

Sixty-third annual report on the health and sanitary condition of the Metropolitan Borough of Islington.

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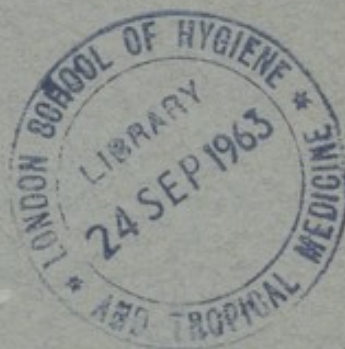
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1918.



SIXTY-THIRD
ANNUAL REPORT
ON THE
HEALTH & SANITARY CONDITION
OF THE
METROPOLITAN
Borough of Islington.

ALFRED EDWIN HARRIS,
MEDICAL OFFICER OF HEALTH.

LONDON
VAIL & Co., PRINTERS TO THE COUNCIL, 170, FARRINGDON ROAD, E.C.

1919.

WITH THE COMPLIMENTS OF THE
MEDICAL OFFICER OF HEALTH.

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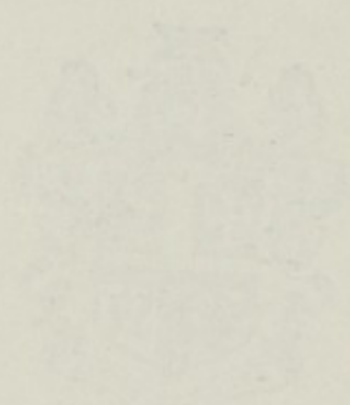
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NEW YORK

ANNUAL REPORT

HEALTH & SANITARY CONDITION

REPORT

OF THE

ALBANY REGIONAL BOARD

OF HEALTH

PRINTED BY THE ALBANY REGIONAL BOARD OF HEALTH

1918

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REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1918.

Population.—The population of the Borough in the year 1918 has again been divided into two categories by the Registrar-General—the estimated civil population, upon which is calculated the death rate of the persons dying in the Borough, and the estimated total population for the calculation of the birth rate. This includes, and that excludes, the military population.

Total population (inclusive of military)	...	320,900
Civil ,, (exclusive of military)	...	286,400

MARRIAGES.

Marriages.—The number of persons married was 5,942, which is 564 more than the number married in the preceding year. The marriage rate, which was 18·51 per 1,000 inhabitants, was the highest rate since 1915, when it was 26·12.

BIRTHS.

The births registered during 1918 numbered 5,197, as contrasted with 8,359 in the year before the war and with 5,837 in 1917. The birth rate represents 16·20 per 1,000 of the population, and is 4·2 per 1,000 lower than the death rate. The birth rate in 1913 was 25·19, in 1917 it was 17·62 per 1,000 inhabitants.

Illegitimate Births.—239 illegitimate births were registered, and were equal to 4·6 per cent. of the total registered births. This number was 58 less than in the previous year, and were 0·4 per cent. of the registered births less than in 1917.

Notification of Births Act, 1907.—4,303 births were notified, or 83 per cent. of the total number that was registered during the year. They were notified as follows:—

Notified by—	Still Births.	Live Births.	Total.
Doctors	15	356	371
Certificated Midwives ...	54	2,540	2,594
Parents and other persons ...	25	1,313	1,338
	<u>94</u>	<u>4,209</u>	<u>4,303</u>

DEATHS.

The deaths numbered 5,841, while the death rate was 20·40 per 1,000 of the population or 4·92 above that of the preceding year (15·48), and was 5·3 more than the average of the previous 10 years.

The Deaths from All Causes in the Sub-registration Districts were as follows:—

Sub-Districts.	QUARTERS.				The Year.
	1	2	3	4	
Tufnell	132	103	83	230	548
Upper Holloway ...	190	121	116	270	697
Tollington	146	101	97	240	584
Lower Holloway ...	161	143	135	303	742
Highbury	240	177	157	351	925
Barnsbury	258	196	166	354	974
Islington (South-East)	406	250	235	480	1,371
THE BOROUGH ...	1,533	1,091	989	2,228	5,841

INFANT MORTALITY.

571 deaths occurred amongst infants under 12 months old, or 230 below the decennial average of 801. These deaths represented an infant mortality rate of 110 per 1,000 infants born, which is 8 per 1,000 above the mean annual record of the preceding 10 years.

Infantile Mortality during each of the Ten Years 1909-18.

Deaths at various Ages under One Year of Age.

Years.	Under 1 week.	WEEKS.			Total under 4 weeks.	MONTHS.				Total Deaths under 1 year.
		1-2	2-3	3-4		4 weeks and under 3 months.	3-6	6-9	9-12	
1909	156	52	26	35	269	147	148	144	133	841
1910	163	45	41	29	278	131	144	106	118	777
1911	170	52	34	37	293	207	201	171	168	1040
1912	190	41	25	24	280	133	121	81	95	710
1913	195	49	47	29	320	187	178	111	102	898
1914	179	40	39	33	291	159	181	118	100	849
1915	155	49	35	31	270	142	152	125	116	805
1916	129	32	27	21	209	128	116	92	89	634
1917	93	38	23	7	161	106	108	99	91	565
1918	123	31	19	14	187	87	112	78	107	571
Totals	1553	429	316	260	2558	1427	1461	1125	1119	7690

The mortality in the registration sub-districts ranged from 83 per 1,000 births in Upper Holloway to 135 in Tollington.

Showing the **Deaths among Infants per 1,000 Births** during the year **1918**,
and also the mortality rates for the years 1908-17.

SUB-DISTRICTS.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	Mean 10 years.	1918.	Increase or de- crease on mean.
Tufnell -	81	107	78	85	61	108	93	65	84	99	86	93	+ 7
Upper Hollo- way	74	77	88	115	85	119	86	118	67	68	89	83	- 6
Tollington -	117	96	88	131	88	104	92	135	93	102	105	135	+30
Lower Hollo- way	125	101	108	162	94	121	134	118	107	121	119	130	+11
Highbury -	101	93	82	104	80	89	93	109	74	83	91	99	+ 8
Barnsbury -	119	111	111	162	98	128	119	107	103	114	117	122	+ 5
Islington South East	99	117	94	128	94	98	105	108	91	89	102	107	+ 5
The Borough	103	103	95	128	86	107	104	107	87	97	101	110	+ 9

In London the infant mortality rate was 107 per 1,000 births, while in the six boroughs encircling Islington it was 101 per 1,000. The rate for England and Wales was 97 per 1,000 births.

The following Table shows the diseases that proved most fatal in the first year of child life, together with the mortality rates per 1,000 births.

*Showing the **Mortality** per 1,000 Births among **Infants under one year of age** in the three years 1901-03; in the ten years 1908-17; and in 1918 from certain specified causes.*

Causes of Death.					Mean rate of 3 years 1901-2-3 per 1,000 Births.	1918.	Mean rate 10 years 1908-17 per 1,000 Births.
Premature Birth and Congenital Defects	..	..	..	..	24.25	25.01	21.51
Bronchitis and Pneumonia	..	..	..	..	25.67	22.51	18.71
Atrophy and Marasmus	..	..	..	..	20.54	16.93	14.51
Diarrhoeal Diseases (all forms)	..	..	..	..	10.81	11.55	9.29
Convulsions	..	..	..	..	6.66	2.12	1.91
Whooping Cough	..	..	..	..	6.44	7.12	4.08
Measles	..	..	..	..	3.27	4.42	3.06
Phthisis	..	..	..	..	1.85	0.20	0.38
Other forms of Tuberculosis	..	..	..	..	5.68	3.46	3.56
Diphtheria	..	..	..	..	0.43	0.38	0.25
Total of above	..	..	..	..	105.60	93.70	77.26
All other causes	..	..	..	..	27.11	16.16	24.69
Total	..	..	..	..	132.71	109.86	101.95

WELFARE WORK BY HEALTH VISITORS.

For the purpose of carrying out this work, the borough was divided into two districts, *i.e.*, the part of Islington north of the Great Northern Railway, which is called the Northern District, and that south of the railway, which is known as the Southern District. To each a Health Visitor is appointed.

The work performed by the two Health Visitors, during the year 1918, is set out in the following summary :—

	Northern District.		Southern District.		Total.	
	<i>Investiga- tions.</i>	<i>Calls.</i>	<i>Investiga- tions.</i>	<i>Calls.</i>	<i>Investiga- tions.</i>	<i>Calls.</i>
Measles (notifications) -	1200	347	751	569	1951	916
Ophthalmia Neonatorum (notifications)	29	64	22	71	51	135
Diarrhœa and Dysentery - (infant deaths)	1	...	7	18	8	18
Chicken Pox - - -	1	...	1	...	2	...
Small Pox - - -	...	21	...	34	...	55
Births (notified) - -	83	156	9	87	92	243
Complaints (<i>re</i> Welfare of Infants) - - -	3	5	3	11	6	16
Afternoons at Maternity Centres - - -	28	...	5	...	33	...
Visits to Welfare Centres	...	9	...	8	...	17
Do. <i>re</i> Supply of Free Milk - - -	4	27	21	46	25	73
Do. <i>re</i> Supply of Free Doctors - - -	4	2	3	4	7	6
Other investigations -	8	31	...	46	8	77
Totals - - -	1361	662	822	894	2183	1556
MEASLES.						
Contacts in Borough - -	-	-	-	2246	-	-
Close Contacts - - -	-	-	-	1958	-	-

WORK PERFORMED BY THE VOLUNTARY MATERNITY AND CHILD WELFARE CENTRES:—

NORTH ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Number of Expectant Mothers	-	-	176
„ Attendances	-	-	489
„ Consultations held	-	-	48
Number of Babies attending (all ages)	-	-	1,009
„ „ (under 1 year)	-	-	760
„ Attendances	-	-	6,400
„ Consultations held	-	-	290
Number of Attendances of Morning Callers	-	-	1,043
Number of Sewing Classes	-	-	72
„ Attendances	-	-	592
Number of Health Talks	-	-	69
„ Attendances	-	-	1,306
Number of Visits—Professional	-	-	4,094
„ „ —Voluntary	-	-	718
Number of Deaths—Infant	-	-	18
„ „ —Other	-	-	17
Infant Mortality (based on per 1,000 infants under 1 year)	-	-	23·7
Milk for necessitous Mothers	-	-	101

SOUTH ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Ante-Natal Cases.

