for this purpose.

## SANITARY WORK.

The tables on pages 22 to 24 and 67 to 75 summarise, as far as possible, the Sanitary work of the Department; from this it will be seen that a total of 21,257 houses and premises have been inspected or re-inspected during the year; 2,147 intimation notices and 636 statutory notices have been served.

It was found necessary to institute Police Court proceedings in fifteen cases during the year, particulars of which are contained in the table on page 27.

There were altogether throughout the year 957 complaints registered.

FACTORIES, WORKSHOPS AND WORKPLACES.—Two hundred and thirty-three inspections have been paid to these premises within the Borough during the year. There were 202 workshop premises on the Register at the beginning of the year, 5 have been taken off, leaving a total now on the Register of 197. This total includes 14 laundries, 26 dressmaking and mantle works, 7 fuel and fire-wood works, 3 cycle works, 8 milliners, and various others, including workplaces, such as 4 blacksmiths, 14 barge builders, 3 builders' yards, etc.

OUTWORKERS' REGISTER.—Twelve lists, containing 79 names, have been received from employers within the district. One hundred and twenty-four visits of inspection have been paid to these premises.



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

## 1.—INSPECTION.

PREMISES.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories ... .. (Including Factory Laundries)	28	9	...
Workshops ... .. (Including Workshop Laundries)	82	34	...
Workplaces ... .. (Other than Outworkers' Premises)	123	27	...
TOTAL ... ..	233	70	...

## 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 ... ..	50	50	...	...
Want of Ventilation ... ..	1	1	...	...
Overcrowding ... ..	...	...	...	...
Want of Drainage of Floors ... ..	...	...	...	...
Other Nuisances... ..	26	26	1	...
Sanitary Accommodation—				
Insufficient ... ..	14	14	...	...
Unsuitable or defective ... ..	9	9	...	...
Not Separate for Sexes ... ..	2	2	...	...
<i>Offences under the Factory and Workshop Act:—</i>				
Illegal Occupation of Underground Bakehouse (s. 101) ... ..	...	...	...	...
Breach of Special Sanitary Require- ments for Bakehouses (ss.97 to 100)	...	...	...	...
Other Offences ... ..	12	12	...	...
TOTAL ... ..	114	114	1	...

\* 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.									Outwork in unwholesome premises. Sec. 108.			Outwork in infected pre-mises. Secs. 109 & 110.		
	Lists received from Employers.						Notices served on occupiers as to keep-ing or sending lists.	Prosecutions.		Instances.	Notices served.	Prosecutions.	Instances.	Orders made (Sec. 10).	Prosecutions (Secs. 109 & 110).
	Twice in the year.			Once in the year.				Failing to keep or permit in-spection of lists.	Failing to send lists.						
	Lists.	Outworkers.		Lists.	Outworkers.										
		Con-tractors	Work-men.		Con-tractors	Work-men.									
Wearing Apparel— (1) Making, &c. ... (2) Cleaning & Washing ...	11 ...	11 ...	26 ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Lace, Lace Curtains & Nets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Furniture and Upholstery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fur Pulling ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Umbrellas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paper Bags and Boxes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cotton and Kit Bags ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brush Making ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Box Making ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rackets and Tennis Balls	1	1	53	...	...	...	...	...	...	...	...	...	...	...	...
Stuffed Toys ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS ...	12	12	79	...	...	...	...	...	...	...	...	...	...	...	...



#### 4.—WORKSHOPS AND WORKPLACES ON THE REGISTER AT THE END OF 1921.

	No.
Bakehouses ... ..	38
Factory Bakehouses ... ..	5
Barge Builders ... ..	14
Blacksmiths ... ..	4
Boot and Shoe Makers ... ..	7
Builders' Yards ... ..	3
Carpenters and Joiners ... ..	2
Carriage Builders ... ..	2
Coopers ... ..	4
Cycle Works ... ..	3
Dress and Mantle Makers ... ..	26
Fuel Works ... ..	7
Laundries ... ..	14
Milliners ... ..	8
Photographers ... ..	3
Picture Frame Makers ... ..	1
Printers ... ..	1
Tailors ... ..	6
Underclothing Makers ... ..	1
Others ... ..	48
	<hr/>
	197

#### 5.—OTHER MATTERS.

Class.	No.
Matters notified to H.M. Inspectors of Factories:—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ... ..	—
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 (sec. 101):—	
In use at the end of 1921 ... ..	13

CUSTOMS AND INLAND REVENUE ACTS.—Applications were received during the year for certificates under these Acts with respect to 20 Tenements. One certificate only was granted with reference to 4 Tenements.

CLEANSING AND SCAVENGING.—The question of refuse disposal has been engaging the serious attention of the Council for some time past. The refuse continues to be disposed of by barging, and dumping on the low-lying marsh land in the Borough, but these dumps are now practically filled up, and are becoming a serious menace to health. Complaints have always arisen from the results of this method of refuse disposal, and a scheme has now been submitted and approved by the Council for the erection of an up-to-date refuse destructor at the Council's Wharf, Tunnel Avenue.



The collection of house, etc., refuse in the Borough is under the control of the Borough Surveyor, and very few complaints have been received as to non-collection.

One thousand and twelve new ash receptacles have been provided.

**HORSE SLAUGHTERER.**—The one horse-slaughtering premises in the Borough has been inspected and the cleansing of the premises duly carried out.

**HOUSES LET IN LODGINGS.**—When the new London County Council By-laws become law the thorough supervision of this class of property will be practicable, but, as was the case in 1920, houses let in lodgings were dealt with as far as possible under the powers conferred by the Public Health (London) Act, 1891.

**RATS AND MICE (DESTRUCTION) ACT, 1919.**—At the suggestion of the Ministry of Agriculture, this Council, in common with the majority of Local Authorities throughout the country, participated in the Annual Rat Week which was held the week commencing 31st October. This was conducted on the same lines as last year. Posters were displayed throughout the Borough, and commercial houses and firms were invited to take concerted action for the destruction of rats.

From enquiries and investigations made by the Council's Rats Officer (Mr. Morgan), it appears that occupiers generally are fully alive to the seriousness of the results of rat infestation, and there are reasons to believe that the efforts directed against these pests, not only during Rat Week, but during the whole year, have been attended with marked success.

In all four hundred and fifty-seven investigations were made by the Rats Officer, and 64 notices were served upon occupiers of premises who had failed to take the necessary steps for the destruction of rats or for the prevention of rat infestation. It was generally found that owners of rat infested property readily adopted all possible means for the extermination of the vermin so soon as the matter was represented to them.

**INCREASE OF RENT & MORTGAGE INTEREST (RESTRICTIONS) ACT, 1920.**—Under the provisions of this Act landlords are empowered to make certain increases of rent, and tenants whose houses are not in all respects reasonably fit for human habitation may apply to the Sanitary Authority for a certificate to this effect, enabling them to take proceedings to get the increase suspended until such time as the necessary works shall have been completed.

Sixty-four such applications for certificates were received. Forty-six certificates were granted; in the remaining 18 cases the



certificate was unnecessary as the required work was satisfactorily executed.

**OTHER SCHEDULED OFFENSIVE TRADES.**—The Foreign Animals Wharf being still in the occupation of the Military, the Offensive Trades generally carried on therein have not yet been recommenced.

**SMOKE NUISANCES.**—Seventeen observations have been made for smoke nuisances during the year, but in no instance was it found necessary to serve a Statutory Notice.

**HOUSE DRAINAGE.**—Seventeen drains have been constructed, 233 drainage systems have been reconstructed or repaired; 410 such systems have also been opened, cleansed and amended; 59 surface drains have been constructed; 163 drains and soil pipes have been ventilated, 321 systems have been tested by smoke, 437 by water, of which number 172 were found to be defective; 47 new soil pipes and 395 traps have been fixed, together with 54 intercepting chambers and fresh-air inlets, and 100 other chambers.

Seventeen new covers to manholes have been provided. Thirty-two systems have been sealed off or slurried up. Thirty forecourts, 26 areas, 118 yards, 4 mews and stables drained; 4 cesspools abolished; 37 water-closets have been erected; 218 cleansed and repaired; 45 w.c. doors repaired or provided; 4 w.c.s sealed off. A pan, trap and water supply have been furnished throughout in 113 cases; pan and traps only furnished in 264 cases; pans only in 24 cases, and other fittings provided or improved in 232 cases, whilst the water supply has been renewed in 203 instances. The water supply for lavatory purposes has been disconnected from the drinking water system in 11 instances. Public-house urinals have been cleansed and repaired in 9 instances; 4 urinals were altered, 25 repaired or water laid on, and 1 constructed.

The vexed question of drain or combined drain or sewer is coming much more prominently to notice in this Borough, and whereas in the past owners have been more easily persuaded to reconstruct as combined systems of drainage many systems which had legally on technical grounds become sewers, now we find that they are taking a much more prominent stand, and require this Council to carry out their legal obligations in the matter, and in this way much of the drainage reconstruction work is held up, and at times have been temporarily abandoned.

**WATER SUPPLY.**—During the year 4 water supply certificates have been granted under Section 48 of the Public Health (London) Act, 1891. Defective water fittings have been remedied in 137 cases; 32 water supplies have been reinstated where the supply had been cut off; water fittings have been amended in 240 cases;

21 water supplies have been altered so as to draw direct from the main; water supply provided in 13 instances, and cleansing, repairing and covering cisterns in 5 cases.

Complaints have been received from time to time respecting the water supply in one portion of this Borough, but on the matter being taken up with the Metropolitan Water Board it was found that the altered character of the water was doubtless caused by the temporary chlorination of the same by that Board in the process of its purification, and when this had been explained to the complainants their fears have been allayed.

### Legal Proceedings under the Public Health (London) Act, 1891, and By-laws during the year 1921.

Premises.	Complaint.	Result of Proceedings.	Fine.	Costs.
9, Ransom Road ..	Non - compliance with Statutory Notice	Order to abate within 14 days	—	15/-
6, Kirkland Place ..	Ditto	Order to abate within 6 weeks	—	15/-
7, ditto ..	Ditto			
8, ditto ..	Ditto			
8, ditto ..	Ditto	Withdrawn (Work done)	—	5/-
2, Lombard Road ...	Ditto	Withdrawn (Work done)	—	2/-
122 & 124, West Street	Non-deposit of Drainage Plans	Withdrawn (Plans deposited)	—	5/-
Vicinity of Nos. 15 & 17, Sandtoft Road	Filth thrown upon part of street	Fined	5/-	10/-
1, Floyd Road ..	Non - compliance with Statutory Notice	Order to abate within 14 days	—	5/-
13, ditto ..	Ditto	Ditto	—	5/-
15, ditto ..	Ditto	Ditto	—	5/-
41, Park Street ..	Ditto	Withdrawn (Work done)	—	5/-
25, Sigismund Street	Ditto	Closing Order made	—	10/-
27, ditto	Ditto	Ditto	—	10/-
29, ditto	Ditto	Ditto	—	10/-



## FOOD.

**COWHOUSES.**—The four cowhouses in the Borough have been visited on 12 occasions, and the required cleansing has been duly enforced on 8 occasions.

**DAIRIES, COWSHEDS AND MILKSHOPS ORDER.**—At the commencement of the year there were 90 premises on the Register of Dairies and Milkshops; 17 new applications have been received during the year and added to the Register, and 18 names have been taken off, thus leaving a total of 89 premises now registered. During the year 107 visits of inspection have been paid to these premises; notices were served upon the occupiers in 3 cases where dairies required limewashing.

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, no registration was refused on the ground of unsuitability of the premises.

(a) **MILK SUPPLY.**—The majority of milk supplied to this Borough is obtained from farmers and large firms outside the district.

An application was made by the largest cowkeeper in this district during the year for permission to again bring into use certain of his premises which had been condemned as a cowshed for many years, so that they might now be utilised for the purpose of producing Grade "A" Milk. On going carefully into the matter it was found that the regulations dealing with this Grade "A" Milk practically make it possible for this class of milk to be produced in premises almost in a derelict condition. It was pointed out, however, that, seeing that this Council had required modern premises for the production of ordinary milk, it was more than likely they would require at least modernised premises for the production of this special Grade "A" Milk. It was further pointed out that upon the requirements of the Ministry of Health as to the herd supplying Grade "A" Milk being certified as "Tubercle Free" being complied with, I should require to be informed as to what had happened to the milking cows which had been found on examination to be tuberculous, it being intended by the applicant, until the point was raised, that such cattle as were found on test to be tuberculous should be returned to the ordinary herd for the supply of ordinary quality of milk. Presumably on the applicant's further consideration of these points the application was dropped, as nothing further has been heard on the matter. This application has, however, brought to light the above two points, and particularly the latter one, that animals giving a positive reaction, whilst being excluded from the production of Grade "A" Milk, are still allowed to continue to produce milk of the ordinary quality, and whilst this continues to be permitted I do



not see any hope of obtaining "Tubercle Free" milk for the general supply of the population, and, accordingly, cannot see how we can expect any marked reduction in the amount of alimentary tuberculosis amongst the juvenile population. This point has been further prominently brought to my notice during the current year by being called to see the carcasses of two beasts at a local butchers, when I found them to be the subject of extensive tuberculosis, necessitating the condemnation of very nearly the whole of the two carcasses, and on enquiry into the origin of these two animals I found that they had come from this same cowkeeper, and had been supplying milk until within quite a recent period.

The moral of this story would appear to be that the general public buying ordinary milk should always shun dairies who also specialise in the supply of Grade "A" Milk, on account of the possibility, in fact almost probability, that the ordinary milk from that dairy will contain a greater proportion of tubercular infection than would the ordinary milk obtained from a firm not also specialising in the production of Grade "A" Milk, which, in my opinion, is certainly not a condition of things making for the general public good.

**MILK AND CREAM REGULATIONS, 1912 AND 1917.**—During the year no special samples were taken under these regulations, but by arrangement with the Public Analyst all samples of milk analysed by him were reported upon as to the presence or absence of preservatives. No samples of Cream were taken, either preserved or fresh, for this article is used to a very limited extent.

**MILK (MOTHERS AND CHILDREN) ORDER, 1919.**—During the year 52,693 lbs. (23 tons 10 cwt. 1 qr. 25 lbs.) of dried milk of various kinds have been supplied under these Orders to mothers and children attending our Infant Consultation Centres.

(b) **MEAT.**—During the year it was not found necessary to seize any animal or meat exposed for sale, or deposited in any place for the purpose of sale, or preparation for sale.

The following were voluntary surrendered and destroyed:—5 lbs. of beef, 7 lbs. pigs' liver (2), 60 lbs. rabbits (24).

**SLAUGHTERHOUSES.**—The number of Slaughterhouses in use in the Borough are as under:—

	In 1914.	In January, 1921.	In December, 1921.
Registered ... ..	—	—	—
Licensed ... ..	4	4	4
	4	4	4



Twenty-one inspections were made by the Inspectors during the year.

(c) OTHER FOODS.—Places where food is prepared have been visited on 158 occasions, improvements being required in 28 instances as detailed below:—

Class of Premises.	NUMBER OF LISTS.				Number of Inspections.	Number of instances where matters needed attention.
	At end of 1920.	Added 1921.	Re-moved 1921.	At end of 1921.		
Hotel Kitchens ...	5	—	1	4	4	1
Eating Houses ...	52	8	11	49	56	17
Fried-Fish Shops ...	26	4	4	26	35	10
Pork Butchers ...	14	9	1	22	23	—
Mineral Water Manufacturers ...	1	—	—	1	2	—
Ice do. ...	2	—	1	1	2	—
Sausage do. ...	17	6	1	22	23	—
Others ...	8	6	1	13	13	—
TOTALS ...	125	33	20	138	158	28

The 28 instances where matters needed attention included cases where the premises generally, or kitchen and scullery particularly, needed cleansing and lime-washing, 6 where the sanitary arrangements were defective, 1 which required reconstruction, 10 for want of ashpit, and 1 where the premises were not constructed in accordance with the L.C.C. By-laws.

Arrangements have been made for an Inspector to be on duty every Saturday evening for the purpose of inspecting shops and other premises where food is prepared, sold or exposed.

At the Foreign Animals' Wharf, now being used as a Reserve Supply Dépôt for Army Stores, there is still a quantity of such stores containing amongst them a large proportion of provisions unfit for the food of man, and from time to time applications are made to allow quantities of such stores to be released for purposes other than for human food.

During the year 6,092 cases, each containing 48 lb. tins of preserved meat have been so released, 3,338 lbs. of jam, 2,175 cases

of 22lb. tins of margarine, and 2 cases pea soup powder. In each case the Medical Officer of Health of the district to which such consignments have been forwarded has been advised of the matter.

No seizures of unsound food were made during the year, but a number of tradesmen voluntarily surrendered certain articles of food as unwholesome or unfit for the food of man in addition to the meat already referred to, particulars of which are set out on page 29.