Number of Mothers	-	-	-	77
Full Term Births	-	-	-	41
Premature Births	-	-	-	2
Still Births	-	-	-	1
Miscarriages	-	-	-	5
Not yet confined	-	-	-	22
False Pregnancy	-	-	-	1
Left the neighbourhood before confinement	-	-	-	3
Number of Attendances	-	-	-	179
Referred to Hospital for Treatment	-	-	-	3
Home Visits	-	-	-	160

Post-Natal Cases.

Number of Mothers	-	-	-	89
Number of Attendances	-	-	-	190
Referred to Hospitals—				
Medical	-	-	-	10
Surgical	-	-	-	8

Given Convalescent Treatment	-	-	11
Number of Deaths—Infant	-	-	10
„ „ —Other	-	-	13
Infant Mortality (based on per 1,000 infants under 1 year)	-	-	34.2

Record of Children.

Children on Books 31st March, 1918	-	-	753
New Children during the year	-	-	348
Children on Books 31st March, 1919	-	-	1,101
Ceased to attend since 31st March, 1918	-	-	425
In attendance at the present time	-	-	676

Analysis of Attendances.

Children under 1 year	-	-	292
Do. over 1 year	-	-	324
Weighing and Consultations	-	-	5,293
Weighings only	-	-	1,292
Special attendances	-	-	292
Milk for necessitous Mothers	-	-	94

WEST ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Patients.

Children under 1 year	-	-	343
Do. over 1 year	-	-	242
Mothers, nursing	-	-	118
Do., expectant	-	-	33
Consultations	-	-	171
New Patients	-	-	539
Attendances of Patients	-	-	4,272
Home Visits, Supt.	-	-	1,930
Do. Assist.	-	-	1,989
Do. Nurse	-	-	634
Weighings only	-	-	1,830
Dressings, etc.	-	-	515
Massage	-	-	365
Deaths	-	-	12
Infant Mortality (based on per 1,000 infants under 1 year)	-	-	35.0

EAST ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Children under 1 year	-	-	-	190
Do. over 1 year	-	-	-	65
Mothers, nursing	-	-	-	21
Do. expectant	-	-	-	26
Consultations held	-	-	-	50
Total attendances	-	-	-	1,296
Home visits (Supt.)	-	-	-	1,895
Do. (Voluntary)	-	-	-	30
Weighings only	-	-	-	173
Massage	-	-	-	232
Deaths	-	-	-	8
Infant Mortality (based on per 1,000 infants				
under 1 year)	-	-	-	42.1
Milk for necessitous mothers	-	-	-	23

DEATHS IN PUBLIC INSTITUTIONS.

Within the Borough.—2,521 persons died in the Public Institutions located in Islington, of whom only 1,728 belonged to this borough, the remaining 793 having come here for treatment or relief. Of these 592 died in the Holborn Infirmary and 94 died in the Great Northern Central Hospital.

Of the 1,728 deaths of inhabitants, 1,196 occurred in the Islington Infirmary, 364 in the Islington Workhouses, and 110 in the Great Northern Central Hospital. The proportion which the 1,728 deaths in these public institutions bore to the borough mortality was 29.6 per cent.

Without the Borough.—865 deaths of persons belonging to Islington were registered as occurring in Public Institutions in districts of London outside the borough and in various provincial towns. They included, among others, 35 in the North-Western Fever Hospital, 47 in the Children's Hospital, Great Ormond Street, 81 in St. Bartholomew's Hospital, 53 in the Colney Hatch Asylum, 41 in the Royal Free Hospital, 33 in the University College Hospital, 24 in the North-Eastern Fever Hospital, 37 in the Leavesden Asylum, and 76 in the Claybury Asylum.

These 865 deaths represented 14.8 per cent. of all the deaths registered in the year.

Within and Without the Borough.—The deaths of Islingtonians numbered 2,593, and were equal to 44.4 per cent. of the total deaths registered during the year.

Fatal Accidents or Sudden Deaths outside the Borough.—One hundred and thirty-one inhabitants died from accidental deaths, or suddenly, in places outside Islington.

Deaths from the principal Epidemic Diseases.—372 persons died from these diseases; and their deaths represented a death-rate of 1·30 per 1,000 of the civil population, as contrasted with a decennial average of 387 deaths and a death-rate of 1·20 per 1,000. In London there were 5,302 deaths from the same diseases, representing a death rate of 1·32 per 1,000 of the civil population, while in the Boroughs encircling Islington the death rate was 1·38. The following is the record of the various diseases:—

Disease	Deaths.	Death rate.
Enteric Fever	7	0·02 per 1,000
Measles	114	0·40 „
Scarlet Fever	8	0·03 „
Whooping Cough	147	0·51 „
Diphtheria	45	0·16 „
Diarrhœa	51	0·18 „
Total	<u>372</u>	<u>1·30</u> „

INFLUENZA.

This disease which is very infectious caused 931 deaths.

The record of deaths since 1856 are given below in quinquennial periods:—

Quinquennia.	Deaths.	Average number of Deaths per annum.
1856-60	18	3·6
1861-65	12	2·4
1866-70	10	2·0
1871-75	2	0·4
1876-80	2	0·4
1881-85	2	0·4
1886-90	40	8·0
1891-95	718	143·6
1896-00	420	84·0
1901-05	271	54·2
1906-10	329	65·8
1911-15	224	44·8
1916-18 (3 years)	1,004	334·5

The following statement gives the ages at which persons died in the borough and contrasts them with the returns for the preceding ten years, showing the increased number of deaths at each age :—

Ages.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	Mean 10yrs.	1918.	Differ- ence.
0-5	3	1	2	3	1	5	1	3	—	1	2	106	+ 104
5-10	—	1	—	—	—	—	1	—	—	—	—	52	+ 52
10-15	—	—	—	—	—	—	—	—	—	—	—	32	+ 32
15-25	5	2	2	1	2	2	1	5	—	—	2	141	+ 139
25-35	3	4	2	4	1	4	1	4	—	2	2	252	+ 250
35-45	8	8	3	2	5	8	6	7	1	2	5	109	+ 104
45-55	14	10	5	6	1	17	5	15	6	7	9	93	+ 84
55-65	16	9	5	3	4	5	7	12	6	8	7	69	+ 62
65-75	14	20	5	10	7	7	7	11	10	10	11	50	+ 39
75 up- wards	18	15	12	8	7	10	1	14	13	6	10	27	+ 17
All Ages	81	70	36	37	28	58	30	71	36	36	48	931	+ 883

Showing the **Deaths from Influenza** in the Quarters of the Year 1918, together with the averages of the corresponding periods, 1908-17.

YEARS.	QUARTERS.				TOTALS.
	FIRST.	SECOND.	THIRD.	FOURTH.	
1908	52	20	3	6	81
1909	36	19	4	11	70
1910	21	6	2	7	36
1911	18	9	1	9	37
1912	14	4	2	8	28
1913	25	18	5	10	58
1914	17	5	3	5	30
1915	52	11	3	5	71
1916	9	7	2	18	36
1917	22	8	1	5	36
Average	27	11	2	8	48
1918	14	8	60	849	931
Increase or Decrease	— 13	— 3	+ 58	+ 841	+ 883

SEPTIC DISEASES.

Of these diseases Erysipelas and Puerperal Septicæmia are the chief.

Erysipelas.—Seven deaths were registered, which is one below the number in 1917, and 3 less than the average of the ten years 1908-17.

Puerperal Diseases.—These include Puerperal Pyæmia, Septicæmia, Septic Intoxication and Puerperal Fever, and they caused one death, which is 5 below the return of 1917, and 6 less than the average of the preceding ten years.

CONSTITUTIONAL DISEASES.

The chief of these diseases are Cancer, Tubercúlosis, Rheumatism, Diabetes, Gout, Gangrene and Purpura. They were collectively responsible for 1,110 deaths, as contrasted with an average of 1,048 in the preceding ten years. The death rate represented 3.87 per 1,000, as contrasted with a decennial average of 3.26

Cancer.—There were 393 deaths registered from it during the year, as contrasted with 432 in 1917, and with an average of 380 in the previous decennial period. The deaths represented a death rate of 1.37 per 1,000 of the inhabitants, which is a high rate, although not the highest that has been registered in Islington. 188 deaths occurred among males and 205 among females. It will be noticed in the following tabular statement how fell the disease becomes as age advances :—

Ages.											Average.	
	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1908-1917.	1918.
0-5	1	—	2	1	1	1	—	—	—	2	1	—
5-15	2	3	1	3	2	—	2	1	3	2	2	—
15-25	8	3	5	4	4	7	2	2	—	5	4	—
25-35	6	10	6	5	7	13	11	7	4	8	8	8
35-45	41	27	40	32	25	31	37	24	30	31	32	27
45-55	63	79	72	67	71	83	69	75	86	73	74	75
55-65	112	96	100	92	130	99	121	120	124	131	112	99
65-75	93	94	85	87	86	115	96	105	114	120	99	126
75-85	39	34	47	31	51	49	40	39	48	55	43	52
85 & up-wards	2	7	3	7	5	6	6	4	3	5	5	6
	367	353	361	329	382	404	384	377	412	432	380	393

TUBERCULOSIS.

All the tubercular diseases caused 631 deaths and were 68 above the average of the last decennium, and were also 35 above the number registered in 1917. The death-rate resulting from them was equal to 2·20 per 1,000 of the civil population, and represented 10·8 per cent. of the deaths from all causes during the year.

Pulmonary Phthisis.—This disease, which is the principal one of the group, and caused 516 deaths, as contrasted with the decennial average of 437, while the death-rate was 1·80 per 1,000 of the civil population, as against the decennial rate of 1·36 per 1,000, which figures are an increase of 79 on the number of deaths and 0·44 on the mean death-rate. In 1911 the death-rate from Phthisis was 1·16 per 1,000 of the population, and in 1918 rose to 1·80 which is the highest rate recorded during 11 years.

Years	PULMONARY PHTHISIS.			Proportion of		Death rates	
	Deaths.		Death rates per 1,000 inhabitants.	Deaths from Phthisis per 100 Deaths from All Causes.		from All Causes per 1,000 inhabitants.	
1908	... 432	...	1·29	... 9·23	...	13·9	
1909	... 424	...	1·29	... 8·62	...	14·9	
1910	... 390	...	1·19	... 8·62	...	13·8	
1911	... 379	...	1·16	... 7·88	...	14·9	
1912	... 427	...	1·31	... 9·12	...	14·3	
1913	... 420	...	1·26	... 8·35	...	15·1	
1914	... 461	...	1·42	... 9·33	...	15·2	
1915	... 496	...	1·57	... 8·98	...	17·4	
1916	... 458	...	1·48	... 9·64	...	15·3	
1917	... 485	...	1·63	... 10·54	...	15·5	
Average 10 years	... 437	...	1·36	... 9·03	...	15·0	
1918	... 516		1·80	... 8·83	...	20·4	

The following return gives the deaths at each age period:—

Age periods.		Deaths.	Age periods.		Deaths.
0-5	...	7	55-65	...	62
5-15	...	21	65-75	...	25
15-25	...	84	75 upwards	...	3
25-35	...	110			
35-45	...	113	Total	...	516
45-55	...	91			

Other Tubercular Diseases.—In addition to the deaths from Phthisis there were 115 from other tubercular diseases, namely:—

Tabes Mesenterica	...	...	...	20 deaths.
Tubercular Meningitis	...	...	...	67 „
General Tuberculosis	...	...	...	11 „
Other forms of Tuberculosis	...	...	...	17 „

These brought up the total number of deaths from tubercular diseases to 631, which are equal to an annual death-rate of 2.20 per 1,000 of the civil population.

Their distribution among the sub-registration districts was as follows:—

	Phthisis.	Tabes Mesenterica	Tubercular Meningitis.	General Tuberculosis.	Other forms of Tuberculosis.	TOTALS.
Tufnell - - -	44	4	4	—	2	54
Upper Holloway - - -	67	—	8	—	2	77
Tollington - - -	55	2	8	2	1	68
Lower Holloway - - -	59	4	8	—	2	73
Highbury - - -	65	1	11	4	1	82
Barnsbury - - -	96	5	10	1	4	116
Islington South-East -	130	4	18	4	5	161
<hr/>						
The Borough -	516	20	67	11	17	631
<hr/>						

DEATHS FROM THE DISEASES OF THE RESPIRATORY SYSTEM.

These diseases, which include Chronic and Acute Bronchitis, Pneumonia, Pleurisy and Asthma, caused 1,156 deaths, or 269 more than in 1917. They were equal to a death-rate of 4.03 per 1,000 of the civil population, and represented 19.8 per cent. of the total deaths registered in the borough.

Acute Bronchitis.—There were 144 deaths as compared with 132 in the previous year. 55 occurred among males, and 89 among females. The deaths of 28 infants under 12 months were registered.

Chronic Bronchitis.—Three hundred and six deaths were ascribed to it, 175 being males and 131 females. This return is 4 below that for 1917.

Pneumonia (All forms).—Six hundred and forty-nine deaths were registered, of which 321 were males and 328 females. They are 254 above the number who died in 1917. It was very fatal to infants under a year old, among whom it caused 87 deaths, while between the ages of 1 and 5 years 190 died from it. Above 5 years of age the deaths numbered 372.

As many as 208 deaths occurred in Public Institutions, chiefly the Work-house Infirmaries.

Pleurisy.—From this disease 19 deaths were registered, of which 2 were under five years old. Only 3 deaths occurred in Public Institutions.

Asthma and Emphysema.—Twenty-two deaths were recorded from these diseases, 21 of which were those of adults.

Other Diseases of the Respiratory System.—Sixteen deaths were registered from them, as contrasted with 14 in 1917.

VENEREAL DISEASES.

Fifteen deaths were ascribed to these diseases, which equalled the return for 1917. They were 2 below the mean of the preceding ten years 1908-17.

The annual average number of deaths recorded during ten years from these diseases at three groups of ages has been as follows:—Under 1 year 11 deaths, 1-5 years 1 death, and over 5 years 5 deaths, making an average total of 17 per annum.

INQUESTS AND MORTUARY.

During the year 476 bodies were received into the Mortuary, as compared with an average of 575 in the preceding 10 years. The return is the lowest known for forty-one years.

The daily average number of bodies received was 1·3 and equalled that of 1917.

In 348 cases inquests were held, as contrasted with an average of 404 in the ten years 1908-1917.

THE NOTIFICATION, ISOLATION, FATALITY, AND PREVENTION OF INFECTIOUS DISEASES.

NOTIFICATION OF INFECTIOUS DISEASES.

UNDER THE PROVISIONS OF THE PUBLIC HEALTH (LONDON) ACT, 1891.

THE PRINCIPAL DISEASES COMPRISE :—

Small Pox, Scarlet Fever, Diphtheria, Membranous Croup, Enteric Fever, Typhus Fever, Continued Fever, Erysipelas and Puerperal Fever.

The number of cases notified was 1,127, which represent an annual attack-rate of 3·93 per 1,000 of the civil population. They were 794 below the average (1,921) which obtained in the preceding ten years 1908-17. This

decline was due to a decrease, when a comparison is made with the average of these years, of 634 cases of Scarlet Fever, of 35 cases of Diphtheria, of 31 cases of Enteric Fever, of 81 cases of Erysipelas, and of 15 cases of Puerperal Fever. On the other hand Small Pox showed an increase of 2 cases when similarly compared.

The above rate of 3.93 per 1,000 of the civil population is further increased to 14.90 per 1,000 when the 3,150 cases of Measles notified under the "Public Health (Measles and German Measles) Regulations, 1915," are included.

In London the attack-rate (less Measles) was 4.37 per 1,000, or 0.44 higher than in Islington, while in the Encircling Boroughs it was 4.28 or 0.35 higher than here.

Small Pox.—Two cases were notified in the Borough during the year; no previous case was known since 1910, when one case was entered.

Scarlet Fever.—432 cases were notified, or a decrease of 634 or 40 per cent. on the average (1,066) of the ten years 1908-17. The attack-rate was equal to 1.51 per 1,000 of the civil population annually, which is a decrease of 1.81 per 1,000 on the mean rate (3.32) of the preceding ten years.

Diphtheria and Membranous Croup were responsible for 518 cases of illness, and were 35 below the average (553) of the preceding ten years. The attack-rate was equal to 1.81 per 1,000 of the civil population annually, and was 0.09 above the mean rate (1.72) of the decennial period.

In London the attack-rate was (2.03) per 1,000, and in the Encircling Boroughs 2.03.

Enteric Fever was only notified in 30 instances which is 31 below the average (61) that obtained during the ten years 1908-17. The attack-rate was 0.10 per 1,000 annually, or 0.09 per 1,000 below the mean rate (0.19) of the last ten years.

In London the rate was 0.09 and in the Encircling Boroughs 0.09 per 1,000 of the civil population.

Typhus Fever.—Nil return.

Continued Fever.—Nil return.

Erysipelas.—141 cases were notified, or 81 below the average (222) of the preceding ten years, the attack-rate being 0.49 per 1,000 of the civil population, as compared with 0.50 in London and 0.54 in the Encircling Boroughs.

Puerperal Fever.—4 notifications were received, being in the proportion of 0·77 per 1,000 births. The cases were 3 below the average number notified during the ten years 1908-17, and showed a decrease of 0·12 in the proportion of attacks to a thousand births.

HOSPITAL ISOLATION OF NOTIFIABLE INFECTIOUS DISEASES.

There were 982 cases isolated in hospital, or 87·1 per cent. of the 1,127 cases which were notified during the year. Only 12·9 per cent. of the patients were nursed at home.

The percentage of cases treated in hospital during the preceding ten years, 1908-17, averaged 85·0.

FATALITY FROM NOTIFIABLE INFECTIOUS DISEASES.

By "Fatality" is meant the percentage proportion of deaths to attacks of sickness.

During the year it was found that out of the 1,125 cases notified 67 deaths occurred, or 6 per cent., which contrasts with an average percentage of 4·8 in the preceding ten years 1908-17.

CASES TREATED IN HOSPITAL.

Disease.	No.	Percentage of known cases.
Small Pox - - - -	1	50·0
Scarlet Fever - - - -	406	94·0
Diphtheria - - - -	503	97·1
Enteric Fever - - - -	27	90·0
Erysipelas - - - -	41	29·1
Puerperal Fever - - - -	4	100·0
	<u>982</u>	<u>87·1</u>

OTHER NOTIFIABLE DISEASES.

ACUTE POLIOMYELITIS.

Five cases were notified during the year, as compared with six cases recorded in 1917. One death from the disease was registered.

EPIDEMIC CEREBRO-SPINAL MENINGITIS.

Fourteen cases were notified, being a decrease of 13 on the return for 1917, and eight died, the fatality from the disease being at the rate of 57 per cent. of the cases notified.

CHICKEN POX.

This disease was made notifiable by an Order of the London County Council from the 27th March to 30th June, 1918, during which period 652 cases were notified.

OPHTHALMIA NEONATORUM.

This disease, which is so frequently caused by Gonorrhœa, was responsible for 39 notifications, of which 28 were forwarded by members of the Medical Profession, and 11 by Midwives. As the result of visits by the Health Visitors 30 cases were referred to Hospitals for treatment, while 19 were attended at their homes. Nurses were provided by the Council in 11 cases.

	Tufnell.	Upper Holloway.	Tollington.	Lower Holloway.	Highbury.	Barnsbury.	Islington, South-East.	The Borough.
Cases notified by Doctor	6	4	4	3		4	3	28
„ „ by Midwife	*	1*	5*	..	2*	..*	3	11
Cases inquired into.. ..	6	5	9	3	6	4	6	39
„ treated in Hospital	4	4	6	3	6	2	5	30
„ treated at Home	2	1	3	..	..	2	1	9
„ attended by Nurse	1	..	1	..	4	2	3	11

* Notifications were also received from midwives which had been notified by doctors.

TUBERCULOSIS.

1,189 cases of Tubercular Disease were notified, and represent an attack-rate of 4.15 per 1,000 of the civil population. This number is an increase of 134 on the return of the preceding year, and on the attack-rate of 0.60. It was also 346 more than in 1916.

Pulmonary Phthisis.—1006 notifications were received, of which 603 referred to males and 403 to females, and represented an attack-rate of 3.51 per 1,000. The return was an increase of 109 on that of 1917.