ICE CREAM PREMISES.—There were 54 premises known at the commencement of the year where the manufacture of this commodity was carried on; 39 have been added during the year and 11 taken off, leaving a total of 82 premises. These premises were inspected on 96 occasions, and improvement required by way of cleansing of the premises in 9 cases.

BAKEHOUSES.—Eighty-eight inspections have been made of the various Bakehouses in the Borough, and 45 nuisances found therein have been abated.

At the end of the year there were 5 Factory and 38 other Bakehouses on the Register, 13 of which are underground.

FOOD AND DRUGS ACTS.—Four hundred and thirty-six 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 422 were certified to be genuine and 14 adulterated, the adulterations thus being equivalent to 3.21 per cent. of the samples taken.

Of the total number of samples purchased, 111 were milk, of which 6 were certified to be adulterated; the remaining adulterated samples were 5 of vinegar, and 3 of dripping.

Proceedings were taken in 8 cases, resulting in fines and costs being imposed in 6 instances. The remaining two cases were dismissed, one on account of warranty proved, and the other owing to the defendant's good character, costs being granted.

A warning letter was sent in 4 cases.



Sale of Food and Drugs Acts.—Number and Description of Samples purchased for Analysis under the above Acts during the Year 1921.

Description of Samples.	Number of Samples Purchased.	Number Genuine.	Number Adulterated	Remarks as to Action taken.
Baking Powder ..	14	14	—	—
Butter ... ..	70	70	—	—
Cocoa ... ..	1	1	—	—
Coffee ... ..	1	1	—	—
Cooking Fat ...	1	1	—	—
Dripping ... ..	68	65	3	Police Court proceedings in one case. One warning letter sent.
Milk ... ..	111	105	6	Police Court proceedings in three cases, and two warning letters sent.
Milk, Separated ...	1	1	—	—
Pearl Barley ...	30	30	—	—
Rice ... ..	40	40	—	—
Self-Raising Flour ...	5	5	—	—
Vinegar ... ..	94	89	5	Police Court proceedings in four cases, and one warning letter sent.
TOTAL ... ..	436	422	14	

## Sale of Food and Drugs Acts.

Administrative Action regarding Samples reported to  
be NOT GENUINE.

No. of Sample	Description of Sample.	Nature of Adulteration.	Result of Proceedings.
288	Dripping ..	Admixed with 25 per cent. of butter fat	No action taken.
351	"	Admixed with 2 per cent. of water	Warning letter.
367	"	Admixed with 7.3 per cent. of water	Fine, 8s.; Costs, £1 12s.
72	Milk ..	Admixed with 7 per cent. of water	Fine, £8 18s. 6d.; Costs, £1 1s. 6d. (Defendant previously convicted).
101	"	Slightly deficient in solids not fat	No action taken.
118	"	After allowing for excess fat, slightly deficient in solids not fat	Warning letter.
187	"	Admixed with 2 per cent. of water	Warning letter.
206	"	Deficient in fat to the extent of 19 per cent.	Fine, 10s.; Costs, £1 12s.
306	"	Admixed with 8 per cent. of water	Case dismissed on account of defendant's good character. Costs, £1 12s.
320	Vinegar ..	Deficient in acetic acid to the extent of 26 per cent.	Fine, 8s.; Costs, £1 12s.
360	"	Deficient in acetic acid to the extent of 12 per cent.	Fine, 8s.; Costs, £1 12s.
327	"	Deficient in acetic acid to the extent of 1.5 per cent.	Warning letter.
36	"	Deficient in acetic acid to the extent of 7 per cent.	Case dismissed. Warranty proved.
395	"	Deficient in acetic acid to the extent of 9 per cent.	Fine, 8s.; Costs, £1 12s.

In connection with the legal proceedings taken under the Sale of Food and Drugs Acts, it is interesting to note that in the case of Sample No. 367 the conviction was based on the standard of purity laid down under the Sale of Food Order, 1921.



### Supplemental Vaccination Return for 1920.

Return made on or before the 9th of February, 1922, 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, 1920, inclusive:—

Registration Sub-Districts comprised in the Vaccination Officer's District.	No. of Births from 1st Jan. to 31st Dec., 1920.	Number of these Births duly entered by 31st Jan., 1921.					No. of Births which on 31st Jan., 1921, remain unentered in the Vaccination Register on account of—			No. of these Births remaining on 31st Jan., 1921, not accounted for.
		Successfully Vaccinated.	Insusceptible of Vaccination	Had Small-pox.	Certificates of conscientious objections 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
East Greenwich ...	1,289	691	3	...	362	71	1	45	29	87
West Greenwich...	714	378	1	...	215	37	...	3	22	58
South Deptford ...	688	319	...	...	262	32	...	11	11	53
North Deptford ...	1,467	717	9	...	472	74	...	21	22	152
East Deptford ...	1,288	574	2	...	304	85	...	5	64	254
TOTAL ...	5,446	2,679	15	...	1,615	299	1	85	148	604

Dated February 2nd, 1922.

A. E. ROSSITER, Vaccination Officer.

### Charlton and Kidbrooke.

No. of Births entered in "Birth List Sheets" as registered from 1st January to 31st December, 1920 ...	447	Statutory Declarations of Conscientious Objection ...	105	Removed to places unknown, or which cannot be found; and cases not traced...	6
Successfully Vaccinated ...	310	Dead Unvaccinated ...	18	Not accounted for...	1
Insusceptible of Vaccination ...	1	Postponed by Medical Certificate	2		
Had Small-Pox ...	—	Removed to Districts the Vaccination Officer of which has been duly apprised ...	4		

G. E. OUGHTON.

NOTIFICATIONS UNDER THE PROVISIONS OF THE PUBLIC HEALTH (LONDON) ACT, 1891.—During the year 3,227 cases have been notified under the above Act, as compared with 2,613, 2,820 and 2,116 respectively in the preceding years 1918, 1919 and 1920.

SMALL-POX.—No case of this disease occurred in the Borough during the year.

Details respecting vaccination in the Borough are given in the Supplemental Vaccination Reports on page 34.

DIPHTHERIA.—Five hundred and ninety-five cases of Diphtheria were notified during the year, as compared with 322, 240, 275 and 391 respectively in the years 1917, 1918, 1919 and 1920. The distribution of these cases was as follows:—332 in East Greenwich, 154 in West Greenwich, 24 in St. Nicholas, 56 in Charlton and 29 in Kidbrooke.

Of this total number, 572 were removed to the Hospital for treatment, amongst which number the Hospital Authorities reported that in 7 cases they considered the diagnosis incorrect.

The exceptional number of Diphtheria cases are accounted for in part by a considerable epidemic of this disease at the Royal Hospital Schools. In all, 109 cases occurred between 10th September and 10th December, and these cases are, of course, all included in the figure of 154 for West Greenwich.

The School Authorities, in conjunction with the officers of the Public Health Department, used every endeavour to deal adequately with the outbreak. The epidemic, which was of a mild character, died down shortly before the Christmas recess, but, in order that every precaution might be taken, the Medical Officers of Health of the various districts to which the boys journeyed were notified so that they could be kept under observation. The premises meanwhile were thoroughly disinfected throughout by an augmented staff under the direction of the Council's Disinfectors.

There were 13 fatalities due to this disease, which gives a case mortality of 4·3 per cent.

Two thousand five hundred and forty-two specimens were forwarded by medical practitioners for bacteriological investigation from cases suspected to be Diphtheria. Of this number 2,276 were reported to give negative or doubtful results, and 266 were positive in character, being dealt with accordingly.

The quarterly incidence of the disease for 1921 has been as follows:—



*1st Quarter*—East Greenwich, 96 cases; West Greenwich, 16; St. Nicholas, 10; Charlton, 16; Kidbrooke, 10; a total of 148 cases.

*2nd Quarter*—East Greenwich, 35 cases; West Greenwich, 8; St. Nicholas, 5; Charlton, 12; Kidbrooke, 7; a total of 67 cases.

*3rd Quarter*—East Greenwich, 64 cases; West Greenwich, 20; St. Nicholas, 6; Charlton, 3; Kidbrooke, 3; a total of 96 cases.

*4th Quarter*—East Greenwich, 137 cases; West Greenwich, 110; St. Nicholas, 3; Charlton, 25; Kidbrooke, 9; a total of 284 cases.

MEMBRANOUS CROUP.—There was one case of Membranous Croup notified during the year, such case occurring in St. Nicholas.

ERYSIPELAS.—Fifty-seven cases were notified during the year, 30 being in East Greenwich, 14 in West Greenwich, 7 in St. Nicholas, 6 in Charlton. Fourteen of these patients were removed to a Public Institution in the district.

SCARLET FEVER.—Nine hundred and fifty-eight cases were notified during the year, as compared with 167, 481 and 587 cases respectively in the years 1918, 1919 and 1920; 424 cases were in East Greenwich, 194 in West Greenwich, 44 in St. Nicholas, 163 in Charlton and 33 in Kidbrooke; 888 of these cases were removed to the Hospital for treatment. There were three deaths from this disease during the year as against 7 last year.

Eleven of the cases removed to Hospital were discharged and notified to be still suffering from Chronic Rhinitis, 4; Chronic Otorrhœa, 7; Total, 11.

Mention has already been made of the epidemic of Diphtheria at the Royal Hospital Schools. Contemporaneous with this outbreak was also an epidemic of Scarlet Fever, a total of 122 cases being notified. The same remarks with regard to the supervision, disinfection, etc., apply as are mentioned in connection with the Diphtheria outbreak.

The following table gives particulars of the seven cases which would seem to be "return cases." There were 6 such cases in 1920, 6 in 1919, 2 in 1918 and 0 in 1917.

Table showing Return Cases of Scarlet Fever during Year 1921.

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	22nd Oct., 1920	23rd Oct., 1920	13th Jan., 1921	19th Jan., 1921	5 days	Apparently well.
2	16th Nov., 1920	17th Nov., 1920	23rd Feb., 1921	4th Mar., 1921	9 "	Discharge from nose and ears.
3	25th Feb., 1921	26th Feb., 1921	18th April, 1921	27th April, 1921	7 "	" " " "
4	22nd June, 1921	23rd June, 1921	6th Aug., 1921	10th Aug., 1921	4 "	Apparently well.
5	23rd Aug., 1921	24th Aug., 1921	3rd Oct., 1921	11th Oct., 1921	7 "	" "
6	2nd Oct., 1921	3rd Oct., 1921	7th Nov., 1921	16th Nov., 1921	4 "	" "
7	26th Sept., 1921	26th Sept., 1921	9th Nov., 1921	21st Nov., 1921	8 "	Hands peeling.



**TYPHOID FEVER.**—There were 11 cases of Typhoid Fever notified during the year, 2 being in East Greenwich, 6 in West Greenwich, 2 in Charlton and 1 in Kidbrooke. The ages of the patients were: 6 between five and fifteen years, 3 between fifteen and twenty-five years, 1 between twenty-five and forty-five years, and 1 between forty-five and sixty-five years. Of the total number of cases, 10 were removed to the Hospital for treatment. Fifteen such cases occurred in 1920, 20 in 1919, 12 in 1918 and 3 in 1917, the average number for the previous 10 years being 14.

There were two fatalities from this disease during the year, both being in West Greenwich.

No cases of Enteric Fever were traceable to shell-fish.

Thirteen specimens were forwarded for bacteriological examination from cases suspected to be Typhoid Fever in character, 1 giving a positive result.

**PUERPERAL FEVER.**—Eleven cases of this disease were notified during the year, 4 being in East Greenwich, 2 in West Greenwich, 3 in St. Nicholas and 2 in Charlton.

There were 5 cases in 1920, 5 in 1919, 1 in 1918 and 3 in 1917. There were 5 deaths from this disease during the year.

**MEASLES.**—This disease was made permanently notifiable by an Order of this Council, approved by the Ministry on the 1st July, 1920.

Five hundred and seventy-two cases were notified during the year, as compared with 36 during the previous six months, and 925, 794 and 1,469 in the years 1919, 1918 and 1917 respectively.

The ages and incidence of fatality of the disease were as follows:—There were 249 cases under five years of age, amongst whom there were 5 deaths, giving a case mortality of 2 per cent. Between the ages of five to fifteen years there were 318, with 0 deaths at this age period. Between fifteen and twenty-five there were 4 cases, and 1 case between twenty-five and sixty-five.

The case mortality for the whole district works out at .87 per cent.

Table showing number of Measles Cases reported during the year 1921.

## 1ST QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich ... ..	1	8	6	—	1
West Greenwich ... ..	3	2	3	1	—
St. Nicholas, Deptford ... ..	1	—	—	—	—
Charlton ... ..	—	—	3	—	—
Kidbrooke ... ..	—	—	—	—	—
Total... ..	5	10	12	1	1

Total 29.

## 2ND QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich ... ..	2	76	127	—	—
West Greenwich ... ..	2	18	17	—	—
St. Nicholas, Deptford ... ..	1	—	1	—	—
Charlton ... ..	2	14	54	—	—
Kidbrooke ... ..	—	1	5	—	—
Total... ..	7	109	204	—	—

Total 320.

## 3RD QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich ... ..	—	5	4	—	—
West Greenwich ... ..	—	1	—	—	—
St. Nicholas, Deptford ... ..	—	1	1	—	—
Charlton ... ..	—	1	3	—	—
Kidbrooke ... ..	—	—	—	—	—
Total... ..	—	8	8	—	—

Total 16.

## 4TH QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich ... ..	1	11	9	1	—
West Greenwich ... ..	5	84	54	1	—
St. Nicholas, Deptford ... ..	—	—	—	—	—
Charlton ... ..	2	7	31	1	—
Kidbrooke ... ..	—	—	—	—	—
Total... ..	8	102	94	3	—

Total 207.

Total cases in year = 572.



**ZYMOTIC ENTERITIS OR SUMMER DIARRHŒA.**—Two hundred and eleven cases of Diarrhœa were notified throughout the whole of the Borough, 105 being under one year of age; 106 between one and five. Sixty of such notifications related to patients in East Greenwich, 88 in West Greenwich, 10 in St. Nicholas and 53 in Charlton.

There were 27 deaths ascribed to this disease, compared with 22 in the previous year.

**WHOOPING COUGH.**—The temporary Order for the notification of this disease terminated on the 31st October last, and from a consideration of the results derived from such notification this Council decided to make Whooping Cough permanently notifiable, and an Order was granted by the Ministry of Health as from the 1st November, 1921.

Three hundred and twenty-one cases were notified (compared with 365 in 1920), 47 being under one year of age, 165 from one to five, 107 from five to fifteen, 1 from 25 to 45, and one 65 years and upwards, the districts concerned being East Greenwich, 195; West Greenwich, 87; St. Nicholas, 16; Charlton, 20; and 3 in Kidbrooke. Each of these cases was visited and leaflets and instructions left, together with verbal advice respecting the isolation and care of the patient.

**EPIDEMIC CEREBRO-SPINAL MENINGITIS, CEREBRO-SPINAL FEVER, OR POST-BASAL MENINGITIS.**—There was 1 case of this disease notified during the year, which occurred in East Greenwich.

**ACUTE POLIO-MYELITIS OR ACUTE POLIO-ENCEPHALITIS.**—This disease was permanently added to the list of notifiable infectious diseases during 1914, on an Order of the London County Council, approved by the Local Government Board.

There were 3 cases notified during the year, as compared with 2 cases in 1918, 1 in 1919 and 0 in 1920.

**OPHTHALMIA NEONATORUM.**—During the year 12 cases of this disease have been notified, 4 being in East Greenwich, 7 in West Greenwich and 1 in Charlton.

Further particulars of this disease will be found on page 58.

**CONTACTS.**—Two intimations were received from the Medical Officers of Health of the various Port Sanitary Authorities respecting persons who had been in contact with Small-Pox, and 5 with Plague, which were kept under observation.



**MALARIA.**—There were 8 cases of Malaria notified during the year, 1 in East Greenwich, 4 in West Greenwich, 1 in St. Nicholas, 1 in Charlton and 1 in Kidbrooke, as compared with 20 last year.

**ENCEPHALITIS LETHARGICA.**—There were three cases of this disease notified during the year.

**GLANDERS.**—No case of Glanders has occurred within the Borough.

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

**TUBERCULOSIS.**—During the year there were 336 cases of Tuberculosis notified in the Borough, 263 being pulmonary cases, ordinarily known as Consumption, and 73 non-pulmonary, being Tuberculosis affecting other portions of the body than the lungs. Of this number of cases, 116 pulmonary and 24 non-pulmonary occurred in East Greenwich, 52 pulmonary and 26 non-pulmonary in West Greenwich, 22 pulmonary and 14 non-pulmonary in St. Nicholas, 68 pulmonary and 8 non-pulmonary in Charlton, and 5 pulmonary and 1 non-pulmonary in Kidbrooke. The various ages of the patients were as follows:—Pulmonary cases under one, 0; from one to five, 5 cases; five to fifteen, 51 cases; fifteen to twenty-five, 62 cases; twenty-five to forty-five, 96 cases; forty-five to sixty-five, 45 cases; and 4 cases over sixty-five; whilst the Non-Pulmonary were: under one year of age, 2 cases; one to five, 10 cases; five to fifteen 37 cases; fifteen to twenty-five, 7 cases; twenty-five to forty-five, 12 cases; forty-five to sixty-five, 4 cases, and 1 case over sixty-five.