*CASES OF TUBERCULOSIS IN ISLINGTON
DURING 1918*

*BLACK denotes PULMONARY TUBERCULOSIS.
WHITE „ OTHER FORMS OF TUBERCULOSIS.*



WATERMAN, P. R. & J. H. B. 1914
P. 1-100

WATERMAN, P. R. & J. H. B. 1914
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THE PERIODS OF LIFE AT WHICH TUBERCULOSIS ATTACKED
THE PERSONS NOTIFIED DURING 1918

Tubercular Diseases.	Sex.	CASES NOTIFIED IN WHOLE DISTRICT.							
		At all ages.	At Ages—Years.						
			Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards
Phthisis .. (including Tuberculosis of Larynx.)	M.	603	1	4	52	96	295	137	18
	F.	403	—	1	48	79	182	82	11
Tubercular Meningitis ..	M.	10	4	2	3	1	—	—	—
	F.	10	3	2	3	2	—	—	—
Tabes Mesenterica ..	M.	14	—	6	5	1	2	—	—
	F.	10	1	1	5	1	1	1	—
General Tuberculosis ..	M.	3	—	—	1	—	2	—	—
	F.	2	1	1	—	—	—	—	—
Other forms of Tuberculosis	M.	61	1	7	28	10	8	6	1
	F.	73	—	6	33	15	12	5	2
All Tubercular Diseases ..	M.	691	6	19	89	108	307	143	19
	F.	498	5	11	89	97	195	88	13
TOTALS ..		1189	11	30	178	205	502	231	32
Percentages at each life period to total cases ..		100	1.0	2.5	15.0	17.2	42.2	19.4	2.7

Disinfection of Houses and Rooms after Phthisis. The following statement gives the particulars for the year :—

				Houses.	Rooms
1st quarter	...	...	...	97	112
2nd "	...	...	...	64	92
3rd "	...	...	...	71	93
4th "	...	...	...	70	100
Total				302	397

TUBERCULOSIS DISPENSARIES.

The work of the Tuberculosis Dispensaries has been very satisfactorily performed, and during the year 1,507 persons were examined by the Tuberculosis Officers, and the patients made 10,309 attendances.

At the Northern Dispensary there were 635 new cases, and at the Southern 872, while the attendances at the former were 3,798 and at the latter 6,511. The examination of contacts with tuberculous cases showed that 45 were suffering from tuberculosis, 58 were suspect, and 297 were not suffering. The nurses of the Northern Dispensary paid 1,540 visits, and those of the Southern 1,272, to the homes of the patients, while the Tuberculosis Officer of the Northern Dispensary made 131 visits and of the Southern 174 visits to the patients' homes for the purpose of examining their patients. The full particulars for each month of the year are set out in the tabular statement which is as follows :—

Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
New Cases	52	68	75	80	85	90	95	100	105	110	115	120	1,100
Examinations	120	130	140	150	160	170	180	190	200	210	220	230	2,100
Visits to Patients' Homes	100	110	120	130	140	150	160	170	180	190	200	210	1,900
Attendances	500	550	600	650	700	750	800	850	900	950	1,000	1,050	8,500

Examination of Patients and Persons with Tuberculosis. The following table

gives the particulars for the year :—

Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
New Cases	52	68	75	80	85	90	95	100	105	110	115	120	1,100
Examinations	120	130	140	150	160	170	180	190	200	210	220	230	2,100
Visits to Patients' Homes	100	110	120	130	140	150	160	170	180	190	200	210	1,900
Attendances	500	550	600	650	700	750	800	850	900	950	1,000	1,050	8,500

Table showing the number of **Tuberculous Persons** attending the Borough Tuberculosis Dispensaries and the New Cases during 1918.

Date.	Dispensary.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Year.	TOTAL.
Attendances ...	Northern Southern	258 461	241 522	304 585	390 610	369 644	316 562	389 583	286 464	292 533	344 615	299 478	310 454	3,798 6,511	10309
New Cases ... Including Contacts.	Northern Southern	54 60	46 85	63 92	62 83	69	58 85	72 101	41 61	44 84	46 64	40 5	32 53	635 872	1,507
CONTACTS.															
Tuberculosis ...	Northern Southern	— 4	2 3	1 2	4 —	1 —	2 3	— 2	1 1	1 5	— —	3 6	2 2	17 28	45
Suspects ...	Northern Southern	2 5	1 7	3 4	3 7	1 3	1 3	2 5	1 —	1 2	2 2	1 1	1 1	18 40	58
Non-Tuberculous	Northern Southern	1 19	3 25	7 35	11 17	10 20	5 17	4 21	4 10	7 32	5 22	6 1	4 11	67 230	297
Nurses' Visits ...	Northern Southern	141 131	138 138	131 122	126 134	169 143	137 131	145 132	159 20	122 137	10 128	140 6	122 50	1,540 1,272	2,812
Tuberculosis Officers' Visits ...	Northern Southern	12 14	15 15	14 14	14 15	13 14	10 15	10 13	10 16	— 15	12 14	10 16	11 13	131 174	305

THE INFECTIOUS DISEASES IN THE PUBLIC ELEMENTARY SCHOOLS.

1,545 cases of the notifiable infectious diseases occurred in the Public Elementary Schools of the Borough, of which 228 were Scarlet Fever, 194 Diphtheria and 1,123 Measles.

The number of notifications of the several diseases are given below :—

Disease.	No. of Notifications.	Average of preceding 10 years.	Decrease.
Scarlet Fever ...	228	582	354
Diphtheria ...	194	246	52
Enteric Fever ...	—	8	—
*Measles ...	1,123	—	—
Total ...	<u>1,545</u>		

* N.B.—Measles only became a notifiable disease from 1st January, 1916.

Non-Notifiable Diseases.—3,484 cases came to the knowledge of the Medical Officer of Health during the quarter, viz. :—742 cases of Whooping Cough, 917 of Chicken Pox, and 1,825 cases of other diseases.

The information respecting these cases was received from the teachers of 57 schools.

Exclusion of Scholars from Schools.—1,524 children were excluded from classrooms of various schools owing to the presence of an infectious disease, chiefly Diphtheria, in the houses wherein they lived.

Non-notifiable diseases among children attending the Public Elementary Schools :—

Disease.	Notifications by Teachers.	Average of preceding 10 years.	Increase or Decrease.
Chicken Pox ...	917	783	+134
Whooping Cough ...	742	644	+ 98
Other Diseases ...	1,825	2,287	—462
	<u>3,484</u>	<u>3,714</u>	<u>—230</u>

Note.—“ Other Diseases ” include Mumps, Scabies, Sore Eyes, Itch, &c.

BACTERIOLOGICAL EXAMINATIONS.

During the year 738 examinations were made for the medical profession of the sputum and blood of patients for the detection of Diphtheria, Enteric Fever and Phthisis. This number shows a decrease of 183 on the return for 1917, but was 213 less than that for 1916.

The following Table gives the results of the examinations that have been made during the last 20 years.

Diseases.	Total Examinations.	Positive Results.	Negative Results.	Percentage of Positive Results.
Diphtheria ..	5,852	1,833	4,019	31·3
Enteric Fever ..	1,210	523	687	43·2
Phthisis	6,425	1,848	4,577	28·8
Total	13,487	4,204	9,283	31·2

STATE OF VACCINATION IN ISLINGTON.

Of the 5,405 births registered in 1917, the returns of the Vaccination Officers show that only 2,379 infants were successfully vaccinated; while 14 were declared insusceptible to vaccination; 314 died unvaccinated; 1,341 certificates of exemption were produced by parents; and 64 cases were postponed under medical authority, thus leaving 1,293 unaccounted for.

Certificates of Exemption.—The following tabular statement shows that the increase of these certificates, more especially during the past eight years.

1906	...	123	1912	...	1,646
1907	...	259	1913	...	1,942
1908	...	588	1914	...	2,124
1909	...	824	1915	...	1,710
1910	...	1,080	1916	...	1,796
1911	...	1,241	1917	...	1,341

DISINFECTION.

Disinfection of Rooms.—1,037 rooms were disinfected, as contrasted with 1,140 in 1917. For this purpose formaldehyde, either in a gaseous form or in solution, was employed, although it was sometimes augmented by sulphur dioxide, when it was necessary to kill vermin, for which purpose it has been found most effective.

These above figures also include the disinfection of houses and rooms after Phthisis, *vide* p. 19.

The Cleansing and Spraying of Rooms.—1,802 rooms, as contrasted with 1,628 in 1917, were cleansed and sprayed.

				Rooms disinfected.		Rooms sprayed.	
				1918.	1917.	1918.	1917.
1st Quarter	-	-		311	302	404	413
2nd	"	-	-	263	233	403	439
3rd	"	-	-	215	240	387	340
4th	"	-	-	248	365	608	436
The Year				<u>1,037</u>	<u>1,140</u>	<u>1,802</u>	<u>1,628</u>

The following class-rooms, etc., were disinfected after the occurrence in them of cases of the diseases mentioned:—

1st Quarter.	St. Mark's School, Grove Road (Influenza).
2nd Quarter.	Nil.
3rd Quarter.	Nil.
4th Quarter.	Pakeman Street, L.C.C. Schools (Influenza). Private School, 29, Duncan Terrace (Scarlet Fever). Montem Street, L.C.C. Schools (Influenza). Ecclesbourne Road, L.C.C. Schools (Influenza).

Work at the Disinfecting Station.—38,659 large articles of bedding, etc., as detailed below, were disinfected by the steam disinfectors, at the Council's Disinfecting Station, compared with 42,237 similar articles disinfected during the previous year.

In addition to the above articles 182,135 old or second-hand garments, mostly soldiers' overcoats, jackets and tunics were disinfected for clothing contractors trading in the borough, who paid the Council £93 12s. 5d. for the work.

Disinfectants distributed and used.—The following statement gives the quantity of disinfectants distributed by the Sanitary Authority, or used in disinfecting and cleansing rooms:—

How disposed of.	Carbolic Powder.	Disinfecting Fluid.	Formaldehyde.	
			Powder.	Solution.
	Tons. cwt. qrs.	Gallons.	cwt. qr. lbs.	Gallons.
To Householders	0 16 3	184	—	—
Disinfection of Premises..	—	—	0 2 0	24

Cost = £88 14s. 6d.

Shelter House.—The Shelter House was occupied by four persons during the disinfection of their homes after infectious diseases. Baths were given to 9 verminous persons, 13 persons who had been in contact with an infectious disease were also afforded bathing facilities, and their clothing was disinfected.

Verminous School Children.—During the year 4,226 baths were given to children from the London County Council Schools, who attended the Disinfecting Station, and were cleansed by the nurse whom the Borough Council appointed for the work, while their clothing was undergoing disinfection. The daily attendance ranged from 3 to 42.

The agreement entered into between the London County Council and the Borough Council, for the cleansing of verminous children, is a payment of 1s. for each bath; upon the understanding that the minimum amount to be paid to the Borough Council in respect of such cleansing shall be £100 per annum.

The amount paid during the year by the London County Council for the baths given to the children was £211 6s. 0d.

In one case the London County Council instituted legal proceedings under Section 122 of the Children Act, 1908, and the prosecution resulted in a fine of five shillings being inflicted.

Baths given to children from London County Council Schools		Baths given to children from other sources		Total	
Year	No.	Year	No.	Year	No.
1917	4,226	1917	13	1917	4,239
1918	4,226	1918	13	1918	4,239
1919	4,226	1919	13	1919	4,239
1920	4,226	1920	13	1920	4,239
1921	4,226	1921	13	1921	4,239
1922	4,226	1922	13	1922	4,239
1923	4,226	1923	13	1923	4,239
1924	4,226	1924	13	1924	4,239
1925	4,226	1925	13	1925	4,239
1926	4,226	1926	13	1926	4,239
1927	4,226	1927	13	1927	4,239
1928	4,226	1928	13	1928	4,239
1929	4,226	1929	13	1929	4,239
1930	4,226	1930	13	1930	4,239
1931	4,226	1931	13	1931	4,239
1932	4,226	1932	13	1932	4,239
1933	4,226	1933	13	1933	4,239
1934	4,226	1934	13	1934	4,239
1935	4,226	1935	13	1935	4,239
1936	4,226	1936	13	1936	4,239
1937	4,226	1937	13	1937	4,239
1938	4,226	1938	13	1938	4,239
1939	4,226	1939	13	1939	4,239
1940	4,226	1940	13	1940	4,239
1941	4,226	1941	13	1941	4,239
1942	4,226	1942	13	1942	4,239
1943	4,226	1943	13	1943	4,239
1944	4,226	1944	13	1944	4,239
1945	4,226	1945	13	1945	4,239
1946	4,226	1946	13	1946	4,239
1947	4,226	1947	13	1947	4,239
1948	4,226	1948	13	1948	4,239
1949	4,226	1949	13	1949	4,239
1950	4,226	1950	13	1950	4,239
1951	4,226	1951	13	1951	4,239
1952	4,226	1952	13	1952	4,239
1953	4,226	1953	13	1953	4,239
1954	4,226	1954	13	1954	4,239
1955	4,226	1955	13	1955	4,239
1956	4,226	1956	13	1956	4,239
1957	4,226	1957	13	1957	4,239
1958	4,226	1958	13	1958	4,239
1959	4,226	1959	13	1959	4,239
1960	4,226	1960	13	1960	4,239
1961	4,226	1961	13	1961	4,239
1962	4,226	1962	13	1962	4,239
1963	4,226	1963	13	1963	4,239
1964	4,226	1964	13	1964	4,239
1965	4,226	1965	13	1965	4,239
1966	4,226	1966	13	1966	4,239
1967	4,226	1967	13	1967	4,239
1968	4,226	1968	13	1968	4,239
1969	4,226	1969	13	1969	4,239
1970	4,226	1970	13	1970	4,239
1971	4,226	1971	13	1971	4,239
1972	4,226	1972	13	1972	4,239
1973	4,226	1973	13	1973	4,239
1974	4,226	1974	13	1974	4,239
1975	4,226	1975	13	1975	4,239
1976	4,226	1976	13	1976	4,239
1977	4,226	1977	13	1977	4,239
1978	4,226	1978	13	1978	4,239
1979	4,226	1979	13	1979	4,239
1980	4,226	1980	13	1980	4,239
1981	4,226	1981	13	1981	4,239
1982	4,226	1982	13	1982	4,239
1983	4,226	1983	13	1983	4,239
1984	4,226	1984	13	1984	4,239
1985	4,226	1985	13	1985	4,239
1986	4,226	1986	13	1986	4,239
1987	4,226	1987	13	1987	4,239
1988	4,226	1988	13	1988	4,239
1989	4,226	1989	13	1989	4,239
1990	4,226	1990	13	1990	4,239
1991	4,226	1991	13	1991	4,239
1992	4,226	1992	13	1992	4,239
1993	4,226	1993	13	1993	4,239
1994	4,226	1994	13	1994	4,239
1995	4,226	1995	13	1995	4,239
1996	4,226	1996	13	1996	4,239
1997	4,226	1997	13	1997	4,239
1998	4,226	1998	13	1998	4,239
1999	4,226	1999	13	1999	4,239
2000	4,226	2000	13	2000	4,239

FACTORY AND WORKSHOP ADMINISTRATION.

In compliance with the requirement of the Factory and Workshops Act, the Medical Officer of Health, herewith, submits his annual report on the work carried out by the Workshops' Inspectors during the year 1918.

Inspections and Visits.—The inspections and visits made by the Inspectors were as under:—

Factories, including Factory Laundries	...	...	952
Workshops, including Workshop Laundries	...	...	1,486
Workplaces, other than outworkers' homes...	...	...	282
Bakehouses	...	...	714
Restaurant Kitchens	...	...	288
Outworkers' premises	...	...	903
Miscellaneous re-inspections and calls	...	...	4,680
Total			9,305

Notices served.—In consequence of the 1,178 sanitary defects discovered as the result of the above-mentioned inspections, 213 intimations and 27 statutory notices were served. Of these notices 68 were served on the owners of factories, 148 on the owners of workshops, 24 on the owners of other work places. In addition to these nuisances, 99 were discovered on Outworkers' premises, necessitating the service of 46 notices.

Registers.—There were 1,887 workshops on the Register, as contrasted with 1,896 in 1917, while the total number of workrooms was 2,707, as contrasted with 2,624 in the previous year. 106 workshops were added to the Register while 115 were removed from it.

The various workshops and workplaces are tabulated as below:—

Workshops and Workplaces.	1917.		1918.			
	Workshops on Register.	Workrooms on Register.	Number added during Year.	Number removed during Year.	Total number of Workshops on Register.	Total Number of Workrooms on Register.
Workshops where Men are employed	387	488	35	30	392	516
Workshops where Women are employed	858	1,353	52	48	862	1,375
Laundries	67	183	10	8	69	180
Bakehouses	238	248	..	..	238	248
Restaurant Kitchens ...	346	352	9	29	326	388
Total	1,896	2,624	106	115	1,887	2,707
Outworkers' Premises ...	—	1,746	747	217	—	2,276

SECRETARY OF STATE'S RETURNS

on the administration of the Factory and Workshop Act, 1901, in connection with
FACTORIES, WORKSHOPS, WORKPLACES, AND HOMEWORK.

1.—INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES. Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4) -
Factories (Including Factory Laundries)	952	68	Nil
Workshops (Including Workshop Laundries)	1,486	148	..
Workplaces (Other than Outworkers' premises in- cluded in Part 3 of this Report)	1,284	24	
Miscellaneous Re-inspections	4,680	..	..
Total	8,402	240	Nil

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Number of Defects.			Number of Prosecu- tions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	322	298	2	Nil
Want of ventilation	9	9	..	..
Overcrowding	4	4	..	..
Want of drainage of floors	28	20	1	..
Other nuisances	288	244	..	..
Sanitary Accommodation {	insufficient	29	26	6
	unsuitable foul or defective ..	476	402	..
	not separate for sexes ..	11	11	8
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (s. 101) .. .. .	..	..	..	..
Breach of Special sanitary requirements for bake- houses (ss. 97 to 100)	11	11	..	..
Other offences (Excluding offences relating to outwork which are included in Part 3 of this report)	..	..	..	..
Total	1,178	1,025	17	Nil

* Including those specified in sections 2, 3, 7 and 8, of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

NATURE OF WORK.*

OUTWORKERS' LISTS, SECTION 107.

OUTWORKERS IN UNWHOLESOME PREMISES, SECTION 108.

OUTWORKERS IN INFECTED PREMISES (SECS. 109, 110).

NATURE OF WORK.*	Lists received from Employers.						Notices served on Occu- piers as to keeping or sending lists.	Prosecutions.		Instances. Notices served under Public Health (London) Act, 1891.	Prosecutions	Instances.	Orders made (S. 110)	Prosecutions (Sections 109, 110).	
	Sending twice in the year.			Sending once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.						
	Lists.†	Outworkers.†		Lists.	Outworkers.										
		Con- tractors.	Work- men.		Con- tractors.	Work- men.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wearing Apparel—															
a (1) making, &c.	126	35	1,522	15	7	89	115	..	..	115	33	..	14	..	..
(2) cleaning and washing ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Household linen .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lace, lace curtains and nets ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Curtains and furniture hangings ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Furniture and upholstery .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Electro-plate .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
File making .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Brass and brass articles .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fur pulling .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cables and chains .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anchor and grapnels .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cart gear .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Locks, latches and keys .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Umbrellas, &c. .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Artificial Flowers	8	..	119	..	..	..	6	..	..	4	3	..	3	..	..
Nets, other than wire nets .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tents .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sacks .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Racquet and Tennis Balls .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Paper, etc., Boxes, Paper Bags ..	18	..	222	..	..	..	21	..	..	21	6	..	2	..	..
Brush making	4	..	122	..	..	..	2	..	..	2	2	..	..	..	..
Pea picking .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Feather sorting .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Carding, &c., of buttons, &c. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Stuffed toys	2	..	39	..	..	..	3	..	..	2	2	..	..	..	..
Basket making .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chocolates and Sweetmeats .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cosques, Christmas Crackers, Christmas Stockings, &c. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Textile weaving .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Christmas Stockings .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	158	35	2,024	15	7	89	147	Nil	Nil	144	46	Nil	20	Nil	Nil

* When an occupier gives out work of more than one of the classes specified in column 1, and subdivides his list in such a way as to show the number of workers in each class of work, the list is included among those in column 2 (or 5 as the case may be) against the principal class only, but the outworkers are assigned in columns 3 and 4 (or 6 and 7) into their respective classes.

† The figures in columns 2, 3 and 4 are the total number of the lists received from those employers who comply strictly with the statutory duty of sending two lists each year and of the entries of names of outworkers in those lists.

a 4 Umbrellas, 23 Furniture, and 2 Brass are included in lists of Wearing Apparel Makers.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)	Number. (2)
Workshops where men are employed	392
Workshops where women are employed	862
Laundries	69
Bakehouses	238
Restaurant kitchens	326
Total Number of Workshops on Register	1,887

5.—OTHER MATTERS.

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories:—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133, 1901)	24
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5, 1901). {	15
Notified by H.M. Inspector	
Reports (of action taken) sent to H.M. Inspector.	4
Other (New Factories reported under Home Office Memorandum, 1912)	nil
Underground Bakehouses (s. 101) in use at the end of the year.. ..	75

DISTRICT INSPECTORS' WORK.