Four hundred and thirty-three specimens were forwarded by medical practitioners for bacteriological investigation from patients suspected to be consumptive; 317 were reported to be negative and 116 positive.

Disinfection has been offered and carried out in 100 cases, including 134 rooms and 431 articles of bedding, etc.; disinfectant has also been supplied to patients to disinfect sputum, etc., and sputum pots where such are found necessary.

#### DISINFECTION.

In July last the Council purchased for the sum of £535 10s. a one-ton Ford Motor Van with two interchangeable bodies, for use in connection with the collection and return of infected bedding, clothing, etc., thus superseding the old method by horse and cart. The motor van has been in constant use and greatly facilitated the handling of the great amount of work caused through the epidemic of Diphtheria and Scarlet Fever.

The total mileage up to 31st December, 1921, was 3,722 miles, giving an average daily mileage of  $25\frac{1}{2}$  miles.

The following tables show in detail the work carried out by the Disinfecting Staff during the year:—



Number of Articles and Rooms Disinfected in connection with the Undermentioned Diseases for the 52 weeks ending 31st December, 1921.

INFECTIOUS DISEASES.	Premises Entered.	Rooms Disinfected.	Beds Disinfected.	Palliasses Disinfected.	Mattresses Disinfected.	Holsters Disinfected.	Pillows Disinfected.	Blankets Disinfected.	Sheets Disinfected.	Cushions Disinfected.	Quilts Disinfected.	Odd Articles Disinfected.	Total No. Articles Disinfected.
Polio-Myelitis ... ..	3	7	1	—	1	1	1	5	4	—	1	18	32
Small-pox ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ... ..	715	842	495	5	411	415	1154	1132	59	86	341	440	4538
Diphtheria ... ..	400	514	112	—	57	73	242	273	21	22	76	153	1029
Enteric Fever ... ..	8	10	8	—	3	7	22	15	2	—	8	47	112
Puerperal Fever ... ..	6	6	5	1	3	7	16	10	5	—	6	15	68
Tuberculosis ... ..	100	134	59	2	34	42	148	53	14	15	21	43	431
Other Diseases ... ..	51	83	38	7	24	35	88	54	13	7	15	145	426
Measles ... ..	3	3	—	—	—	—	—	—	—	—	—	—	—
From Verminous Premises ...	13	18	9	1	4	5	13	124	2	2	12	300	472
Scabies ... ..	11	11	9	—	1	2	6	7	7	—	1	2	35
Influenza and Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Meningitis ...	1	1	—	—	—	—	—	—	—	—	—	—	—
TOTAL ... ..	1311	1629	736	16	538	587	1690	1673	127	132	481	1163	7143

Number of Articles Destroyed in connection with the Undermentioned Diseases  
during the 52 weeks ending 31st December, 1921.

INFECTIOUS DISEASES.	Beds.	Palllasses.	Mattresses.	Bolsters.	Pillows.	Blankets.	Sheets.	Cushions.	Quilts.	Miscellaneous.	Total.
Small-pox ... ..	...	...	..	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	4	2	5	...	...	...	...	...	...	...	11
Diphtheria ... ..	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ... ..	...	...	...	...	...	...	...	...	...	...	..
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis ... ..	2	2	2	..	1	...	...	...	1	8	16
Other Diseases ... ..	7	4	3	2	8	3	8	...	...	115	150
From Verminous Premises	2	...	...	...	...	...	...	...	...	300	302
TOTAL ... ..	15	8	10	2	9	3	8	...	1	423	479



Reference has already been made in the Report in the section dealing with Infectious Diseases as to the disinfection carried out at the Royal Hospital Schools. Besides the thorough disinfection of the entire premises, over 3,000 blankets were removed and disinfected at the Council's Disinfecting Station.

### HOUSES INSPECTED AND INQUIRIES MADE IN CONNECTION WITH INFECTIOUS DISEASE.

Number of Houses Inspected and Inquiries made by Infectious Disease Inspector ... ..	1,754
Number of Re-visits ... ..	4,012

The Health Visitors also visited 1,127 cases, and re-visited when required.

The following books belonging to the Libraries, etc., were destroyed in consequence of Infectious Disease:—

Central Libraries, 201; School Libraries, 16; Total, 217.

### CLEANSING STATION, BLACKWALL LANE.

In connection with the cleansing of verminous school children, the arrangements made with the London County Council for reserving the use of the Council's Cleansing Station on Mondays, Wednesdays and Thursdays have been in operation up to 14th December, 1921, when, in consequence of the decreased number of children suffering from Scabies, it was deemed necessary to utilise the Cleansing Station only on Mondays and Thursdays.

The following table shows the number of children cleansed:—

1st quarter	...	...	...	...	436
2nd „	...	...	...	...	423
3rd „	...	...	...	...	223
4th „	...	...	...	...	314
Total ... ..					1,396

Fifty-one adults suffering from vermin were also given cleansing baths. In every case the infested clothing was disinfected.

## REPORT OF THE TUBERCULOSIS OFFICER.

*To the Medical Officer of Health.*

SIR,

In presenting the Ninth Annual Report of the Dispensary, it is necessary to point out that by the passing into law of the National Health Insurance Act of 1920, Sanatorium benefit as provided by the Insurance Act of 1911 ceased as from the 30th April, 1921, and institutional treatment for both insured and uninsured patients suffering from Tuberculosis, together with the supervision of domiciliary cases, now rests with the London County Council.

This change does not affect the work of the Dispensary, and the Borough scheme for dealing with Tuberculosis remains as described in the report of last year.

At the close of 1921 it was estimated that there were alive and residing in the Borough some 1,308 persons suffering from Tuberculosis, viz.:—

	Men.	Women.	Children.
Pulmonary Tuberculosis (Consumption)	326	278	111
Other Forms (Glands, Bones, etc.) ...	47	50	496

These figures include every case notified to the Public Health Department since 1912, and show a slight decrease from the previous year. Of the 496 children noted above, the large majority of them suffer from "enlarged glands."

THE PRIMARY NOTIFICATIONS for 1921 numbered 336, of which 263 were of Pulmonary Tuberculosis and 73 of other forms. It is to be regretted that the remarks of last year with regard to notification are still applicable. Thus 32 patients died before notification was received. The great majority of these non-notified cases were connected with Hospitals and similar institutions. Efforts are being made to overcome this difficulty.

Taking Pulmonary Tuberculosis alone, 119 patients died in 1921, and the Death-Notification interval works out as follows:—

Died before notification received ...	...	...	...	32
Died within one week of notification ...	...	...	...	8
" " one week to one month of notification ...			...	6
" " one month to three months of notification ...			...	18
" " three months to six months of notification...			...	13
" " six months to twelve months of notification			...	11
" " one year to two years of notification ...			...	18
" " two years to three years of notification ...			...	4
" " three years to four years of notification ...			...	3
" " four or more years after notification ...			...	6

The following table gives the Notifications and Deaths from Pulmonary Tuberculosis, with the Incidence and Death Rates for



each year since 1912. The details as to Ward distribution, age and sex will be found in the report of the Medical Officer of Health.

Year.	Notifications.	Incidence per 1000.	Deaths.	Death Rate per 1000.
1912	394	4.1	172	1.80
1913	281	2.9	112	1.15
1914	308	3.2	129	1.35
1915	432	4.4	154	1.60
1916	223	2.1	132	1.40
1917	268	2.6	182	2.01
1918	267	2.6	146	1.62
1919	300	2.9	141	1.35
1920	264	2.5	120	1.14
1921	263	2.6	119	1.18

HOME CONDITIONS.—Owing to the prevailing distress caused through unemployment and the continued housing shortage, the home conditions of the patients show little improvement. Much overcrowding exists, and is unavoidable. Following up the inquiry of last year, the sleeping accommodation of 300 patients suffering from Pulmonary Tuberculosis was noted as follows:—

143 were sharing a bed.

91 had a separate bed, but not a separate room.

66 had a separate bed and a separate room.

The four shelters provided by the Council were in constant use, and more shelters might possibly be provided if more patients could be induced to sleep in them. The shelters are occupied by three males and one female.

Every effort is made by the nurses to encourage patients to have their bedroom windows open, and to live the "open-air life" as far as practicable.

The need for accommodation for advanced cases is still claimant, but at present it seems impossible to obtain this, and the only alternative advice that can be offered is to refer such cases to the workhouse.

Dealing with the Dispensary itself, 925 new patients were examined during the year. The sources from which these patients came will be found in the following table:—

	Males.	Females.	Children.	TOTAL.
Doctors ... ..	73	56	46	175
Hospitals ... ..	7	3	11	21
School Medical Service	—	—	66	66
Insurance Commissioners	6	2	—	8
Ministry of Pensions...	29	—	—	29
Own Application ...	2	16	46	64
Other Sources ... ..	1	6	23	30
Nurses (Contacts) ...	50	155	327	532
	168	238	519	925

CONTACTS.—The search for contacts is still vigorously pursued by the Dispensary staff, and again I would draw attention to the work of the nurses in inducing such a large number of contacts to submit to examination—a very difficult matter in many instances. Of the contacts examined 89 were found tuberculous and placed under treatment. These are cases which otherwise would have been overlooked.

THE WORK OF THE NURSES might be tabulated as follows:—

	Visits.	Cases Notified.	No. of Contacts.	Contacts Examined.	Re-examined.	Proved Tuberculous.
Nurse Aldis ... ..	1,379	71	185	72	19	13
„ Wilkins ... ..	1,283	114	289	223	28	36
„ Husbands ... ..	1,573	87	229	141	23	27
„ Heastman ... ..	1,573	64	160	96	34	13
	<b>5908</b>	336	863	532	104	89

In reading the table it should be remembered that the “character” of the contacts varies in some of the districts, greater pressure being required in some districts, where the importance of examination is not recognised.

Out of a total of 863 contacts no fewer than 532 were examined, or, including the re-examinations, 636, giving 74 per cent., an excellent result, and a high tribute to the nurses concerned.

The Dispensary has many important functions, but not one more important than this searching out of contacts. If any hope



is to be looked for in the way of preventing infection it must come from this direction.

The work of the Dispensary is shown in the Statistical Table, and explains itself.

From the table it will be noticed that 161 patients were diagnosed at the Dispensary as suffering from Pulmonary Tuberculosis, and 57 from Non-Pulmonary Tuberculosis.

DIAGNOSIS.—Before diagnosing Tuberculosis in children and non-bacillary adults, a certain diagnostic standard was this year adopted at the Dispensary. This standard followed closely that used in the famous Framingham Demonstration, and was found exceedingly helpful. In addition, certain confirmatory tests were used, viz.:—

1. The multi-papillary cutaneous tuberculin test (Ellis).
2. X-ray examination.
3. The chemical examination of the sputum for albumin.
4. Blood pressure.

By these methods it is hoped that few cases of Tuberculosis were missed, and, further, that no patient was labelled tuberculous who did not give good reason for the same.

DURATION OF ILLNESS.—In all cases of death from Pulmonary Tuberculosis inquiry is made as to how long the deceased had been ill. Where the patient had attended the Dispensary at any time there was seldom any difficulty in obtaining a fairly correct history, but in other cases the answers on this point were often vague and indefinite. Taking, however, 76 deaths (39 males, 26 females and 11 children) whose histories were recorded at the Dispensary, the average duration of illness for both sexes worked out at 35.5 months, the difference between the males and females being 5.6 months. In the children the average duration was 15.3 months. A larger series of cases will in time give more reliable data.

FAMILY HISTORY.—In 31 instances among the 76 deaths alluded to above, there was a history that some near relative was suffering from or had died of Tuberculosis—15 males, 9 females, 7 children.

TREATMENT.—Eighty per cent. of the patients in regular attendance at the Dispensary received or are receiving specific treatment—tuberculin, sodium morrhuate, Raw's vaccine, etc., but it is much too early to speak about results. Careful watch, however, is being maintained, and will form the subject of other reports.

SANATORIUM TREATMENT.—During the year 118 patients were referred to sanatoria and 18 to the infirmary. Of the sanatorium patients, one was admitted for the second time. The average dura-



tion of residence in the sanatorium was eleven weeks, but, again, it is regretted that too many patients discharge themselves against advice. Feeling better, and anxious to get home, they imagine themselves well, and insist on taking their discharge, only later on to regret their haste.

Of those sent to sanatoria, only 7 were discharged fit for "ordinary occupation," the remainder as unfit or only fit for such light work as is at present unobtainable.

Of those referred to the Infirmary, the majority (15) being advanced cases died in the Institution.

**DENTAL TREATMENT.**—Increasing attention is being paid to the state of the teeth of tuberculous patients, and during the year 93 patients were referred to the dentist for special treatment. All patients, however, were advised to see to the proper and regular cleaning of the teeth as part of their routine treatment. Impairment of the digestive function is an all-important symptom of tuberculosis, and without good teeth there cannot be good digestion.

The dentist reports as follows:—

Number of patients	...	...	93
" attendances	...	...	174
" extractions	...	...	84
" fillings	...	...	16
Cases of pyorrhœa alveolaris	...	...	7
Refused treatment	...	...	3

Gas was administered by the Tuberculosis Officer on twelve occasions, the number of patients being 33. The number of dentures supplied was 4, total cost amounting to £17 10s., of which £5 was subscribed by patients. A number of patients (3) preferred treatment by their own dentist.

The same arrangements exist between the Council and the British Dentists' Hospital as mentioned last year.

**X-RAY EXAMINATION.**—Increasing use is being made of this method of examination in assisting the diagnosis of Pulmonary Tuberculosis, especially in children, in whom the ordinary methods of examination not infrequently give no decided results. During the year 139 patients were so examined, 75 of whom were children. Of the 139 examinations, 132 were examinations of the chest and 7 of other parts.

The method is somewhat expensive, but more than worth the money spent on it.

**SPUTUM EXAMINATIONS.**—During the year 374 specimens of sputum were sent for examination to the Bacteriological Laboratory of the Seamen's Hospital, with the following results:—Positive, 98; Negative, 276.



At the same time 269 specimens were chemically examined at the Dispensary as to the presence of albumin, by way of assisting diagnosis. The following results were obtained:—

Group	I.	Tubercle Bacilli present and Albumin present	..	76
"	II.	" " "	" absent	... 16
"	III.	" " absent	" present	... 55
"	IV.	" " "	" absent	... 122

In Group II. nine specimens negative on first examination gave a positive result to albumin on re-examination.

With reference to Group III., albumin is present in several diseases of the lung besides Tuberculosis, but it is interesting to note that 19 of the 55 cases comprising this group were found by other methods to be tuberculous.

In Group IV. none of the cases have so far been found tuberculous.

The great value of the test is a negative one. If albumin is absent from the sputum on several examinations the case is almost certainly not tuberculous.

THE INTERIM TUBERCULOSIS CARE COMMITTEE continues its good work under not very encouraging circumstances. Full reference to this was made last year. I am indebted to Miss Johnston, the Hon. Secretary, for the following Report:—

"At the first meeting it was suggested that, as there was no prospect of the Borough Council carrying out the scheme for providing accommodation for advanced cases of Tuberculosis, that if a voluntary Committee could rent the three houses next to the Tuberculosis Dispensary, and raise sufficient money for alterations and furniture, the home could be carried on through payments received for patients from the London County Council.

"The Borough Council were approached, and at a special meeting of the Interim Tuberculosis Care Committee a Home of Rest Committee was formed of members of the Interim Tuberculosis Care Committee.

"This Committee met four times, but it was found advisable to drop the scheme for a time, the Borough Council having decided to sell the houses suggested for the Home.

"The continued shortage of houses prevents improvement in the condition of the homes, which are overcrowded and often badly in need of repairs. In one case only a couple were, with help from the Soldiers' and Sailors' Help Society, enabled to move from

one room to two. It is generally impossible to arrange for a patient to have a bedroom to himself (or herself), and sometimes impossible to squeeze in even a single bed. The Council lent a bed to a patient who was an ex-naval man, and the G.F.F. gave a grant for blankets, and to another patient a private donor gave a bedstead, and the family saved enough while the patient was at hospital to buy a blanket. Help was obtained for the families of two patients sent to sanatoria from the Soldiers' and Sailors' Help Society, and extra nourishment from Soldiers' and Sailors' Help Society, Soldiers' and Sailors' Families' Association and National Sailors' Fund for three patients. Clothes from British Red Cross Emergency Fund for two patients, and from Northampton's Charity, two convalescent letters for one patient and a grant towards child's clothes from Regimental Fund. Some of the parents are willing, when paying weekly for their children's treatment, to give a little each week to be saved until their return for clothes, bedding, etc.

"The total amount collected for the London County Council, and sent to the Comptroller in 1921, was £149 19s. 6d.

"During the year Nurse Thackeray resigned, and Miss Carter and Mrs. Purves joined the Committee. Mrs. Bacchus, who attended and did some visiting in connection with Randall Place Care Committee, has left Greenwich. Miss Dalton helped for three months, but left to go abroad for the winter."

It will be seen from a consideration of the above Report that much useful work has been accomplished.

In conclusion, I desire to acknowledge my indebtedness to the whole staff for their courtesy and co-operation in carrying out the work at the Dispensary.

I am, Sir,

Your obedient Servant,

M. MACDONALD, M.D., D.P.H.



Return as to Work carried out in connection with the  
Greenwich Dispensary for the Year 1921.

	Insured.		Uninsured.		
	Males.	Females.	Children under 16.	Adults. Males.	Females.
1. (a) Number of persons examined for the first time during the above period at or in connection with the Dispensary	156	82	519	12	156
(b) Number included under 1 (a) who were found to be suffering from pulmonary tuberculosis	67	23	40	6	25
(c) Number included under 1 (a) who were found to be suffering from non-pulmonary tuberculosis .. .. .	4	3	43	2	5
(d) Number included under 1 (a) who were found to be non-tuberculous .. .. .	72	44	376	3	110
(e) Number included under 1 (a) in whom the diagnosis was found to be doubtful .. .. .	13	12	60	1	16

	Insured.	Uninsured.
2. (a) Total attendances at the Dispensary [including attendances at the Dispensary of persons included under 1 (a)]	3,059	4,295
(b) Number of the above attendances at which systematic physical examinations and records were made .. .. .	561	1,357
3. Number of visits to patients at their own homes by the Dispensary Medical Officers in connection with the supervision of home conditions .. .. .	87	60
4. Number of visits to patients at their own homes by the Dispensary Nurses in connection with the supervision of home conditions and "following up" .. .. .	2,135	3,673
5. Number of persons suffering from or suspected to be suffering from tuberculosis referred to the Hospital to which the Dispensary is affiliated .. .. .	—	—
6. Number of consultations with the—		
(a) Medical Adviser of the Insurance Committee .. .. .	—	—
(b) Consulting Physicians at the Hospital to which the Dispensary is affiliated .. .. .	—	—
(c) Practitioners concerning patients .. .. .	147	91
7. Number of written Reports concerning individual patients made to—		
(a) Public Authorities .. .. .	515	287
(b) Practitioners .. .. .	44	40
8. Number of specimens of sputum examined .. .. .	265	109

M. MACDONALD, M.D., D.P.H.,

*Medical Officer of the Dispensary.*

## MATERNITY AND CHILD WELFARE.

In my Report for the year 1920 I referred to the projected use of Conduit House, 236, Trafalgar Road, not only for the purposes of a Municipal Crèche, but also for the holding of Infant Consultations, which would permit of our giving up Victoria Hall. The necessary alterations, etc., were carried out early in the year by the Council's Works Department at a cost of £607, and Conduit House was first used for Infant Consultation purposes in August.

The Council have also acquired the commodious premises, No. 105, Shooters Hill Road, the ground floor of which comprises very suitable accommodation for our Infant Consultation work in the Charlton and Kidbrooke area. This house was purchased for £1,275, and the necessary alterations were carried out by public contract at a cost of £693 10s. It may be added that the alterations carried out included the cutting off of the two upper floors, which were not required for Infant Consultation purposes, and this portion of the premises is let separately as a maisonette. The premises first came into use as a Centre for Infant Consultations in August, which enabled us to give up the use of the premises which had been previously rented for this purpose at Sunfields Memorial Churchroom.

Throughout the year seven Infant Consultations have been held weekly as follows:—

Borough Hall—Mondays, Tuesdays and Thursdays.

Conduit House—Mondays and Wednesdays.

Albany Institute—Thursdays.

Shooters Hill Road—Fridays.

In addition to these Consultations Ante-Natal Clinics were held Tuesday and Thursday mornings at the Borough Hall.

It will be noticed that the Infant Consultations represent one more than were held during 1920, three taking place at the Borough Hall instead of two. A glance at the table on page 57 will serve to convey an adequate appreciation of the really enormous number of attendances at these Clinics. The attendances at the Borough Hall were approximately twice those of the preceding year, owing to an extra Consultation being held, whilst the attendances at the other three centres show generally an appreciable advance.

At the end of 1920 Dr. F. L. Pickett was appointed as Maternity and Child Welfare Medical Officer in succession to Dr. Katherine McNeill, and commenced his duties officially on 24th January, 1921. I also have to acknowledge the services of Doctors Neary and Kellett, who regularly throughout the year conducted the



Consultations on Mondays and Thursdays respectively, when Dr. Pickett was engaged at the second Consultation.

Baby Shows were held early in October under the direction of a Special Committee consisting of the members of the Maternity and Child Welfare Committee of the Council, together with the Mayor and Mayoress and a number of prominent local ladies. The shows attracted record interest, the total number of entries being 432, which figure included 17 pairs of twins. The ready assistance rendered gratuitously as judges by several local medical practitioners as well as Maternity and Child Welfare Medical Officers in other Boroughs is gratefully acknowledged. The Committee were also indebted to local chemists and the firms from which the Council obtains its dried milk, drugs, etc., for substantial assistance towards the provision of prizes.

The entrants from each Centre were divided into three classes:

- Class 1.—Three to nine months.
- Class 2.—Nine to eighteen months.
- Class 3.—Eighteen months to five years.

Prizes were awarded at each Centre in the general competitions, and also for twins, and a special prize was granted to two babies who were triplets. (One of the triplets had died shortly before the Shows took place.)

**SUPPLY OF MILK, ETC., FOR EXPECTANT AND NURSING MOTHERS AND INFANT CHILDREN.**—On the 31st March, 1921, the Ministry of Health issued their circular No. 185, which permitted nursing and expectant mothers and children up to three years of age to receive one pint of milk per day, with one and a half pints to infants between the ages of three months and eighteen months in exceptional cases, and also extended the pint of milk to children between the ages of three years and five years, where such supplies were essential on the grounds of health, a medical certificate being required in these latter circumstances. Hitherto milk had been permitted without reservation for children up to the age of five years. Towards the end of the year the Ministry of Health suggested a drastic cutting down of the supplies, but, owing to strong representations from Local Authorities as to the ill effects which would be certain to follow such a procedure, the Ministry decided to continue in force the provisions outlined in the circular above referred to.

The suggestion in the Ministry's circular No. 185, that each application for assisted milk supply should be considered by at least one member of the Committee, preferably the Chairman, the Medical Officer of Health and a responsible financial officer, before a supply is authorised, and also that the Committee should meet



at frequent intervals to review cases authorised, has been literally followed, and all possible precautions have been taken to prevent any abuse of these facilities. Early in the year the Maternity and Child Welfare Committee considered that three cases in which the wages were misstated were 'deliberate attempts to obtain goods under false circumstances, and were regretfully compelled to institute Police Court proceedings, with the result that one applicant was fined 40s. or twenty-eight days, and the other two 20s. and 20s. costs and 21s. and 21s. costs respectively. It may be added that every care is taken to obviate overlapping on the part of the Guardians and ourselves, and for this reason immediately the week's applications are authorised information is sent to the Clerks of the Greenwich and Woolwich Guardians as to the families granted milk and the quantities allowed.

It may be explained here that milk is given free only in necessitous circumstances, a family being judged necessitous when the income per head per week, after deducting rent is not more than 8s. Those above this scale are able to purchase these commodities at practically cost price.

The following table shows the amount of dried milk, virol and emulsion purchased and distributed to the mothers attending the Consultations during the year.

	Free.	Sales.	Total amount distributed.
Milk ... ..	24,047 lbs.	28,646 lbs.	52,693 lbs.
Virol ... ..	596½ "	475 "	1,071½ "
Emulsion ... ..	302½ "	257½ "	560 "

With regard to the milk question I have always found that the use of a guaranteed full cream dried milk gives satisfactory results, and whilst representing a little more trouble to prepare for the use of infants than ordinary fresh milk, is, in my opinion, preferable to the latter on account of the dried milk being uniformly clean and containing a minimum of harmful bacteria. One pound of dried milk is approximately the equivalent of one gallon of fresh milk.

The number of dinners supplied to nursing and expectant mothers was 2,629. All these mothers were in necessitous circumstances, and the extra food was specially ordered by the Medical Officer in attendance at the Clinic as necessary to improve the health of the recipient. The dinners were provided at local dining



rooms under conditions of privacy at an average cost of 1s. per meal.

The following figures show the work carried out at the various Infant Consultation Centres and Ante-Natal Clinics :—

	Borough Hall.	Victoria Hall and Conduit House.	Sunfields Mem. Schoolroom and Shooters Hill Road.	Albany Institute.
Attendances ... ..	9,774	6,802	4,381	2,834
New Cases ... ..	776	570	259	218
Medical Consultations ... ..	4,687	3,498	2,211	1,490
Nursing mothers seen by Doctors	1,885	1,552	890	316

(The children are weighed and advice given to the Mothers at every attendance.)

Number of cases attending Ante-Natal Clinic 285

Number of Attendances ... .. 592

The total attendances of babies at our Crèche during the year were 2,896.

MINOR AILMENT CENTRE, BOROUGH HALL.—This Centre provides for the treatment of children from such minor ailments arising from ear, nose or throat trouble, eczema, etc.

During the year 45 cases attended, the number of attendances being 145.

The following continue their good work in the Borough :—

London County Council School Clinic.

Health Centre, Deptford Green.

Miss McMillan's Infant Crèche and Cleansing Station,  
Wellington Street.

Albany Institute Infant Consultation Crèche and Babies'  
Home.

Statement showing number of Visits, &c., made by  
Health Visitors.

	Visits.	Re-visits.	TOTAL.
Births under 1 year ... ..	2,194	2,962	5,156
"    over 1 year ... ..	369	2,713	3,082
Measles ... ..	632	213	845
Whooping Cough ... ..	333	137	470
Diarrhœa ... ..	194	144	338
Puerperal Fever ... ..	19	18	37
Ophthalmia Neonatorum ... ..	24	61	85
Pneumonia ... ..	28	24	52
Scabies ... ..	52	34	86
Verminous (L.C.C. Report) ..	37	34	71
Ante-Natal ... ..	354	118	472
Milk Scheme ... ..	668	369	1,037
Dental Treatment ... ..	47	19	66
Dinners ... ..	62	8	70
Seen in Office ... ..	1,108	—	1,108
Children Act ... ..	119	36	155
Lying-in Homes ... ..	2	—	2
Infant Consultation attended ...	749	—	749
Ante-Natal Clinics attended ...	98	—	98
C.O.S. Meeting attended ... ..	31	—	31
Inquest attended ... ..	1	—	1
Miscellaneous ... ..	111	5	116
Total ... ..	7,232	6,895	14,127

MATERNITY HOME.—Now that the Maternity Home is an established Institution, it is interesting to recall the fact that the suggestion of a Maternity Home first received the approval of the Council in June, 1919, and premises in Maze Hill were acquired, which it was thought at that time would be suitable for the purpose. Subsequently, however, these houses were found to require an amount of alteration and adaptation which from the financial aspect rendered the proposition impracticable.

It was on the 25th May, 1921, that the Council recommended the making of a definite offer for Kidbrooke House, No. 78, Shooters Hill Road, which had previously been used as a Nursing Institution, was in a fair state of repair, and which from other points of view appeared to be in every way suitable for the purpose required. The approval of the Ministry of Health was obtained to the purchase of the premises for a sum not exceeding £1,800, and subsequently the Ministry of Health approved the amount of £2,115 for the adaptation of the premises, and a sum of £1,372 for furnishing, making a total cost of slightly over £5,000. Having regard to the fact that practically one half of this cost was borne by the Ministry of Health, it will be seen that the initial cost of the Maternity Home, so far as the Greenwich Borough Council was



concerned, represents slightly less than a 1d. rate, and that the estimated annual figure for maintenance suggests that the annual cost to the rates will subsequently not exceed the equivalent of a  $\frac{1}{4}$ d. rate.

There is no question whatever that the Maternity Home is very greatly needed in Greenwich, on account of the fact that a large proportion of the residents, owing to their overcrowded condition, have no satisfactory accommodation of this nature. It will be possible to give special attention to cases of an unusual character, and it is confidently hoped that the Maternity Home will be the means of preventing many of the lifelong miseries which follow what should be a natural physiological function, but which, owing to lack of proper facilities and environment has become in too many cases an event fraught with grave danger both to mother and child.

The purchase of the premises was completed by the end of September, and the necessary redecoration, etc., was at once proceeded with by the Council's Works Department under the direction of the Borough Engineer.

**DENTAL WORK.**—The arrangements made with the British Dentists' Hospital that they should provide a qualified dental surgeon to attend on one half-day per fortnight to give dental attention to any patient certified by the Maternity and Child Welfare Medical Officer as requiring such, with a view to an improvement in their physical condition, are still in operation. Eighty-seven patients have been attended by the dental surgeon and 18 dentures have been provided, the total cost of the dentures being £70 15s., of which amount the Committee have decided that the patients should pay £55 10s.

**PUERPERAL FEVER.**—Eleven cases of this disease were notified during the year, one of which unfortunately proved fatal. There did not appear to be any common source of infection amongst these cases, as they occurred in different districts and at different times all over the Borough.

**OPHTHALMIA NEONATORUM.**—Twelve cases of this disease were notified during the year, both eyes being affected in 8 cases, and one eye only in the remaining 4 cases.

With the exception of one case, in which the patient is still attending Hospital for treatment, all the cases recovered.

Of the total number of cases, 7 occurred in West Greenwich, 4 in East Greenwich and 1 in Charlton.

**MEASLES.**—See pages 16, 38 and 39.

The following table gives the number and character of the intimations respecting births in the Borough :—



	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.
Total Number of Births notified in each year ...	2,513	2,280	2,497	1,992	1,735	2,085	2,714	2,564
(a) Attended by Midwives ...	1,338	1,226	1,314	1,095	990	1,159	1,494	1,452
(b) Attended by Doctors ...	1,175	1,054	1,183	897	745	926	1,220	1,112
Number of Still Births notified in each year ...	36	42	61	47	44	59	78	52
Number of Births registered in each year ...	2,409	2,347	2,354	1,967	1,753	1,968	2,643	2,366

CHILDREN ACT, 1908.—Section 2 (2) of the Children Act, 1908, provides for the Local Authority appointing one or more persons to be Infant Protection Officers, whose duty it shall be from time to time to visit any infants referred to in any notice given under Part I. of the Act, and the premises in which they are kept, in order to satisfy themselves as to the proper nursing and maintenance of the infants, or to give any necessary advice or directions as to their nursing and maintenance.

The Act further provides for the registration as a foster-mother of any person who undertakes for reward the nursing and maintenance of one or more infants under the age of seven years apart from their parents for a longer period than forty-eight hours.

In June, 1920, the Greenwich Borough Council made formal application to the London County Council in regard to the appropriate officers of the Greenwich Borough Council being authorised to exercise the powers of Infant Welfare Protection Visitors under Section 2 (2) of the Children Act, 1908, and at the meeting of the Greenwich Borough Council on 6th April, 1921, it was reported that the London County Council were prepared to authorise the officers of the Greenwich Borough Council to exercise the powers in question for a period of one year in the place of the visitors who had formerly been working under the direct supervision of the London County Council.

For a considerable period it had been only too evident that there was a good deal of duplication of work in connection with the supervision of nurse children.

Many of the foster-mothers were in the habit of bringing their nurse children to the Infant Consultations, where they were, of



course, under the supervision of the Health Visitor in charge, who might, and often did, have occasion to visit the homes of the children in the course of their district visiting.

Dr. Hamer, Medical Officer of Health of the London County Council willingly rendered me every assistance in connection with the transference of the duties, and the benefit of his experience has always been at my disposal.

The work was taken over on 25th July, 1921, at which period there were on the register 31 foster-mothers and 50 nurse children. At 31st December, 1921, these figures had increased to 36 foster-mothers and 57 nurse children. In several cases the Health Visitors themselves discovered unregistered foster-mothers, who, speaking generally, were unaware of the necessity to register. In all such cases registration was promptly effected, and the foster-mother warned as to the necessity for the strict compliance with the provisions of the Act.

Figures in detail covering the period between the date of taking over on 25th July, 1921, to 31st December, 1921, are as follow :—

#### FOSTER-MOTHERS.

New Foster-mothers registered	...	...	...	7
Foster-mothers giving up voluntarily or removing				2
				—
Increase	...	...	...	5

#### INFANTS.

Infants notified (under one year)	...	...	17	
"    "    (over one year)	...	...	7	
			—	24
Infants died (all under one year)	...	...	4	
Infants removed	...	...	11	
Infants removed owing to foster-mother being deemed unsuitable	...	...	1	
Infants reached seven years of age	...	...	1	
			—	17
				—
Increase	...	...		7

The Council's Health Visitors visit the homes of all nurse children regularly at intervals of about four weeks, and there appears to me to be no question whatever that this very thorough supervision, coupled with advice where necessary, has resulted in the maintaining of the health and general condition of the nurse children at as high a level as possible.