Owing to the War the District Sanitary Inspectors again worked with five men short, and therefore the sanitary improvements effected in the Borough were less than usual. Each of the fourteen sanitary districts contain in ordinary times on an average 23,000 persons for the Inspector to look after, but during the last few years these were reduced to 10 districts, so that each district contained about 33,000 persons, so that the tally of work necessarily shows a decrease, although, if each Inspector's work be taken and compared with previous years, it will be found in each instance to show an increase. It is much to be regretted that house-to-house inspection had to be abandoned during the war.

Synopsis of the Inspectors' Work.—The following statement gives a brief synopsis of the district inspector's work in 1918 :—

House to house inspections*	106
Other inspections of dwelling houses	4,029
Re-inspections and calls made	29,584
Visits of inquiry <i>re</i> notifiable infectious diseases	1,127
„ „ „ school cases of infectious diseases	1,545
Butchers' shops, stalls, etc. (Saturday nights) ...	78
Ice cream shops and factories	6
Dairies and Milkshops	805
Stables and yards	1,957
Manure dépôts	76
Certificates under the Customs and Inland Revenue Acts	3
Smoke observations	16

**These inspections were almost entirely dropped during the war.*

Notices Served.—There were 1,078 intimation notices served by the inspectors with respect to nuisances, of which 513 were delivered personally, and 565 by post. In 200 instances it became necessary, as the intimations to owners or occupiers of the properties had been ignored, to report the nuisances to the Public Health Committee, who ordered statutory notices to be served.

Verminous Premises—Bedding and Clothing.—13 premises which were found to be in a verminous condition, were cleansed by the owners or occupiers upon receiving the Inspectors' intimations. In 22 instances it was necessary to remove the bedding and clothing to the Disinfecting Station for purification or destruction.

Smoke Nuisances.—Black smoke was observed to be issuing from the chimney of the undermentioned premises, and consequently a notice was served on the owner of the following business requiring the abatement of the nuisance :—

Mayfield Laundry, 93, Gillespie Road.

REMOVAL OF DUST.

Only eleven applications were received during the year for the removal of dust, which is 19 below the number recorded last year.

The return is the lowest hitherto recorded in the Borough.

The applications received for the past ten years were as follows :—

1908	-	64	1913	-	32
1909	-	67	1914	-	26
1910	-	44	1915	-	28
1911	-	52	1916	-	21
1912	-	47	1917	-	30

Dust Receptacles Provided.—During the year 243 dust receptacles were provided, while 6 were repaired after the service of sanitary notices.

INSPECTION AND EXAMINATION OF FOOD AND PLACES WHERE FOOD IS PREPARED.

Food—Inspection of.—Inspector Wilkinson reports that during the year he has paid 889 visits to the 21 **Slaughter Houses** now on the register, and that he has ascertained that 17,871 animals were killed therein, namely:—1,489 oxen and cows, 15,923 sheep and lambs, 51 pigs and 408 horses for human consumption. These were mostly found of good quality and free from disease.

The food destroyed or otherwise disposed of (chiefly for pigs' food) so as to prevent its use for human food was as follows :—

	Tons	cwts.	qrs.	lbs.
Diseased meat and organs from slaughter-houses		15	3	7*
Diseased or unsound meat, etc., from other sources	1	8	3	4
Fish	2	4	0	23
Bread (mouldy)		6	3	14
Cheese		15	3	19
Tinned Milk		0	2	1
Butter and Margarine		0	3	0
Eggs		0	3	3
Rabbits		3	1	19
Vegetables, etc.		0	0	26
Chocolates (mouldy)		0	0	13
Total ...	Tons 5	17	1	17

The total amount of unsound or diseased meat, fish, fruit, and other food destroyed was 5 ton 17 cwts. 1 qr. 17 lbs. The diseases which affected animal food are set out in detail on p. 33.

* Of this quantity 1,310 lbs was Tuberculous,

Shops, etc., Inspection of.—The number of shops, etc., where foodstuffs are sold varies somewhat from time to time, but may be approximated for the year as follows:—

Butchers, provision dealers, etc., 178, meat and rabbit stalls 3, food preparation establishments 16, fish shops 76, fish stalls 5, fruit shops 163, and about 15 fruit stalls and barrows. To these a total of 8,007 visits were made, apportioned as under, viz.:—

Butchers, Provision Dealers, etc., Shops ...	4,544 visits.
Food Preparation Establishments	281 „
Butcher and Provision Stalls,	115 „
Fish Shops	1,081 „
„ Stalls	148 „
Fruit Shops	1,467 „
„ Stalls	371 „
Total	<u>8,007 visits.</u>

Cowhouses.—There are 4 cowhouses, but only three are actually in use in the borough, and these were visited upon 18 occasions. They were generally found to be satisfactory.

Offensive Trades.—The 4 tripe boilers, 2 gut scrapers and the knacker's yard received 69 visits during the year.

List of diseased or unsound meat and organs discovered in slaughter-houses during the year 1918:—

No. of Cases	Description of Animal Affected.	Nature of Disease or Affection.	Extent of Disease.	How disposed of.
1	Heifer ..	Tuberculosis (generalised) ...	Carcase and all organs	N.B.—On the ground of National economy the bulk of the meat and organs found unfit for human food was disposed of to Pig Keepers' for Pigs' food; and in other cases it was destroyed by fire.
4	Cows ..	Tuberculosis (localised) ..	Various organs ..	
6	Oxen ..	do. do. ..	do. ..	
1	Heifer ..	do. do. ..	do. ..	
1	Sheep ..	Parasitic disease with emaciation	Carcase and all organs	
15	Oxen ..	Parasitic disease and secondary causes	Liver	
1	Ox ..	Abscess	do.	
2	Cows ..	Parasitic disease	do.	
163	Sheep ..	do. do.	do.	
5	do. ..	do. do.	Liver and Lung ..	
1	Ox ..	Decomposition	Lungs	
1	Horse ..	Hydatid disease	Liver	

Milkshops and Dairies.—At the close of the year there were 586 milkshops and dairies on the register, 21 having been added, and 21 removed from it.

These premises received 805 visits from the District Sanitary Inspectors, who served notices for the execution of various sanitary improvements and the cleansing of dirty utensils.

THE ADULTERATION OF FOODS AND DRUGS.

During the year 1,124 samples of various foods and drugs were obtained by Inspector Burrell and the District Inspectors and submitted by them to the Public Analysts (Mr. Frank L. Teed, D.Sc., and Mr. E. A. Pinchin, B.Sc.) for examination. One sample of milk was also submitted by a private purchaser. Of these 1,017 were genuine, while 108, or 9·6 per cent., were adulterated. This is 2·2 per cent. higher than the percentage of adulteration in the preceding year, and 0·9 per cent. below the average rate during the last 28 years.

Prosecutions.—79 summonses were issued under the Sale of Food and Drugs Acts, 51 of which were successfully prosecuted. Altogether penalties and costs to the amount of £233 7s. 0d. were obtained.

The Public Analysts, in the quarterly reports during the year, reported on the genuineness of the articles examined as follows:—

	Examined.	Genuine.	Adulterated.	Per cent.
1st Quarter	268	236	32	11·9
2nd „	266	238	28	10·5
3rd „	284	265	19	6·7
4th „	307	278	29	9·4
The Year	1,125	1,017	108.	9·6

Milk.—The qualitative results of the Analyses of the Milk samples, which have now been published for many years, are as follows:—

	No. of Samples.	Solids not Fat.	Fat.	Total solids.
Milk purchased on Sundays ...	136	8·39	3·60	11·99
Milk purchased on week-days ...	377	8·44	3·53	11·97
Milk procured in transit at Finsbury Park Station ...	121	8·61	3·65	12·26
Official Standard ...	—	8·50	3·00	11·50

The particulars as to the genuineness or otherwise of the samples procured or purchased on Sundays, Week-days, and at Finsbury Park Railway Station are as follows:—

	Number taken.	Genuine.	Adul- terated.	Percentage Adulterated
On Sundays	136	116	20	14·7
On Week-days...	377	310	67	17·8
At Railway Stations (Farmers' Milks)	121	111	10	8·3
	<u>634</u>	<u>537</u>	<u>97</u>	<u>15·3</u>

*Giving the particulars of the Milk taken during each quarter of 1918 on Sundays,
Week-days, and at the Railway Stations.*

1918.	No. of Samples Taken.				Genuine.				Adulterated.				Per cent. Adulterated.			
Quarters.	Sundays	Week-days.	Railway Stations.	All Milks.	Sundays.	Week-days.	Railway Stations.	All Milks.	Sundays.	Week-days.	Railway Stations.	All Milks.	Sundays.	Week-days.	Railway Stations.	All Milks.
1st Quarter	31	93	20	144	26	70	18	114	5	23	2	30	16·1	24·7	10·0	20·7
2nd ..	40	117	30	187	34	98	29	161	6	19	1	26	15·0	16·2	3·3	13·9
3rd ..	35	80	30	145	34	70	27	131	1	10	3	14	2·8	12·5	10·0	9·6
4th ..	30	87	41	158	22	76	30	142	8	15	4	27	26·6	17·2	9·7	17·1
The Year ..	136	377	121	634	116	310	111	537	20	67	10	97	14·7	17·8	8·3	15·3

MILK AND CREAM REGULATIONS, 1912.

No samples of Cream were submitted to the Public Analysts under these Regulations, the use of Cream, for the time, being prohibited.

DEFENCE OF THE REALM ACTS, 1914-17.

Two samples of Margarine were submitted under the Regulations, both of which conformed with the Food Control Orders.

Showing the **Samples of Foods and Drugs** submitted to the **Public Analyst** during the year 1918.

Description.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.	Genuine.					Adulterated.				
						1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.
Milk	144	183	149	158	634	114 ^a	157 ^a	135 ^a	131 ^a	537	30 ^a	26 ^a	14 ^a	27 ^a	97
Butter	1	..	19	47	67	..	..	19	47	66	1	..	..	..	1
Lard .. ..	..	..	21	6	27	..	..	21	6	27	..	..	..	..	..
Dripping .. ..	..	..	7	12	19	..	..	7	11	18	..	..	..	1	1
Coffee	12	13	7	12	44	11	13	7	12	43	1	..	..	..	1
Cocoa	12	12	..	16	40	12	12	..	16	40	..	..	..	..	..
Mustard	12	..	..	..	12	12	..	..	..	12	..	..	..	..	..
Pepper	12	..	..	8	20	12	..	..	8	20	..	..	..	..	..
Vinegar .. ..	..	..	1	..	1	..	..	1	..	1	..	..	..	..	..
Malt Vinegar .. ..	..	3	6	12	21	..	3	6	11	20	..	..	..	1	1
Sauce	3	10	..	..	13	3 ^c	10 ^d	..	..	13	..	..	..	..	..
Self-raising Flour	8	11	..	..	19	8	10	..	..	18	..	1	..	..	1
Honey	2	1	..	..	3	2	1	..	..	3	..	..	..	..	..
Pickles	2	..	..	..	2	2 ^d	..	..	..	2	..	..	..	..	..
Ground Ginger	6	..	..	..	6	6	..	..	..	6	..	..	..	..	..
Rice	12	..	12	2	26	12	..	12	2	26	..	..	..	..	..
Arrowroot	6	..	12	..	18	6	..	12	..	18	..	..	..	..	..
Pear Jam	1	..	..	..	1	1 ^e	..	..	..	1	..	..	..	..	..
Peach Conserve	1	..	..	..	1	1 ^e	..	..	..	1	..	..	..	..	..
Marmalade .. ..	..	3	..	..	3	..	3 ^f	..	..	3	..	..	..	..	..
Flour	12	12	..	..	24	12	12	..	..	24	..	..	..	..	..
Baking Powder .. ..	..	..	10	12	22	..	..	9 ^b	12 ^g	21	..	..	1	..	1
Tomato Ketchup	1	..	..	..	1	1 ^c	..	..	..	1	..	..	..	..	..

^a All free from Boric Acid and Formalin.

^c All free from copper.

^f All free from Arsenic and preservatives.

^b All free from Arsenic and calcium sulphate, or below limit recommended by L.G. Board.

^d One sample contained faint trace of copper.

^e Free from Salicylic Acid, Sulphurous Acid and Arsenic.

^g One sample contained trace of Arsenic, but less than limit recommended by L.G. Board.

Samples of Foods and Drugs—continued.

Description.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.	Genuine.					Adulterated.				
						1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.
Olive Oil .. ..	..	2	5	2	9	..	2	5	2	9	..	..	..	..	..
Epsom Salts	16	..	..	..	16	16*	..	..	..	16	..	..	..	..	..
Cream of Tartar .. ..	..	8	..	..	8	..	8	..	..	8	..	..	..	..	..
Tartaric Acid .. ..	..	7	..	..	7	..	7	..	..	7	..	..	..	..	..
Ammon. Tinct. Quinine .. ..	..	..	5	5	10	..	..	5	5	10	..	..	..	..	..
Boric Acid Ointment .. ..	..	..	5	..	5	..	..	5	..	5	..	..	..	..	..
Camphorated Oil .. ..	..	..	5	..	5	..	..	1	..	1	..	..	4	..	4
Comp. Liquorice Powder .. ..	..	..	..	2	2	..	..	..	2	2	..	..	..	..	..
	263	265	264	294	1,086	231	238	245	265	979	32	27	19	29	107
MARGARINE ACT.															
Margarine	5	1	20	13	39	5	..	20	13	38	..	1	..	..	1
Totals	268	266	284	307	1,125	236	238	265	278	1,017	32	28	19	29	108

*All samples were either free from lead and arsenic or came within the limits prescribed by the British Pharmacopœia.

SUMMARY OF PROSECUTIONS.—During year 1918.

	Total Prosecutions.	Successful.	Dismissed.	Withdrawn.	Amount Penalties Received.
"Public Health (London) Act, 1891" ...	11	10	...	1†	£ s. d. 43 19 0
"Sale of Food and Drugs Acts, 1875-99"	78	50	18*	10 { † ‡ ||	228 7 0
"Margarine Act, 1887"	1	1	...	...	5 0 0
TOTAL	90	61	18	11	277 6 0

* Warranty established in six summonses.

† These were alternative summonses.

‡ 3 Defendants died before summonses were heard.

|| One summons not served.

TABLE A.

Showing the Deaths from All Causes in Islington during the Year 1918.

Deaths of Non-Residents in Hospitals are excluded. Deaths of Residents in Public Institutions are distributed.

DISEASES.	AGES.															Under 5		Over 5		DISTRICTS.								Males.	Females.	Totals.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85-	Tuf.	U.H.	Toll.	L.H.	H.	B.	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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* Cerebro-Spinal Fever (6).

TABLE A.—Continued.

Deaths in Institutions within Borough.	DISEASES.	AGES.														Under 5.	Over 5.	DISTRICTS.								Males.	Females.	Totals.
		0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85-	Tnf.			U.H.	Toll.	L.H.	H.	B.	S.E.					
1	Dentition	2	4	..	..	..	..	..	..	..	..	..	..	6	1	..	1	1	..	..	2	2	6	1	1
	Rickets	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
	Old Age, Senile Decay .....	..	..	..	..	..	..	..	..	6	71	190	107	1	374	28	68	34	46	63	53	82	139	257	496
	Convulsions	11	5	1	1	..	..	..	..	..	..	..	..	16	1	..	3	..	3	3	5	8	7	10	17
	Meningitis	3	6	1	1	1	..	..	3	1	1	3	..	9	8	2	3	5	1	1	4	3	2	4	9	
	Encephalitis	1	1	..	..	..	..	..	3	1	..	..	..	2	4	1	1	1	..	..	3	2	2	4	6
	Apoplexy .....	..	..	..	..	..	1	4	19	33	45	27	4	..	133	12	18	12	15	36	17	23	54	79	133
	Softening of Brain	1	1	2	1	4	1	1	..	11	5	2	1	3	3	4	7	14		
	Hemiplegia	2	2	1	2	7	1	1	2	..	1	1	1	1	1	4	4		
	General Paralysis of the Insane	5	7	6	4	22	3	5	3	1	5	4	7	11	22	33	55		
	Other forms of Insanity	2	..	2	..	2	1	4	9	9	11	2	38	3	7	2	3	7	11	22	33	55	88		
	Chorea	2	2	1	1	6	..	1	1	1	1	1	2	1	2	1	3		
	Cerebral Tumour	1	1	3	3	2	1	1	7	2	..	1	3	2	4	7	18	25	43		
	Epilepsy	2	3	3	1	5	3	5	5	27	1	7	4	4	..	4	7	18	25	43	76		
Laryngismus Stridulus .....	..	..	..	..	..	..	2	2	3	..	..	..	..	7	1	2	..	..	1	1	2	6	1	1	1
Locomotor Ataxy .....	..	..	..	..	..	1	6	4	7	3	1	..	..	22	4	2	3	..	6	3	4	12	10	4	10
Paraplegia .....	..	..	..	..	..	1	1	1	..	2	1	..	..	7	1	1	1	1	3	1	1	3	3	7	13
Other forms, Brain Diseases	1	1	1	2	..	2	..	2	..	1	..	..	..	2	8	..	1	1	2	1	4	1	3	3	7
Otitis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Disease of Nose, Epistaxis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Disease of Eye .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pericarditis .....	..	..	1	1	..	..	..	1	1	..	1	..	..	4	..	..	1	1	..	..	2	3	1	1	1
Endocarditis .....	..	..	1	..	3	3	1	..	1	..	1	..	..	10	1	..	..	2	1	1	5	2	2	8	13
Hypertrophy of Heart .....	..	..	..	..	..	..	..	..	2	3	1	..	..	6	1	1	2	..	1	1	..	5	1	1	1
Angina Pectoris .....	..	..	..	..	..	..	..	8	6	2	1	..	..	17	3	..	3	1	3	3	4	15	2	2	2
Aneurism .....	..	..	..	..	..	..	..	2	2	2	1	..	..	7	..	1	..	2	1	..	3	3	3	3	3
Senile Gangrene .....	..	..	..	..	..	1	2	5	10	13	13	..	..	44	3	4	3	5	11	5	13	21	23	23	23
Embolism, Thrombosis .....	..	..	..	..	..	..	..	..	2	..	..	..	..	2	..	1	..	..	1	..	..	2	2	2	2
Phlebitis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Varicose Veins .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases, Heart and Vessels .....	..	4	5	9	6	11	28	33	78	120	194	102	11	4	597	55	72	54	71	105	100	144	311	330	641		
Laryngitis	1	1	1	..	..	..	..	..	..	..	..	..	..	2	1	1	1	..	..	1	..	3	..	3	..
Croup .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases, Larynx and Trachea .....	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..
Acute Bronchitis	28	15	2	2	1	1	4	2	13	17	29	23	7	43	101	22	16	14	19	25	17	31	55	89	144			
Chronic Bronchitis	2	3	1	1	..	5	9	44	55	105	74	7	7	5	301	20	28	21	31	46	84	76	175	131	306			
Lobar Pneumonia	3	8	2	..	3	6	14	12	16	11	18	3	..	11	85	10	14	13	9	20	14	16	55	41	96			
Lobular Pneumonia	64	136	13	7	3	7	9	8	16	15	8	2	4	200	92	21	27	40	52	37	62	53	147	145	292			
Pneumonia	20	46	13	6	11	10	36	20	37	23	24	13	2	66	195	26	33	28	28	32	38	76	119	145	264			
Empysema, Asthma .....	..	..	1	..	1	..	3	3	7	4	2	..	..	22	3	4	2	1	6	3	3	9	9	13	25
Pleurisy .....	..	2	1	1	2	..	1	..	5	2	5	..	..	2	17	..	2	..	5	5	1	7	11	8	19
Other Diseases, Respiratory System .....	..	..	..	..	..	2	2	4	4	..	..	..	..	12	..	3	1	1	2	..	3	8	..	..	..
Diseases of Mouth and Annexa .....	..	2	1	..	1	..	1	..	1	..	..	..	..	2	4	1	2	..	3	..	..	3	3	3	3
Diseases of Pharynx .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	..	..
Diseases of Oesophagus .....	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ulcer of Stomach and Duodenum	1	..	..	..	1	4	3	7	8	5	2	..	..	1	30	3	1	3	3	6	8	7	17	14	31
Other Diseases of Stomach	9	2	..	1	..	1	3	4	3	5	..	..	..	11	17	4	3	1	7	2	6	5	16	12	28
Enteritis	34	11	..	2	..	2	1	2	2	3	2	2	..	45	16	4	5	11	7	12	11	11	4	6	9			
Appendicitis .....	..	2	5	2	1	1	2	2	..	..	..	..	..	15	1	3	3	3	1	..	..	..	..	..	..
Obstruction of Intestine	7	1	3	1	..	1	1	2	4	12	7	9	..	8	40	7	4	6	9	10	4	8	16	30	46			
Other Diseases of Intestine .....	..	..	..	..	..	..	..	1	3	7	6	..	1	..	2	..	..	..	1	..	..	..	..	..	..
Cirrhosis of Liver .....	..	..	..	..	..	1	1	4	6	4	1	..	..	18	2	4	1	3	1	5	2	12	6	10	18
Other Diseases of Liver .....	..	..	..	..	..	1	1	4	6	4	1	..	..	17	1	1	1	2	6	3	5	7	10	4	18
Peritonitis	1	1	..	1	..	1	2	..	1	1	..	..	..	2	6	3	..	1	1	2	1	..	4	4	8
Other Diseases, Digestive System	2	..	..	..	..	..	..	2	..	..	..	..	..	2	2	..	1	2	1	..	..	..	..	..	..
Diseases, Lymphatic System and Glands .....	..	..	1	..	..	..	1	1	..	..	..	..	..	..	..	..	2	..	..	1	..	1	2	..	..	
Acute Nephritis .....	..	2	..	..	1	1	1	4	1	..	..	..	..	2	9	1	3	..	1	1	5	8	3	3	3
Bright's Disease .....	..	1	1	..	1	2	8	12	18	25	16	10	..	1	93	10	7	9	17	17	14	20	40	54	74		
Calculus .....	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Diseases of Bladder and Prostate .....	..	..	..	..	..	..	..	2	5	8	8	1	..	24	4	2	3	3	8	2	2	18</			

TABLE A.—Continued.