In November this Council, at the request of the London County Council, consented to allow the Health Visitors to carry out home visiting with regard to blind children in the Borough up to the age of five years.

During the short time available no case came within the notice of the Health Visitors.

---

## CHEMICAL AND BACTERIOLOGICAL WORK.

The long-standing arrangement with the Bacteriological Department of the Seamen's Hospital has been in force throughout the year, whereby that Institution carried out all necessary chemical and bacteriological work for this Department, other than under the Sale of Food and Drugs Act, and in this connection 2,542 specimens have been examined for Diphtheria, 13 for Typhoid Fever, 433 for Tuberculosis, and 11 for other various conditions.

Fuller details respecting results of the examinations of these specimens will be found under the different headings of the individual diseases.

---

## HOUSING.

Following on the particulars given in my last Report, the Ministry of Health, after considerable negotiation, agreed to the acceptance of the tender of the Guild of Builders (London), Ltd., for the erection of 164 houses on section 2 of the Council's site, and 26 houses on the East Mascall's site, Charlton Road. The contract was duly entered into, and the works proceeded to the extent that 55 houses were completed and occupied during the period covered by this Report, which, with 18 houses under the first building contract, and 50 tenements provided by the conversion of houses, made provision for 123 families.

INSANITARY AREAS.—As, after consultation and correspondence with the Housing Department of the London County Council, there did not appear to be any likelihood of these areas (see Appendices) being dealt with by the London County Council in the near future, I reported towards the end of the year further on the subject, suggesting that possibly an arrangement might be made between the London County Council and this Council, whereby the London County Council should authorise this Council to carry out reconstruction schemes in reference to certain of these areas, particularly the worst district in the Borough, viz., East and West Street and Hardens Manorway, Charlton, an area comprising some 205 houses with an approximate population of 1,000 persons.



The inhabitants in this area live under grossly insanitary conditions, the chief being the fact that the houses are built on low-lying land, with the result that their drainage systems are not only liable to, but are continually surcharged with sewage from the London County Council's main sewer. It frequently occurs that the soil immediately under the floor boards is in a semi-liquid condition through the admixture of liquid sewage. These houses are undoubtedly unfit for human habitation, but under the present housing conditions generally closing orders cannot be obtained, and the occupation of the houses is therefore allowed to continue.

I understand from the District Surveyor that he proposes at an early date to go through this property and serve notices on the various owners requiring them to effect certain substantial structural alterations under the Dangerous Structures clauses of the Building Act. *This suggests that at the present time the property should be purchasable for very little more than its site value*, whereas if these extensive structural alterations were carried out it would be necessary to pay a much greater amount for the houses by reason of the expense known to be incurred.

I accordingly suggested to the Committee that it would be desirable for the Council to give serious consideration to the question of purchasing, by arrangement with the London County Council and the Ministry of Health, the whole of this block, and then to deal with the properties by six or eight houses at a time, all new properties erected being placed upon pillars at a considerable level above the present ground surface, and the whole of the site covered with concrete.

I think in this way very satisfactory dwellings could be provided for the persons who desire to live in this neighbourhood by reason of its close proximity to their work, etc.

Upon a full consideration of this Report the Public Health Committee decided to take no action.

CLOSING ORDERS.—A point has arisen in connection with the housing problem which is materially tying our hands at the present time. Notices to abate pressing nuisances were served on the owners of certain properties which are admittedly in an insanitary condition, and need closing and demolition, and this, under pre-war

conditions, would certainly have been their fate; but, on account of the great scarcity of accommodation for this class of persons, we are not able to enforce closing orders.

The properties above referred to are in fact no worse, but much better than many of the other 1,300 houses in this Borough requiring demolition. The owners were taken to the Police Court for not having carried out the necessary trifling works required to keep these houses in at least a cleanly condition so long as they were in occupation, but the magistrate, on the application of the owners, made a closing order, which order has not been complied with up to the present, simply because the tenants cannot find alternative accommodation.

Whenever we now serve notices upon owners of this class of property, they accordingly immediately threaten to apply to the Court for a closing order, which they know under the existing shortage of housing accommodation cannot be enforced. It therefore follows that tenants of this class of house are compelled to occupy such property without the Council being able to ensure that the owners shall keep them in any way in a reasonable condition of cleanliness and repair during the period of such occupation.



## APPENDICES.

### HOUSING CONDITIONS.

*Statistics for year ended 31st December, 1921.*

#### 1.—GENERAL.

(1) Estimated population	...	...	...	...	100,493
(2) General death rate	...	...	...	...	12·41 per 1,000
(3) Death rate from Tuberculosis	...	...	...	...	1·37 per 1,000
(4) Infantile mortality	...	...	...	...	74 per 1,000 births
(5) Number of dwelling-houses of all classes	...	...	...	...	16,385
(6) Number of working-class dwelling-houses (approximately)	...	...	...	...	15,073
(7) Number of new working-class houses erected	...	...	...	...	73

#### 2.—UNFIT DWELLING-HOUSES.

##### 1.—*Inspection.*

(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	3,580
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	... No figures available
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	... Nil
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	... 2,231

##### 2.—*Remedy of defects without service of formal notices.*

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	... 1,772
---	-----------

##### 3.—*Action under Statutory powers.*

(a) Proceedings under section 28 of the Housing, Town Planning, etc., Act, 1919—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	... 84
---	--------

(2) Number of dwelling-houses which were rendered fit—		
(a) By owners	...	84
(b) By Local Authority in default of owners	...	Nil
(3) Number of dwelling-houses in respect of which closing orders became operative in pursuance of declarations by owners of intention to close		Nil
(b) Proceedings under Public Health Acts—		
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	2,147
(2) Number of dwelling-houses in which defects were remedied—		
(a) By owners	...	2,147
(b) By Local Authority in default of owners	...	Nil
(c) Proceedings under sections 17 and 18 of the Housing, Town Planning, etc., Act, 1909—		
(1) Number of representations made with a view to the making of closing orders	...	Nil
(2) Number of dwelling-houses in respect of which closing orders were made	...	Nil
(3) Number of dwelling-houses in respect of which closing orders were determined, the dwelling-houses having been rendered fit	...	Nil
(4) Number of dwelling-houses in respect of which demolition orders were made	...	Nil
(5) Number of dwelling-houses demolished in pursuance of demolition orders	...	Nil

### 3.—UNHEALTHY AREAS.

Areas represented by the Local Authority with a view to Improvement Schemes under (a) Part I. or (b) Part II. of the Act of 1890—

(1) Name of area	(1) Watergate Street
	(2) Roan Street
	(3) Thames Street
	(4) East Street, etc., Charlton
	(5) Eastney Street



(2) Acreage	...	...	(1) 15 acres 3375 sq. yds.
			(2) 13 „ 3740 „
			(3) 8 „
			(4) 5 „ 2436 „
			(5) 2 „ 1600 „
(3) Number of working-class houses in area	...		(1) 220
			(2) 500
			(3) 325
			(4) 205
			(5) 100
(4) Number of working-class persons to be displaced	...	...	(1) 1220
			(2) 3000
			(3) 2000
			(4) 1000
			(5) 600

4.—Number of houses not complying with the Building By-laws erected with consent of Local Authority under section 25 of the Housing, Town Planning, etc., Act, 1919 ... Nil

5.—Staff engaged on Housing work with, briefly, the duties of each officer.—No special staff employed. Duties carried out by Medical Officer of Health and five District Sanitary Inspectors and one lady Sanitary Inspector.

Summary of Sanitary Work performed during  
the Year 1921.

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
<b>INSPECTIONS.</b>					
Houses Inspected ... ..	1165	854	728	833	3580
Other Premises Inspected ... ..	51	51	74	100	276
Re-inspections, Calls made, etc. ...	4329	4169	3076	4148	15722
Inspections of—					
Houses Let in Lodgings ... ..	...	...	...	...	...
Bakehouses ... ..	3	43	...	42	88
Factories and Workshops... ..	41	21	43	40	145
Outworkers' Premises ... ..	...	...	85	39	124
Slaughterhouses ... ..	4	7	5	5	21
Cowhouses ... ..	...	4	3	5	12
Stables and Yards ... ..	12	19	10	11	52
Piggeries ... ..	...	2	2	1	5
Courts and Alleys ... ..	15	15	13	9	52
Fields, Lanes, etc. ... ..	8	26	13	41	88
Investigations (Rats and Mice) ...	112	106	122	117	457
Inspection of—					
Urinals ... ..	6	6	7	14	33
Horse Slaughterhouses ... ..	...	...	1	...	1
Dairies, Cowsheds and Milkshops ...	...	56	6	45	107
Soapboilers ... ..	...	...	...	...	...
Other Offensive Trades ... ..	...	...	...	...	...
Ice Cream Places ... ..	...	91	5	...	96
Other Places where Food is Pre- pared ... ..	5	43	80	261	389
Premises (Children Act, 1908)... ..	...	...	5	4	9
	5751	5513	4278	5715	21257



SUMMARY OF SANITARY WORK—*continued.*

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
<b>DRAINS.</b>					
Constructed ... ..	5	3	8	1	17
Intercepting Chamber and Fresh Air Inlet ... ..	17	11	10	16	54
Other Chambers Constructed ...	13	46	12	29	100
Reconstructed or Repaired ...	50	74	32	77	233
Opened, Cleansed and Amended ...	117	125	66	102	410
Surface Drains Constructed ...	8	36	8	7	59
Traps Fixed ... ..	88	126	51	130	395
New Soil Pipes ... ..	17	10	10	10	47
Soil and Vent Shafts Repaired ...	...	1	12	5	18
Drains and Soil Pipes Ventilated ...	40	67	20	36	163
Drains Sealed Off, etc. ... ..	11	1	...	20	32
Anti-Syphon Pipes ... ..	...	...	...	6	6
Drains Tested—by Smoke ... ..	79	66	48	128	321
" " by Water ... ..	195	76	60	106	437
Found Defective ... ..	51	50	36	35	172
New Covers to Manholes ... ..	...	...	12	5	17
Yards Drained ... ..	16	62	10	30	118
Mews and Stables Drained ... ..	...	...	3	1	4
Washhouses Drained ... ..	...	...	...	...	...
Forecourts Drained ... ..	4	25	...	1	30
Areas Drained ... ..	7	13	2	4	26
Cesspools Abolished ... ..	...	...	...	4	4
Privies and Earth Closets Abolished	2	...	...	...	2
<b>WATER CLOSETS AND URINALS.</b>					
Closets Erected ... ..	11	12	10	4	37
W.C. Doors Repaired or Provided ...	12	10	17	6	45
W.C.'s Sealed Off ... ..	...	...	3	1	4
Sanitary Conveniences or Improve- ments effected to Factories and Workshops ... ..	7	20	6	2	35
Pan, Traps and Water Supply fur- nished ... ..	19	18	34	42	113
Pans and Traps only furnished ...	67	78	34	85	264
Pans only furnished ... ..	6	4	9	5	24
Water Supply Apparatus Repaired or Provided ... ..	10	23	37	65	135
Water Supply Renewed ... ..	60	83	22	38	203
Water Supply Disconnected from Drinking Water Cistern ... ..	4	7	...	...	11
Soil Pans properly Trapped ... ..	6	1	...	...	7
Cleansed and Repaired ... ..	53	39	62	64	218
Newly constructed or better situated	6	6	5	6	23
Ventilation Improved ... ..	14	11	13	29	67
Public House Urinals Cleansed or Repaired ... ..	2	3	1	3	9
Other Urinals Altered or Cleansed	1	2	1	...	4
Other Urinals Constructed ... ..	...	1	...	...	1
Repaired or Water laid on ... ..	7	17	...	1	25

SUMMARY OF SANITARY WORK—*continued.*

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
<b>ASHPITS.</b>					
Provided ... ..	526	209	166	111	1012
Covers to Receptacles ... ..	2	...	...	...	2
Dust Complaints forwarded to the Surveyor ... ..	8	...	...	3	11
<b>PAVINGS.</b>					
Yards ... ..	86	161	83	122	452
Forecourts ... ..	10	23	3	9	45
Areas ... ..	7	13	2	4	26
Washhouses ... ..	7	17	4	13	41
Mews and Stables ... ..	...	1	3	..	4
<b>GENERAL WATER SUPPLY.</b>					
Covers to Cisterns Adapted ... ..	...	...	1	1	2
Water Supply Provided ... ..	6	6	...	1	13
Water Fittings Amended ... ..	78	65	38	59	240
Cisterns Cleansed and Repaired ... ..	...	...	..	5	5
Water Services Altered so as to draw direct from main ... ..	4	8	5	4	21
Water Supplies Reinstated where cut off through defective fittings ... ..	15	4	13	...	32
Defective Water Fittings (causing nuisance from dampness) Re- paired ... ..	46	35	30	26	137
Water Supply Certificates granted (Section 48)... ..	...	1	3	...	4
<b>OTHER IMPROVEMENTS.</b>					
Houses Generally Repaired... ..	131	130	140	204	605
Premises Cleansed, Lime-washed and Repaired ... ..	128	119	89	100	436
Verminous Rooms Cleansed ... ..	33	51	75	73	232
Ventilation Improved ... ..	81	75	58	104	318
Leaky House Roofs and Gutters Repaired ... ..	207	177	124	169	677
Walls and Ceilings of Premises Cleansed throughout ... ..	46	53	51	47	197
Ditto, ditto, partially ... ..	199	119	141	219	678
Stoves and Fireplaces Repaired ... ..	11	10	8	31	60
Washing Coppers Repaired ... ..	17	11	17	13	58
Sinks Provided ... ..	7	5	6	3	21
Floors Repaired ... ..	...	22	4	...	26
Cowhouses Cleansed ... ..	...	5	3	...	8
Horse Slaughterhouses Cleansed ... ..	...	...	...	...	...
Ice Cream Places Cleansed or Improved ... ..	...	16	1	1	18
Other Places where Food is prepared	4	16	5	11	36



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 ... ..	1	...	1	2	4
Sink, Lavatory and Bath Waste Pipes Disconnected, Trapped and Amended ... ..	42	87	67	68	264
Stack Pipes Disconnected and Amended ... ..	29	69	32	42	172
Nuisances from Dampness Abated...	99	73	62	57	291
Animals Kept in Unfit Places Dis- continued or Removed ... ..	5	14	5	21	45
Dung Receptacles Provided... ..	...	1	...	...	1
Bakehouse Nuisances Abated ... ..	...	24	...	21	45
Other Defects Remedied ... ..	28	64	50	51	193
Rat Infestation ... ..	...	...	22	24	46
Houses Abolished, Unfit for Habita- tion ... ..	...	...	...	...	...
Accumulations of Manure and other Obnoxious Matter Removed ... ..	21	22	15	7	65
Dampness of Walls Remedied ... ..	29	41	43	37	150
Inundations Abated ... ..	2	...	...	...	2
Other Nuisances, principally of Di- lapidations and want of Under- floor Ventilation ... ..	54	67	31	42	194
Contents of Rooms Cleansed ... ..	...	...	2	...	2
Breaches of By-Laws Abated ... ..	...	2	2	1	5
SMOKE NUISANCES.					
Observations ... ..	1	2	13	1	17
Statutory Notices Served (Sections 23 and 24) ... ..	...	...	...	...	...
FOOD AND DRUGS.					
Samples Taken ... ..	103	95	72	166	436
Found Adulterated ... ..	3	2	1	8	14

SUMMARY OF SANITARY WORK—*continued.*

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.
UNWHOLESOME FOOD.	33 tins of tomatoes.	20 tins of milk.	59 lbs. of salted herrings.	5 lbs. of beef.
	17 tins of milk.	9 tins of milk.	238 boxes of raisins.	28½ lbs. of wheat.
	1 tin of salmon.	1 tin of salmon.	1 bushel of winkles.	6¾ cwts. of chestnuts.
	1 jar of fishpaste	2363 tins of pears.	6 stone of cod.	3 bags of winkles.
Voluntarily surrendered	2051 tins of fruit.	7 stone of fresh pears.	13½ stone of skate.	3½ lbs. pigs liver.
	7 stone of fresh haddocks.	1 tin of pineapple.	12 stone of haddocks.	3½ lbs. pigs liver.
	14 ½-boxes of sultanas.		3 stone of herrings.	14 stone of haddocks.
			45 boxes of seedless raisins.	256 lbs. of wheat.
				6 stone of turbot.
				60 lbs. of rabbit.



SUMMARY OF SANITARY WORK—*continued.*

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
NOTICES, &c.					
Intimations served under Public Health (London) Act, 1891 (Section 3) ... ..	744	592	374	437	2147
Notices served—					
Under Housing, Town Planning, etc., Act, 1919 ... ..	18	27	19	20	84
Rats and Mice (Destruction) Act, 1919 ... ..	6	26	18	14	64
<i>Re</i> Verminous Rooms ... ..	4	16	1	...	21
Under P.H. (L.) Act and Metropolis Management Act ( <i>re</i> combined drainage) ... ..	29	...	12	7	48
Yards ... ..	...	...	...	8	8
Statutory Notices served under Section 4... ..	90	89	46	65	290
Statutory Notices <i>re</i> Ashpit Provision ... ..	62	37	11	11	121
Complaints Received and Attended to ... ..	228	222	276	231	957
Letters Written relating to Abatement of Nuisances ... ..	599	511	363	431	1904
Summonses Applied for and Issued	9	4	...	3	16
Magisterial Orders Obtained and Enforced ... ..	2	1	...	3	6
Drainage Plans Received and Examined ... ..	32	23	13	30	98
Reports to District Surveyor ...	6	...	...	9	15

## BOROUGH OF GREENWICH.

## Proceedings during 1921.

PREMISES.	Number of Places.				Number of Inspections, 1921.	Number of Notices, 1921.	Number of Prosecutions, 1921.
	On Register at end of 1920.	Added in 1921.	Re-moved in 1921.	On Register at end of 1921.			
Dairies, Cowsheds & Milkshops	90	17	18	89	107	—	—
Slaughterhouses ... ..	5	—	—	5	22	—	—
Other Offensive Trade Premises ... ..	—	—	—	—	—	—	—
Ice Cream Premises ...	54	39	11	82	96	—	—
Registered Houses Let in Lodgings .. ..	247	—	—	247	—	—	—

Total number of Intimation Notices served for all purposes ... .. 2231

## Overcrowding, 1921—

Number of Dwelling-rooms overcrowded ... .. 4

Number remedied ... .. 4

Number of Prosecutions ... .. —

## Underground Rooms—

Illegal occupations dealt with during year ... .. 3

Number of Rooms Closed ... .. 3

## Insanitary Houses—

Number Closed voluntarily under the Public Health (London) Act, 1891 ... .. —

Number closed voluntarily under the Housing of the Working Classes Acts ... .. —

Number of Verminous Premises cleansed under Sec. 20 of the London County Council (General Powers) Act, 1904 ... .. 182

Number of Cleansing Baths given under Cleansing of Persons Act ... .. 51

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

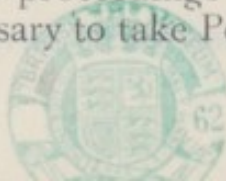
Number of persons accommodated during the year ... ..



Number of Tenement Houses provided with Additional Water Supply ... ..	—
Number of Prosecutions ditto ... ..	—
Inland Revenue Acts—	
Number of Houses for which applications were received during the year ... ..	10
Number of Tenements comprised therein ... ..	20
Number of Tenements for which certificates were granted ... ..	4
Number of Prosecutions under By-laws under Public Health Act, 1891—	
(a) For prevention of nuisance arising from snow, ice, salt, filth, etc. ... ..	1
(b) For prevention of nuisance arising from offensive matter running out of any manufactory, etc. ... ..	—
(c) For the prevention of keeping of animals in such a manner as to be injurious to health... ..	—
(d) As to paving of yards, etc., of dwelling houses ... ..	—
(e) In connection with the removal of offensive matter, etc. ... ..	—
(f) As to cesspools and privies, removal and disposal of refuse, etc. ... ..	—
(g) For securing the cleanliness of tanks, cisterns, etc. ... ..	—
(h) With respect to water closets, earth closets, etc. ... ..	—
(i) With respect to sufficiency of water supply to water closets ... ..	—
(j) With respect to drainage, etc. (Metropolis Management Act, Sec. 202) ... ..	—
(k) With respect to deposit of plans as to drainage, etc. (Metropolis Management Acts Amendment (By-laws) Act, 1899) ... ..	1
Mortuaries—	
Total number of bodies removed ... ..	165
Total number of infectious bodies removed ... ..	2
	167

#### LEGAL PROCEEDINGS, 1921.

Apart from the proceedings under the Sale of Food and Drugs Act, it became necessary to take Police Court proceedings in 15 cases.



# BOROUGH OF GREENWICH.

## Return of Births and Deaths registered during the 13 weeks ended 2nd April, 1921.

DISTRICTS.	Census Population, 1911.	Estimated Population at the middle of the year 1921.	Births registered during the 13 weeks ended 2nd April, 1921.		Deaths registered during the 13 weeks ended 2nd April, 1921.		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.			Phthisis.	All other Forms of Tuberculosis.	Bronchitis, Pneumonia.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics.					
															Typhoid.	Other.	Diarrhoea.							Dying the previous year period.	Dying the 13 weeks ended 2nd April, 1921.	Dying the previous year period.	Dying the 13 weeks ended 2nd April, 1921.				
GREENWICH EAST	45960	44240	124	137	83	67	15	12	44	...	...	2	4	3	...	...	1	16	2	27	18	11	66	12.60	14.60	1.43	.90				
DO. WEST	22933	26687	95	81	58	41	22	3	34	...	...	1	1	...	...	...	2	15	2	20	9	11	38	21.93	14.60	1.77	.59				
ST. NICHOLAS, DEPTFORD	7290	7581	23	33	18	21	9	4	12	...	...	...	...	...	...	...	2	...	10	2	1	24	19.29	20.63	3.55	...					
CHARLTON	16910	18790	52	57	30	24	13	3	16	...	...	...	...	...	...	...	7	...	14	4	5	24	12.73	11.53	.65	...					
KIDBROOKE	2875	3195	1	2	4	6	...	...	5	...	...	...	...	...	...	...	1	...	3	...	3	3	11.69	12.56	1.29	...					
MILLER HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	1	7	...	...	...	...	...	...		
Resident	...	...	...	...	7	4	...	3	2	...	...	...	...	...	...	...	...	...	1	2	...	4	11	...	...	...	...	...	...		
Non-Resident	...	...	...	...	8	10	4	3	3	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	
SEAMEN'S HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Resident	...	...	...	...	12	0	...	1	2	...	...	...	...	...	...	...	6	...	2	1	1	2	...	...	...	...	...	...	...	...	
Non-Resident	...	...	...	...	15	0	...	...	1	...	...	...	...	...	...	...	4	...	2	2	2	5	...	...	...	...	...	...	...	...	
GREENWICH AND DEPTFORD HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Resident	...	...	...	...	36	25	4	1	27	...	...	...	...	...	...	...	3	1	10	3	7	37	...	...	...	...	...	...	...	...	
Non-Resident	...	...	...	...	45	48	5	1	41	...	...	...	...	...	...	...	8	3	17	6	4	51	...	...	...	...	...	...	...	...	
HERBERT HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
M.A.B. BROOK HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	4	3	...	5	1	...	...	2	3	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	9	7	...	6	...	...	...	1	5	6	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...
COTTAGE HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OTHER INSTITUTIONS—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	1	1	...	2	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	0	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
OUTSIDE INSTITUTIONS—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	30	28	6	3	10	...	...	1	2	1	...	...	1	10	2	6	7	4	24	...	...	...	...	...	...	...	...
BOROUGH	95968	100493	295	310	193	159	59	22	111	...	...	3	5	3	...	...	3	41	4	74	33	31	155	...	...	...	...	...	...	...	...
Rate per 1,000 of Estimated Population	...	...	605	352	...	...	...	...	...	...	...	11	19	11	...	...	11	1.63	1.15	2.95	1.31	1.23	6.18	15.20	14.05	1.56	.55	...	...	...	...
			24.16	14.05	...	...	...	...	...	...	...	11	19	11	...	...	11	1.63	1.15	2.95	1.31	1.23	6.18	15.20	14.05	1.56	.55	...	...	...	...

Deaths of Children under one year per 1,000 births ... 97  
 " " " { previous corresponding } 102  
 " " " { period } 85  
 " " " County of London ... 85

Death Rate of 96 large English Towns ... 13.9; of the County of London ... 13.4  
 Birth Rate " " ... 23.5; " " ... 23.1





# BOROUGH OF GREENWICH.

## Return of Births and Deaths registered during the 13 weeks ended 2nd July, 1921.

DISTRICTS.	Census Population, 1921. Preliminary Figures.	Estimated Population at the middle of the year 1921.	Births registered during the 13 weeks ended 2nd July, 1921.		Deaths registered during the 13 weeks ended 2nd July, 1921.		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.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics.	
															Typhoid.	Other.								During the corresponding period year previous.	During the 13 weeks ended 2nd July, 1921.	During the corresponding period year previous.	During the 13 weeks ended 2nd July, 1921.
GREENWICH EAST	44240	44240	140	134	63	57	18	2	44	...	1	1	...	1	...	...	...	6	2	16	15	12	66	11.33	10.88	79	27
DO. WEST	26687	26687	91	84	43	36	6	4	23	...	1	...	...	...	...	...	1	7	3	11	5	8	43	14.03	11.65	96	28
ST. NICHOLAS, DEPTFORD	7581	7581	30	40	14	9	4	1	3	...	...	...	...	...	...	...	...	5	2	4	...	2	10	18.78	12.16	1.52	...
CHARETON	18790	18790	46	46	27	17	3	3	16	...	...	...	2	...	...	...	...	1	...	6	6	4	25	10.32	9.39	87	42
KIDBROOKE	3195	3195	7	12	5	3	...	1	5	...	...	...	...	...	...	...	...	...	...	...	2	...	6	10.33	10.00	...	...
MILLER HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	7	3	3	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	7	7	2	1	1	...	...	...	...	...	...	...	...	...	...	...	2	2	10	...	...	...	...
SEAMEN'S HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	10	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	8	...	...	...	...
Non-Resident	...	...	...	...	14	0	...	...	...	...	...	...	...	...	...	...	...	4	1	...	...	1	8	...	...	...	...
GREENWICH AND DEPTFORD HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	23	32	6	...	21	...	...	...	...	...	...	1	...	3	1	3	8	7	32	...	...	...	...
Non-Resident	...	...	...	...	43	45	5	4	16	...	...	...	...	2	...	...	...	10	2	14	7	8	45	...	...	...	...
HERBERT HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
M.A.B. BROOK HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	2	3	...	2	...	...	1	1	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	14	16	3	14	...	...	...	10	15	...	...	...	...	...	...	2	...	...	3	...	...	...	...
COTTAGE HOSPITAL—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Non-Resident	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
OTHER INSTITUTIONS—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...
Non-Resident	...	...	...	...	1	6	2	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	6	...	...	...	...
OUTSIDE INSTITUTIONS—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Resident	...	...	...	...	31	20	2	2	5	...	...	...	...	...	...	...	...	4	4	3	3	3	34	...	...	...	...
BOROUGH	100493	100493	314	316	152	122	31	11	91	...	2	1	2	1	...	...	1	19	7	37	28	26	150	...	...	...	...
Rate per 1,000 of Estimated Population	...	...	630	274	...	...	...	...	...	...	07	03	07	03	...	...	03	75	27	147	111	103	599	12.23	10.94	87	27

Deaths of Children under one year per 1,000 births

49  
{ previous corresponding }  
70  
County of London ... 59

Death Rate of 96 large English Towns ... 11.3; of the County of London ... 10.9  
Birth Rate " " ... 24.4; " " ... 23.3





# BOROUGH OF GREENWICH.

## Return of Births and Deaths registered during the 13 weeks ended 1st October, 1921.

DISTRICTS.	Census Population, 1921. Preliminary Figures.	Estimated Population at the middle of the year 1921.	Births registered during the 13 weeks ended 1st October, 1921.		Deaths registered during the 13 weeks ended 1st October, 1921.		AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.										RATE OF MORTALITY PER 1,000.							
							Under 1 year.	Over 1 and under 5 years.	Persons aged 15 years and upwards.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEVERS.			Phthisis.	All other Forms of Tubercu- losis.	Bronchitis, Pneumonia.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics.	
															Typhoid.	Other.	Dysentery.							During the corre- sponding year previous.	During the 13 weeks ended 1st October, 1921.	During the corre- sponding year previous.	During the 13 weeks ended 1st October, 1921.
GREENWICH EAST	44240	44240	157	125	62	51	14	7	28	...	...	...	4	1	...	...	6	13	1	10	13	15	50	7.98	10.25	.07	.99
Do. WEST	26687	26687	84	66	28	40	17	4	20	...	...	1	1	1	...	...	7	2	1	6	6	6	37	10.80	10.03	1.12	1.47
ST. NICHOLAS, DEPTFORD	7581	7581	29	26	12	5	3	1	3	...	...	...	...	...	...	...	1	3	1	1	1	5	5	10.66	3.70	1.01	.52
CHARLTON	18790	18790	51	43	35	18	7	2	22	...	...	...	1	...	...	...	5	9	3	...	6	6	23	6.80	11.32	.43	1.26
KIDBROOKE	3195	3195	16	12	4	3	1	...	6	...	...	...	...	...	1	...	1	...	...	1	...	2	2	9.03	8.79	...	2.50
MILLER HOSPITAL— Resident	...	...	...	...	4	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...
Non-Resident	...	...	...	...	20	8	2	4	3	...	...	...	...	...	...	...	3	1	2	...	1	6	15	...	...	...	...
SEAMEN'S HOSPITAL— Resident	...	...	...	...	7	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	3	4	...	...	...	...
Non-Resident	...	...	...	...	11	...	...	...	3	...	...	...	...	...	...	...	...	4	...	1	3	...	3	...	...	...	...
GREENWICH AND DEPT- FORD HOSPITAL— Resident	...	...	...	...	20	15	8	...	13	...	...	...	...	1	...	...	1	1	...	4	1	7	20	...	...	...	...
Non-Resident	...	...	...	...	49	49	...	3	38	...	...	...	...	4	...	...	6	4	...	6	4	10	64	...	...	...	...
HERBERT HOSPITAL— Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
M.A.B. BROOK HOSPITAL— Resident	...	...	...	...	3	1	...	1	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Resident	...	...	...	...	8	12	1	7	...	...	1	2	14	...	1	...	...	...	...	...	...	...	2	...	...	...	...
COTTAGE HOSPITAL— Resident	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...
Non-Resident	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OTHER INSTITUTIONS— Resident	...	...	...	...	...	3	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...
Non-Resident	...	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...
OUTSIDE INSTITUTIONS— Resident	...	...	...	...	32	21	8	5	14	...	...	1	2	...	1	...	6	6	2	4	3	3	25	...	...	...	...
BOROUGH	100493	100493	337	272	141	117	42	14	79	...	...	1	6	2	1	...	20	27	6	18	26	34	117	...	...	...	...
Rate per 1,000 of Estimated Population	...	...	600	258	...	...	...	...	...	...	...	.03	.23	.07	.03	...	.79	1.07	.23	.71	1.03	1.34	4.67	8.61	10.30	.45	1.19

Deaths of Children under one year per 1,000 births

" " " { previous corresponding } 88  
" " " { period } 37  
" " " County of London ... 93

Death Rate of 96 large English Towns

Birth Rate " " ... 10.4; of the County of London ... 10.5

" " " ... 23.4; " " ... 22.5





Return of Births and Deaths registered during the 13 weeks ended 31st December, 1921.

Deaths of Children under one year per 1,000 births	...	...	...	82	Death Rate of 96 large English Towns	...	...	...	of the County of London	...
" " "	{	previous	corresponding	80	Birth Rate	"	"	"	"	"
" " "	{	period								
" " "	{	County of London	...	...						





# BOROUGH OF GREENWICH.

## Return of Births and Deaths registered during the 52 weeks ended 31st December, 1921.

DISTRICTS.	Census Population, 1921. Preliminary Figures.	Estimated Population at the middle of the year 1921.	Births registered during the 52 weeks ended 31st December, 1921.		Deaths registered during the 52 weeks ended 31st December, 1921.		AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.															RATE OF MORTALITY PER 1,000.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
							Under 1 year.	Over 1 and under 5 years.	Persons aged 16 years and upwards.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEVERS.			Typhoid.	Other.						Diarrhoea.	Phthisis.	All other Forms of Tuberculosis.	Bronchitis, Pneumonia.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Deaths of Children under one year per 1,000 births

" " " { previous corresponding } 74  
" " " { period } 75  
" " " County of London ... 79

Death Rate of 96 large English Towns ... 12.3; of the County of London ... 12.4  
Birth Rate " " ... 23.5; " " ... 22.8





# BOROUGH OF GREENWICH.

Causes of, and Ages at, Death during the 13 weeks ended  
2nd April, 1921.

CAUSES OF DEATH.		DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).								DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS.								Total Deaths in Public Institutions in the District.	
		All Ages.	Under 1.	1 and under 2.	2 and under 3.	3 and under 4.	4 and under 5.	5 and under 6.	6 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Greenwich and Deptford Hospital.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Other Institutions.	Outside Institutions.		
All causes	Certified .....	352	59	15	7	11	23	43	83	111	150	99	39	54	10	61	12	11	...	7	...	2	58	240
	Uncertified .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<hr/>																								
Enteric Fever		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Small-Pox		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Scarlet Fever		3	...	1	1	1	...	...	...	9	1	...	...	...	...	...	...	...	2	...	...	1	7	
Whooping Cough		3	1	2	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	2	1	2	
Diphtheria and Croup		5	...	2	2	1	...	...	...	4	1	...	...	...	...	...	...	...	3	...	...	2	4	
Influenza		5	...	...	...	1	...	...	3	1	3	1	1	...	...	...	...	...	...	...	...	...	6	
Erysipelas		1	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	1	
Cerebro-Spinal Fever		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Dysentery		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Phthisis (Pul. Tuberculosis)		41	...	...	...	1	9	22	9	16	15	2	7	1	3	6	1	...	...	...	...	10	23	
Tuberculous Meningitis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Other Tuberculous Diseases		4	...	...	...	1	2	...	1	2	2	...	...	...	1	...	1	...	...	...	...	2	4	
Rheumatic Fever		3	...	...	...	1	...	...	1	1	2	...	1	...	1	...	...	...	...	...	...	...	1	
Cancer, malignant disease		31	...	...	...	...	...	1	15	15	11	11	1	5	3	7	1	1	...	...	...	4	20	
Bronchitis		38	5	...	...	...	...	3	8	22	15	12	3	7	1	8	1	...	...	...	...	3	23	
Broncho-Pneumonia		23	10	5	...	1	...	...	3	4	8	5	6	2	2	2	...	...	1	...	...	...	5	
Pneumonia (all other forms)		13	4	1	2	...	1	1	2	2	4	3	1	5	...	...	1	1	...	...	...	3	9	
Other Diseases of Respiratory Organs		6	1	1	...	...	1	...	1	2	3	2	...	1	...	2	...	1	...	...	...	...	7	
Diarrhoea & Enteritis		4	3	...	...	...	...	...	...	1	2	2	...	...	...	...	...	...	...	...	...	1	...	
Appendicitis and Typhlitis		2	...	...	...	1	1	...	...	2	...	...	...	...	1	...	...	...	...	...	...	1	2	
Alcoholism		1	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1	
Cirrhosis of Liver		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Nephritis & Bright's Disease		8	1	...	...	1	2	1	2	1	4	1	3	...	5	...	...	...	...	...	...	2	7	
Puerperal Fever		2	...	...	...	...	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	1	2	
Other Accidents and Diseases of Preg- nancy and Partu- rition		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Congenital Debility and Malformation, including Prema- ture Birth		24	24	...	...	...	...	...	...	6	7	4	7	...	1	...	...	...	...	...	...	1	7	
Violent Deaths, excluding Suicide		11	2	1	...	...	1	3	3	1	5	3	2	1	...	1	1	...	...	...	...	4	7	
Suicides		1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	
Heart Disease		33	...	...	...	...	2	1	9	21	18	9	2	4	...	3	1	...	...	...	...	7	12	
Other Defined Diseases		90	7	2	2	2	3	8	26	40	37	24	12	14	3	24	1	6	...	1	...	14	83	
Diseases ill-defined or unknown		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<hr/>																								
		352	59	15	7	11	23	43	83	111	150	99	39	54	10	61	12	11	...	7	...	2	58	240





# BOROUGH OF GREENWICH.

Causes of, and Ages at, Death during the 13 weeks ended  
2nd July, 1921.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).									DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS.								Total Deaths in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 2.	2 and under 3.	3 and under 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Greenwich and Deptford Hospital.	Stamoni's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Other Institutions.	Outside Institutions.	
All causes } Certified .....	274	31	7	4	17	16	41	67	91	120	79	23	44	8	55	11	10	...	5	1	3	51	239
} Uncertified .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small-Pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .....	2	1	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	2
Scarlet Fever .....	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	10
Whooping Cough .....	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
Diphtheria and Croup .....	2	...	...	...	2	...	...	...	...	...	...	...	2	...	...	...	...	...	2	...	...	...	17
Influenza .....	9	...	1	...	...	1	2	3	2	4	2	...	3	...	...	1	...	...	...	...	...	...	2
Erysipelas .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Cerebro-Spinal Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Dysentery .....	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Malaria .....	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...
Acute Polio Myelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pul. Tuberculosis) }	19	...	...	...	...	7	10	2	...	6	7	5	1	...	3	1	...	...	...	...	...	4	18
Tuberculous Meningitis }	4	...	1	1	2	...	...	...	...	...	2	2	...	...	1	...	1	...	...	...	...	2	4
Other Tuberculous Diseases }	3	...	...	...	1	1	1	...	...	2	1	...	...	...	...	...	...	...	...	...	...	2	1
Rheumatic Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer, malignant disease }	26	...	...	...	...	...	4	12	10	12	8	2	4	...	7	...	...	...	...	...	1	3	18
Bronchitis .....	21	2	...	...	...	...	1	6	12	11	3	2	5	...	3	...	1	...	...	...	...	...	10
Broncho-Pneumonia .....	7	2	1	...	1	1	2	...	...	...	4	2	1	...	...	2	...	...	...	...	...	2	8
Pneumonia (all other forms) }	9	1	1	...	3	...	1	2	1	5	4	...	...	...	...	...	...	1	...	...	...	1	6
Other Diseases of Respiratory Organs }	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	2
Diarrhoea & Enteritis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Appendicitis and Typhlitis }	2	...	...	...	...	...	2	...	...	2	...	...	...	...	1	...	...	...	...	...	1	...	2
Alcoholism .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver .....	2	...	...	...	...	...	...	2	...	...	1	...	1	...	...	1	...	...	...	...	...	...	1
Nephritis & Bright's Disease }	7	...	...	...	...	1	1	2	3	4	1	1	1	...	1	1	...	...	...	...	...	2	8
Puerperal Fever .....	1	...	...	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1
Other Accidents and Diseases of Pregnancy and Parturition }	3	...	...	...	...	...	3	...	...	1	2	...	...	...	...	...	...	...	...	...	...	1	...
Congenital Debility and Malformation, including Premature Birth }	18	17	1	...	...	...	...	...	...	13	3	1	...	1	3	...	2	...	...	...	...	1	13
Violent Deaths, excluding Suicide }	13	1	1	2	2	...	2	3	2	5	5	...	3	...	5	2	2	...	...	...	...	4	14
Suicides .....	5	...	...	...	...	...	1	3	1	2	2	...	1	...	...	...	...	...	...	...	...	1	1
Heart Disease .....	28	...	...	...	1	2	2	4	19	15	5	...	6	2	8	...	...	...	...	...	...	3	17
Other Defined Diseases .....	88	6	...	...	5	2	9	26	40	34	26	8	16	4	22	2	3	...	...	1	1	25	79
Diseases ill-defined or unknown }	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	274	31	7	4	17	16	41	67	91	120	79	23	44	8	55	11	10	...	5	1	3	51	239





# BOROUGH OF GREENWICH.

Causes of, and Ages at, Death during the 13 weeks ended  
1st October, 1921.

CAUSES OF DEATH.		DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).								DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS.								Total Deaths in Public Institutions in the District.	
		All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kilbrook.	Greenwich and Deptford Hospital.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Other Institutions.		Outside Institutions.
All causes	Certified .....	258	42	11	3	13	11	39	60	79	113	68	17	53	7	35	7	4	...	4	2	3	53	213
	Uncertified ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever		1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1	1
Small-Pox		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Scarlet Fever		1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	2
Whooping Cough		2	2	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	5
Diphtheria and Croup		6	...	2	1	2	1	...	...	...	4	1	...	1	...	...	...	...	4	...	...	2	17	
Influenza		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Cerebro-Spinal Fever		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery		2	...	...	...	...	...	1	...	1	1	1	...	...	...	1	...	...	...	...	...	1	1	
Malaria		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio Myelitis		1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pul. Tuberculosis)		27	...	...	...	1	7	12	6	1	13	2	3	9	...	1	...	...	...	...	1	...	6	12
Tuberculous Meningitis		2	...	...	...	1	...	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	1	1
Other Tuberculous Diseases		4	...	1	...	2	1	...	...	...	1	1	2	...	...	...	...	...	...	...	...	2	2	
Rheumatic Fever		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer, malignant disease		34	...	...	...	...	...	3	18	13	15	6	5	6	2	7	3	...	...	...	...	3	26	
Bronchitis		7	1	...	...	...	...	2	4	4	4	2	1	...	...	3	...	...	...	...	...	1	8	
Broncho-Pneumonia		7	2	1	1	...	...	1	1	1	5	1	...	...	1	1	...	...	...	...	...	2	3	
Pneumonia (all other forms)		4	1	...	...	...	...	1	1	1	1	3	...	...	...	...	...	...	...	...	...	1	...	
Other Diseases of Respiratory Organs		3	...	...	...	...	...	1	2	...	1	1	...	1	...	1	...	...	...	...	...	1	1	
Diarrhoea & Enteritis		23	16	3	...	...	...	1	3	6	9	1	6	1	2	...	...	...	...	...	...	7	12	
Appendicitis and Typhlitis		2	...	...	...	...	1	...	...	1	1	1	...	...	...	1	1	...	...	...	...	...	8	
Alcoholism		1	...	...	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	1
Cirrhosis of Liver		2	...	...	...	...	...	1	1	1	...	...	1	...	...	...	...	...	...	...	...	...	1	1
Nephritis & Bright's Disease		8	...	...	...	...	...	4	4	4	1	...	3	...	3	...	...	...	...	...	1	1	5	
Puerperal Fever		2	...	...	...	1	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Accidents and Diseases of Pregnancy and Parturition		2	...	...	...	...	...	2	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Debility and Malformation, including Premature Birth		14	13	1	...	...	...	...	...	...	5	5	3	1	...	3	...	...	...	...	...	2	8	
Violent Deaths, excluding Suicide		6	...	...	...	3	...	2	1	...	3	...	1	2	...	...	...	...	...	...	...	...	5	5
Suicides		1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart Disease		26	...	...	...	1	...	5	6	14	13	6	1	6	...	...	...	...	...	...	1	3	12	
Other Defined Diseases		70	7	3	1	1	...	10	15	33	29	24	1	14	2	12	2	3	...	...	1	1	19	80
Diseases ill-defined or unknown		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		258	42	11	3	13	11	39	60	79	113	68	17	53	7	35	7	4	...	4	2	3	53	213





Name of person	Sex	Age	Height	Weight	Color of hair	Color of eyes	Color of skin	Build	Occupation	Education	Religion	Political party	Social position	Marital status	Date of birth	Date of death	Cause of death	Place of death	Burial place	Gravestone	Remarks
John Doe	M	25	5' 10"	175	Brown	Blue	Fair	Medium	Teacher	High School	Methodist	Republican	Upper middle class	Married	1875	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Jane Smith	F	22	5' 5"	120	Blonde	Green	Fair	Slender	Nurse	College	Catholic	Democrat	Lower middle class	Single	1878	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
Robert Johnson	M	30	6' 2"	200	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1870	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Mary White	F	28	5' 8"	140	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1873	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
William Brown	M	35	6' 0"	180	Dark brown	Brown	Dark	Large	Engineer	College	Catholic	Democrat	Upper middle class	Married	1865	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Elizabeth Green	F	25	5' 6"	130	Blonde	Green	Fair	Slender	Teacher	College	Methodist	Republican	Upper middle class	Single	1876	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
James Black	M	32	6' 1"	190	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1869	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Anna Gray	F	27	5' 7"	135	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1874	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
Charles Hall	M	38	6' 3"	210	Dark brown	Brown	Dark	Large	Engineer	College	Catholic	Democrat	Upper middle class	Married	1863	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Frances King	F	24	5' 4"	125	Blonde	Green	Fair	Slender	Nurse	College	Methodist	Republican	Lower middle class	Single	1877	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
George Lee	M	31	6' 0"	185	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1870	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Harriet Miller	F	26	5' 7"	138	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1875	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
Frank Nelson	M	34	6' 1"	195	Dark brown	Brown	Dark	Large	Engineer	College	Catholic	Democrat	Upper middle class	Married	1867	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Grace Olsen	F	23	5' 5"	122	Blonde	Green	Fair	Slender	Nurse	College	Methodist	Republican	Lower middle class	Single	1878	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
Henry Parker	M	33	6' 2"	205	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1868	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Ida Quinn	F	29	5' 8"	145	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1872	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
Isaac Reed	M	36	6' 3"	215	Dark brown	Brown	Dark	Large	Engineer	College	Catholic	Democrat	Upper middle class	Married	1865	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Julia Scott	F	21	5' 4"	120	Blonde	Green	Fair	Slender	Nurse	College	Methodist	Republican	Lower middle class	Single	1880	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
Joseph Taylor	M	37	6' 4"	220	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1864	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Katherine Vance	F	30	5' 9"	150	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1871	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
Leo Walker	M	39	6' 5"	230	Dark brown	Brown	Dark	Large	Engineer	College	Catholic	Democrat	Upper middle class	Married	1862	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Lillian Young	F	20	5' 3"	115	Blonde	Green	Fair	Slender	Nurse	College	Methodist	Republican	Lower middle class	Single	1881	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
Max Zeller	M	40	6' 6"	240	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1861	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Nora Adams	F	28	5' 7"	140	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1873	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
Oscar Baker	M	41	6' 7"	250	Dark brown	Brown	Dark	Large	Engineer	College	Catholic	Democrat	Upper middle class	Married	1860	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Peggy Carter	F	19	5' 2"	110	Blonde	Green	Fair	Slender	Nurse	College	Methodist	Republican	Lower middle class	Single	1882	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
Samuel Davis	M	42	6' 8"	260	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1859	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Tina Evans	F	27	5' 8"	145	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1874	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
Victor Foster	M	43	6' 9"	270	Dark brown	Brown	Dark	Large	Engineer	College	Catholic	Democrat	Upper middle class	Married	1858	1901	Heart disease	San Francisco	Calvary Cemetery	Block 12, Lot 15	
Wendy Gibson	F	18	5' 1"	105	Blonde	Green	Fair	Slender	Nurse	College	Methodist	Republican	Lower middle class	Single	1883	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	
Xavier Harris	M	44	6' 10"	280	Dark brown	Brown	Dark	Large	Farmer	High School	Baptist	Republican	Lower middle class	Married	1857	1901	Stroke	Chicago	Lincoln Cemetery	Block 5, Lot 10	
Yvonne Ingram	F	26	5' 9"	150	Red	Blue	Fair	Medium	Homemaker	High School	Methodist	Republican	Upper middle class	Married	1875	1901	Cancer	Los Angeles	Forest Lawn Cemetery	Block 10, Lot 18	
Zoe Jackson	F	17	5' 0"	100	Blonde	Green	Fair	Slender	Nurse	College	Methodist	Republican	Lower middle class	Single	1884	1901	Tuberculosis	New York	St. Mary's Cemetery	Block 8, Lot 22	

1st Census 1901  
Census by year of birth of person around the 12 census years

# BOROUGH OF GREENWICH.

Causes of, and Ages at, Death during the 13 weeks ended  
31st December, 1921.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).									DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS.								Total Deaths in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas Deptford.	Charlton.	Kidbrooke.	Greenwich and Deptford Hospital.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Other Institutions.	Outside Institutions.	
All causes } Certified .....	359	43	21	12	17	17	42	91	116	154	94	29	70	12	69	8	8	...	7	1	1	64	305
} Uncertified .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Small-Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	3	2	...	1	...	...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	...	...	1
Scarlet Fever	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	5
Whooping Cough	4	...	4	...	...	...	...	...	...	3	1	...	...	...	3	...	...	...	...	...	...	...	4
Diphtheria and Croup	15	...	5	2	8	...	...	...	...	13	1	1	...	...	...	...	...	...	7	...	...	6	32
Influenza	5	...	...	1	...	1	1	1	1	2	1	2	...	...	1	...	...	...	...	...	...	...	3
Erysipelas	1	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	...	...	...	1
Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio Myelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pul. Tuberculosis)	32	...	...	1	...	9	9	11	2	10	8	5	9	...	9	2	...	...	...	...	...	5	31
Tuberculous Meningitis	2	1	...	...	...	...	1	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	3
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Rheumatic Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer, malignant disease	33	...	...	...	1	1	3	16	12	12	9	3	9	...	4	...	1	...	...	...	...	7	26
Bronchitis	32	4	1	...	...	...	2	8	17	13	12	...	7	...	6	...	...	...	...	...	...	1	23
Broncho-Pneumonia	25	3	8	2	...	...	1	6	5	8	10	5	1	1	7	...	1	...	...	...	...	2	14
Pneumonia (all other forms)	20	3	1	...	...	1	8	3	4	8	7	...	5	...	1	1	1	...	...	...	1	6	11
Other Diseases of Respiratory Organs	1	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	1
Diarrhoea & Enteritis	11	9	...	...	1	...	...	...	1	3	2	1	4	1	1	...	1	...	...	...	...	3	3
Appendicitis and Typhlitis	1	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	3
Alcoholism	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver	1	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1
Nephritis & Bright's Disease	12	...	...	...	...	1	3	4	4	4	4	1	3	...	2	...	...	...	...	...	...	2	3
Puerperal Fever	1	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	2
Other Accidents and Diseases of Pregnancy and Parturition	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Debility and Malformation, including Premature Birth	20	17	1	1	1	...	...	...	...	10	5	2	3	...	3	...	...	...	...	...	...	5	4
Violent Deaths, excluding Suicide	9	1	...	2	3	1	1	...	1	4	1	1	1	2	2	2	1	...	...	...	...	1	13
Suicides	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart Disease	38	...	...	...	1	1	3	17	16	12	10	4	9	3	5	...	...	...	...	...	...	7	15
Other Defined Diseases	91	3	1	1	2	1	9	24	50	47	19	2	18	5	19	3	3	...	...	1	...	16	100
Diseases ill-defined or unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	359	43	21	12	17	17	42	91	116	154	94	29	70	12	69	8	8	...	7	1	1	64	305





# BOROUGH OF GREENWICH.

Causes of, and Ages at, Death during the 52 weeks ended  
31st December, 1921.

CAUSES OF DEATH.		DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).								DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS.								Total Deaths in Public Institutions in the District.		
		All Ages.	Under 1.	1 and under 2.	2 and under 3.	3 and under 4.	4 and under 5.	5 and under 6.	6 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Greenwich and Deptford Hospital.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Other Institutions.	Outside Institutions.			
All causes	Certified .....	1243	175	54	26	58	67	165	301	397	537	340	108	221	37	220	38	33	...	23	4	9	226	997	
	Uncertified .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Enteric Fever		...	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1	
Small-Pox		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Measles		...	5	3	...	2	...	...	...	...	1	4	...	...	...	1	...	...	...	1	...	...	...	5	
Scarlet Fever		...	6	...	2	2	2	...	...	...	4	2	...	...	...	...	...	...	3	...	...	3	24		
Whooping Cough		...	10	4	6	...	...	...	...	...	8	2	...	...	...	4	...	...	...	...	2	1	13		
Diphtheria and Croup		...	28	...	9	5	13	1	...	...	21	3	1	3	...	...	...	...	16	...	...	10	70		
Influenza		...	19	...	1	1	1	2	3	7	4	9	4	3	3	...	1	1	...	...	...	...	11		
Erysipelas		...	2	1	...	...	...	...	...	1	...	...	2	...	...	2	...	...	...	...	...	...	4		
Cerebro-Spinal Fever		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2		
Dysentery		...	4	...	...	...	...	1	1	2	1	2	1	...	...	...	1	...	...	...	...	2	2		
Malaria		...	1	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	...		
Acute Polio Myelitis		...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...		
Phthisis (Pul. Tuberculosis)		...	119	...	...	1	2	32	53	28	3	45	32	15	26	1	16	9	1	...	1	...	25	84	
Tuberculous Meningitis		...	8	1	1	1	3	...	1	...	1	2	3	2	1	...	2	...	1	...	...	2	9		
Other Tuberculous Diseases		...	11	...	1	...	4	4	1	1	...	4	4	1	2	...	1	...	1	...	...	6	15		
Rheumatic Fever		...	3	...	...	...	1	...	...	1	1	2	...	1	...	1	...	...	...	...	...	...	1		
Cancer, malignant disease		...	124	...	...	...	1	1	11	61	50	50	34	11	24	5	25	4	2	...	...	1	17	90	
Bronchitis		...	98	12	1	...	...	6	24	55	43	29	6	19	1	20	1	1	...	...	...	5	64		
Broncho-Pneumonia		...	62	17	15	3	2	1	4	10	10	21	20	13	4	4	10	2	1	...	1	...	6	30	
Pneumonia (all other forms)		...	46	9	3	2	3	2	11	8	8	18	17	1	10	...	1	2	2	...	1	...	1	26	
Other Diseases of Respiratory Organs		...	11	1	1	...	...	1	1	4	3	5	4	...	2	...	4	...	2	...	...	...	1	11	
Diarrhoea & Enteritis		...	38	28	3	...	1	...	...	1	5	11	13	2	10	2	3	...	1	...	...	...	11	15	
Appendicitis and Typhlitis		...	7	...	...	...	1	2	3	...	1	6	1	...	...	3	1	1	...	...	1	1	15		
Alcoholism		...	2	...	...	...	...	2	...	...	2	...	...	...	...	2	...	...	...	...	...	...	2		
Cirrhosis of Liver		...	5	...	...	...	...	...	4	1	2	1	...	2	...	1	1	...	...	...	...	...	4		
Nephritis & Bright's Disease		...	35	1	...	...	1	4	5	12	12	16	7	5	7	...	11	1	...	...	...	1	7	23	
Puerperal Fever		...	6	...	...	...	1	4	1	...	...	5	...	...	1	...	1	...	...	...	...	2	5		
Other Accidents and Diseases of Pregnancy and Parturition		...	5	...	...	...	...	5	...	...	2	3	...	...	...	...	...	...	...	...	...	1	...		
Congenital Debility and Malformation, including Premature Birth		...	76	71	3	1	1	...	...	...	34	20	10	11	1	10	...	2	...	...	...	9	32		
Violent Deaths, excluding Suicide		...	39	4	2	4	8	2	8	7	4	17	9	4	7	2	8	5	3	...	...	9	39		
Suicides		...	7	...	...	...	...	2	4	1	3	2	...	2	...	...	...	...	...	...	...	2	2		
Heart Disease		...	125	...	...	...	3	5	11	36	70	58	30	7	25	5	16	1	...	...	1	20	56		
Other Defined Diseases		...	339	23	6	4	10	6	36	91	163	147	93	23	62	14	77	8	15	...	1	3	2	74	342
Diseases ill-defined or unknown		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		...	1243	175	54	26	58	67	165	301	397	537	340	108	221	37	220	38	33	...	23	4	9	226	997





# BOROUGH OF GREENWICH.

Cases of Infectious Disease notified during the 13 weeks ended 2nd April, 1921.

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.*	TOTAL.
		Under 1.	1 to 4.	5 to 14.	15 to 24.	25 to 44.	45 to 64.	65 and upwards.											
Encephalitis Lethargica	3	...	...	1	...	1	1	...	1	1	...	...	1	1	1	...	...	1	3
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	148	3	40	80	14	10	1	...	96	16	10	16	10	92	16	10	16	9	143
Mem. Croup	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1
Erysipelas	13	1	...	1	...	3	8	...	6	4	2	1	...	...	...	1	...	...	1
Scarlet Fever	175	...	36	108	21	10	...	...	83	48	12	19	13	79	46	10	16	12	163
Malaria	2	...	...	...	1	1	...	...	...	1	1	...	...	...	...	...	...	...	...
Enteric Fever	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	3	...	...	...	...	3	...	...	2	1	...	...	...	1	1	...	...	...	2
Cerebro-Spinal Fever	1	...	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1
Measles	29	5	10	12	1	1	...	...	16	9	1	...	3	...	...	1	...	...	1
Whooping Cough	61	11	44	5	...	...	...	1	56	1	...	2	2	1	...	...	...	...	1
Diarrhoea	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	5	5	...	...	...	...	...	...	1	3	...	1	...	...	...	...	...	...	...
Tuberculosis, Pulmonary	91	...	2	25	19	29	16	...	45	19	7	19	1	...	...	...	1	...	1
„ Non-Pulmonary	27	...	3	16	1	6	1	...	10	11	3	2	1	...	...	...	...	...	...
Pneumonia, Acute Primary or Influenza	44	5	10	7	6	7	7	2	34	8	...	2	...	4	1	...	...	...	5
Totals	605	30	148	256	63	71	34	3	352	123	37	62	31	179	65	23	33	22	322

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





# BOROUGH OF GREENWICH.

Cases of Infectious Disease notified during the 13 weeks ended 2nd July, 1921.

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.*	TOTAL.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.											
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	67	1	5	47	13	1	...	...	35	8	5	12	7	34	6	5	12	7	64
Mem. Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	14	...	...	...	1	3	9	1	5	3	2	4	...	1	1	1	...	...	3
Scarlet Fever	189	...	39	122	18	9	1	...	106	39	7	31	6	102	38	7	28	5	180
Malaria	4	...	...	...	...	4	...	...	...	2	...	1	1	...	...	...	...	...	...
Enteric Fever	2	...	...	1	1	...	...	...	1	1	...	...	...	1	1	...	...	...	2
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	2	...	...	...	...	2	...	...	1	...	1	...	...	1	...	1	...	...	2
Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	320	7	109	204	...	...	...	...	205	37	2	70	6	2	...	...	...	...	2
Whooping Cough	92	12	35	44	...	1	...	...	48	25	7	12	...	...	...	...	...	...	...
Diarrhoea	10	6	4	...	...	...	...	...	4	6	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Tuberculosis, Pulmonary	61	...	...	7	12	33	9	...	22	12	5	20	2	...	...	...	...	...	...
„ Non-Pulmonary	28	1	4	15	4	2	2	...	9	7	8	4	...	...	...	...	...	...	...
Pneumonia, Acute Primary or Influenzal	29	1	7	9	1	7	3	1	19	5	1	4	...	...	1	1	...	...	2
Totals	819	29	203	449	50	62	24	2	455	146	38	158	22	141	47	15	40	12	255

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





# BOROUGH OF GREENWICH.

Cases of Infectious Disease notified during the 13 weeks ended 1st October, 1921.

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.*	TOTAL.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.											
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	96	1	17	64	13	1	...	...	64	20	6	3	3	64	20	6	3	3	96
Mem. Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	10	1	...	1	1	2	1	4	7	2	...	1	...	3	...	...	...	...	3
Scarlet Fever	182	4	38	114	20	6	...	...	88	31	11	47	5	83	31	11	45	4	174
Malaria	2	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...
Enteric Fever	4	...	...	1	1	1	1	...	1	1	...	1	1	1	1	...	1	1	4
Dysentery	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	2	...	...	...	1	1	...	...	1	...	...	1	...	1	...	...	1	...	2
Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio Myelitis	2	...	1	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...
Measles	16	...	8	8	...	...	...	...	9	1	2	4	...	...	...	...	...	...	...
Whooping Cough	136	21	62	53	...	...	...	...	67	55	7	6	1	2	4	...	...	...	6
Diarrhoea	181	91	90	...	...	...	...	...	54	65	9	53	...	2	1	1	...	...	4
Ophthalmia Neonatorum	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Tuberculosis, Pulmonary	53	...	...	10	14	17	10	2	15	12	6	18	2	1	...	...	1	...	2
„ Non-Pulmonary	12	...	3	5	...	2	1	1	3	4	3	2	...	...	...	...	1	...	1
Pneumonia, Acute Primary or Influenzal	8	...	...	2	...	3	2	1	5	2	...	1	...	1	...	...	1	...	2
Totals	706	119	219	258	50	36	16	8	317	196	44	137	12	158	57	18	53	8	294

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





# BOROUGH OF GREENWICH.

Cases of Infectious Disease notified during the 13 weeks ended 31st December, 1921.

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.	KIDDERMORE.*	GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDDERMORE.*	TOTAL.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.											
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	284	1	36	202	36	8	1	...	137	110	3	25	9	125	109	3	23	9	269
Mem. Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	20	...	1	...	4	10	3	2	12	5	3	...	...	4	2	1	...	...	7
Scarlet Fever	412	4	52	292	54	9	1	...	147	176	14	66	9	136	161	13	54	7	371
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	4	...	...	3	1	...	...	...	...	3	...	1	...	...	3	...	1	...	4
Dysentery	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	4	...	...	...	1	3	...	...	...	1	2	1	...	...	1	2	1	...	4
Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio Myelitis	1	...	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1
Measles	207	8	102	94	3	...	...	...	22	144	...	41	...	1	1	...	...	...	2
Whooping Cough	32	3	24	5	...	...	...	...	24	6	2	...	...	4	2	...	...	...	6
Diarrhoea	19	8	11	...	...	...	...	...	1	17	1	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	5	5	...	...	...	...	...	...	2	3	...	...	...	...	...	...	...	...	...
Tuberculosis, Pulmonary	58	...	3	9	17	17	10	2	34	9	4	11	...	1	1	...	1	...	3
„ Non-Pulmonary	6	1	...	1	2	2	...	...	2	4	...	...	...	...	...	...	...	...	...
Pneumonia, Acute Primary or Influenzal	44	2	10	5	6	13	5	3	23	12	...	9	...	2	2	...	2	...	6
Totals	1097	32	239	612	124	62	21	7	406	490	29	154	18	274	282	19	82	16	673

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





# BOROUGH OF GREENWICH.

Cases of Infectious Disease notified during the 52 weeks ended 31st December, 1921.

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.*	TOTAL.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.											
Encephalitis Lethargica	3	...	...	1	...	1	1	...	1	1	...	...	1	1	1	...	...	1	3
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	595	6	98	393	76	20	2	...	332	154	24	56	29	315	151	24	54	28	572
Mem. Croup	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1
Erysipelas	57	2	1	2	6	18	21	7	30	14	7	6	...	8	3	3	...	...	14
Scarlet Fever	958	8	165	636	113	34	2	...	424	194	44	163	33	400	276	41	143	28	888
Malaria	8	...	...	...	1	6	1	...	1	4	1	1	1	...	...	...	...	...	...
Enteric Fever	11	...	...	6	3	1	1	...	2	6	...	2	1	2	5	...	2	1	10
Dysentery	2	...	...	...	...	1	1	...	2	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	11	...	...	...	2	9	...	...	4	2	3	2	...	3	2	3	2	...	10
Cerebro-Spinal Fever	1	...	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1
Acute Polio Myelitis	3	...	1	1	...	1	...	...	1	2	...	...	...	1	...	...	...	...	1
Measles	572	20	229	318	4	1	...	...	252	191	5	115	9	3	1	1	...	...	5
Whooping Cough	321	47	165	107	...	1	...	1	195	87	16	20	3	7	6	...	...	...	13
Diarrhoea	211	105	106	...	...	...	...	...	60	88	10	53	...	2	1	1	...	...	4
Ophthalmia Neonatorum	12	12	...	...	...	...	...	...	4	7	...	1	...	...	...	...	...	...	...
Tuberculosis, Pulmonary	263	...	5	51	62	96	45	4	116	52	22	68	5	2	1	...	3	...	6
„ Non-Pulmonary	73	2	10	37	7	12	4	1	24	26	14	8	1	...	...	...	1	...	1
Pneumonia, Acute Primary or Influenzal	125	8	27	23	13	30	17	7	81	27	1	16	...	7	4	1	3	...	15
Totals	3227	210	809	1575	287	231	95	20	1530	955	148	511	83	752	451	75	208	58	1544

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





# BOROUGH OF GREENWICH.

## INFANTILE MORTALITY DURING THE YEAR 1921.

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.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year.
ALL CAUSES.	Certified ... ..	48	6	10	6	70	31	35	21	18	175
	Uncertified ... ..	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases.	Small-Pox ... ..	...	...	...	...	...	...	...	...	...	...
	Chicken-Pox ... ..	...	...	...	...	...	...	...	...	...	...
	Measles ... ..	...	...	...	...	...	...	...	...	3	3
	Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...
	Whooping Cough ... ..	...	...	...	...	...	1	1	1	1	4
	Diphtheria—Croup ... ..	...	...	...	...	...	...	...	...	...	...
	Erysipelas ... ..	...	...	...	...	...	1	...	...	...	1
Tuberculous Diseases.	Tuberculous Meningitis ... ..	...	...	...	...	...	...	...	1	...	1
	Abdominal Tuberculosis ... ..	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases ... ..	...	...	...	...	...	...	...	...	...	...
	Meningitis ... .. (not Tuberculous)	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases.	Convulsions ... ..	1	...	...	1	2	...	...	2	2	6
	Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...
	Bronchitis ... ..	1	...	...	1	2	2	5	1	2	12
	Pneumonia, all forms ... ..	1	1	2	...	4	5	10	3	4	26
	Diarrhoea, all forms ... ..	...	...	...	...	...	1	4	1	...	6
	Enteritis ... ..	...	...	1	...	1	3	9	8	1	22
	Gastritis ... ..	...	...	...	...	...	1	...	...	2	3
	Syphilis ... ..	...	...	...	1	1	...	2	...	...	3
	Rickets ... ..	...	...	...	...	...	...	...	...	1	1
	Suffocation, overlaying ... ..	...	...	...	1	1	...	...	...	1	2
	Injury at Birth ... ..	2	1	...	...	3	...	...	...	...	3
	Acteectasis... ..	4	...	1	...	5	...	...	...	...	5
	Congenital Malformations ... ..	4	...	...	...	4	1	1	...	...	6
	Premature Birth ... ..	21	1	3	1	26	3	1	...	...	30
	Atrophy, Debility, and Marasmus ... ..	12	2	1	1	16	11	2	1	...	30
	Other Causes ... ..	2	1	2	...	5	2	...	3	1	11
TOTALS ... ..		48	6	10	6	70	31	35	21	18	175