DISEASES.	AGES.														Under 5.	Over 5.	DISTRICTS.								Males.	Females.	Totals
	0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75	85	Tuf.			U.H.	Toll.	L.H.	H.	B.	S.E.					
Puerperal Thrombosis		
Other Diseases, Pregnancy and Childbirth	1	..	2	..	1	..	1	3	1	..	1	1	2	..	3	3	3		
Arthritis, Ostitis, Periostitis .....	..	..	1	..	1	..	1	2	..	1	1	..	..	6	..	2	..	1	1	2	1	3	3	6
Other Diseases, Osseous System .....	..	..	..	..	..	..	..	..	..	1	..	1	..	2	..	..	1	1	..	..	..	2	2	2
Ulcer, Bedsore .....	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	1	1	1
Eczema .....	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..
Pemphigus .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases, Integumentary System	1	..	..	..	..	..	..	..	..	..	1	1	..	1	2	1	..	..	1	1	..	1	2	3
Accidents and Negligence.																											
In Mines and Quarries	1	2	1	2	..	3	2	3	7	4	3	..	1	27	2	1	4	4	4	5	8	17	11	28		
In Vehicular Traffic .....	..	..	..	..	..	..	1	2	..	1	..	..	..	4	1	..	..	2	..	1	..	4	..	4
On Railways .....	..	..	..	..	..	..	..	1	2	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..
On Ships, Boats, etc. (not drowning) .....	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	1	..	1
In Building Operations .....	..	..	..	..	..	..	1	..	1	..	..	..	..	2	..	..	1	1	..	..	2	..	2	2
By Machinery .....	..	..	..	1	1	..	..	1	..	..	..	..	..	2	..	..	..	2	..	..	..	1	..	1
By Weapons and Implements .....	..	..	..	..	..	..	1	..	1	..	2	..	1	1	1	1	1	2	5	5	8	9	17	17
Burns and Scalds .....	..	8	2	2	..	..	1	1	1	..	1	..	1	8	9	2	1	1	1	1	2	1	2	3
Poisons, Poisonous Vapours .....	..	1	..	..	..	..	..	..	..	1	1	..	..	1	2	..	..	..	..	..	2	1	2	3
Surgical Narcosis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Effects of Electric Shock .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Corrosions by Chemicals .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	3	3	11	..	11
Drowning .....	..	..	2	..	1	1	3	2	1	..	1	..	..	11	1	..	2	1	1	3	3	11	..	11
Suffocation, Overlaid in Bed	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	1	..	..	..	..	2	2
Otherwise	5	1	..	..	..	..	1	..	..	..	..	..	..	6	1	..	2	1	1	..	3	3	4	7
Falls not specified	1	1	1	..	1	1	..	1	5	11	9	3	2	32	4	4	1	4	2	14	5	10	24	34			
Weather Agencies .....	..	..	..	..	..	..	..	1	..	..	1	..	..	1	2	..	..	..	1	..	2	2	1	3
Otherwise, not stated	1	..	..	..	..	..	1	..	..	..	1	..	..	1	2	..	..	..	1	..	2	2	1	3
Homicide	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	3	1	2	3	3
Suicide.																											
By Poison .....	..	..	..	..	..	1	..	1	..	..	..	..	..	2	1	..	..	1	..	..	1	1	1	2
By Asphyxia .....	..	..	..	..	..	..	1	3	2	..	..	..	..	6	1	1	..	2	1	1	4	2	6	6
By Hanging and Strangulation .....	..	..	..	..	..	..	1	1	1	..	..	..	..	4	1	..	..	..	..	3	..	4	4	4
By Drowning .....	..	..	1	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
By Shooting .....	..	..	..	..	..	1	2	3	2	1	2	1	..	12	1	4	1	3	..	1	2	9	3	12
By Cut or Stab .....	..	..	..	..	..	1	2	3	2	1	2	1	..	..	..	..	..	..	1	..	..	..	..	..
By Precipitation from Elevated Places .....	..	..	..	..	..	..	..	1	1	..	..	..	..	1	..	1	..	1	..	..	1	..	1	1
By Crushing .....	..	..	..	..	..	..	1	1	..	..	..	..	..	2	..	1	..	..	..	..	1	2	..	2
By other and unspecified methods .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Execution .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sudden Death, cause not ascertained .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ill-defined and unspecified causes .....	..	..	..	..	..	..	3	2	1	2	2	1	..	11	..	1	..	..	..	2	8	6	5	11
By Bombs (enemy aircraft) .....	..	..	..	..	..	..	3	2	1	2	2	1	..	..	..	1	..	..	..	..	..	..	..	..
Males	325	308	75	46	78	70	230	213	353	382	449	266	40	633	2202	269	343	273	371	413	483	683	2835		
Females	246	328	95	65	88	123	322	221	295	331	420	347	125	574	2432	279	354	311	371	512	491	688	3006		
TOTAL DEATHS	571	636	170	111	166	193	552	434	648	713	869	613	165	1207	4634	548	697	584	742	925	974	1371	2335	3006	5841		

LOCAL GOVERNMENT BOARD RETURN.—TABLE IV.

Metropolitan Borough of Islington.

INFANTILE MORTALITY DURING THE CALENDAR YEAR 1918.

Nett Deaths from stated Causes at Various Ages under One Year of Age.

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under four Weeks.	4 Weeks and under 3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year.
All Causes.	Certified	..	..	122	31	19	14	186	86	112	77	103	564
	Uncertified	..	..	..	..	..	..	..	..	..	..	..	..
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	2	4	7	11	24
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	..	..	..	4	6	9	18	37
Diphtheria and Croup	..	..	..	..	..	..	..	..	..	..	1	1	2
Erysipelas	..	..	..	..	..	..	..	..	..	..	1	..	1
Tuberculous Meningitis	..	..	..	1	..	..	..	1	1	3	3	6	14
Abdominal Tuberculosis	..	..	..	..	..	..	..	..	..	2	..	..	2
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	1	1	2
Meningitis (not Tuberculous)	..	..	..	..	..	..	..	..	1	1	..	1	3
Convulsions	..	..	..	3	..	..	1	4	2	1	2	2	11
Laryngitis	..	..	..	..	..	..	..	..	..	1	..	..	1
Bronchitis	..	..	..	..	..	..	..	..	11	5	7	10	33
Pneumonia (all forms)	..	..	..	2	1	2	2	7	13	18	17	31	86
Diarrhoea	..	..	..	..	1	..	..	1	2	8	4	2	17
Enteritis	..	..	..	..	..	1	1	2	9	13	3	8	35
Gastritis	..	..	..	..	..	..	..	..	1	1	3	1	6
Syphilis	..	..	..	1	1	1	..	3	4	1	1	1	10
Rickets	..	..	..	..	..	..	..	..	..	..	..	1	1
Suffocation, overlying	..	..	..	..	1	1	..	2	..	1	..	..	3
Injury at Birth	..	..	..	3	2	..	..	5	..	..	..	..	5
Atelectasis	..	..	..	8	..	1	..	9	1	..	..	..	10
Congenital Malformations	..	..	..	12	5	1	2	20	2	2	1	1	26
Premature Birth	..	..	..	70	9	6	5	90	11	1	1	..	103
Atrophy, Debility and Marasmus	..	..	..	14	9	5	3	31	17	30	7	3	88
Other Causes	..	..	..	8	2	1	..	11	5	14	9	5	44
Totals				122	31	19	14	186	86	112	77	103	564
Nett Births in the year	{	legitimate ..	4,958	Nett Deaths in the year of				{	legitimate infants ..	515			
		illegitimate ..	239						illegitimate infants ..	49			

LONDON COUNTY COUNCIL RETURN.

Borough of Islington.

PROCEEDINGS DURING 1918.

PREMISES.	NUMBER OF PLACES—				Number of inspections, 1918.	Number of Notices, 1918.	Number of Prosecutions 1918.
	On Register at end of 1917.	Added in 1918	Removed in 1918.	On Register at end of 1918.			
Milk premises	586	21	21	586	805	Nil	Nil
Cowsheds	4	Nil	Nil	4	18	"	"
Slaughter-houses	21	Nil	Nil	21	889	"	2
Other offensive trade premises	7	Nil	Nil	7	69	"	Nil
Ice cream premises	235	...	...	235	6	"	"
Registered houses let in lodgings ... ..	† ...	...	...	...	* ...	* ...	"

* Included in District Inspectors' Summary.

† No Register now kept under existing By-Laws.

Total number of intimation notices served for all purposes ... 997

Overcrowding, 1918.

Number of dwelling rooms overcrowded	8
Number remedied	8
Number of prosecutions	Nil

Underground rooms—

Illegal occupation dealt with during year	1
Number of rooms closed	1
Number of prosecutions	Nil

Insanitary houses—

Number closed under the Public Health (London) Act, 1891 ...	Nil
Number closed under the Housing of the Working Classes Acts...	Nil
Number of premises cleansed under Sec. 20 of the L.C.C. (General Powers) Act, 1904	13

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

Number of persons accommodated during the year	4
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Revenue Acts—

Number of houses for which applications were received during year			5
Number of tenements comprised therein	...	...	19
Number of tenements for which certificates were (a) granted	...		4
	(b) refused	...	15
	(c) deferred	...	Nil

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

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

Number of prosecutions under L.C.C. General Powers Act, 1907—

(l) With respect to Water Supply to Tenement Houses	...		Nil
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Mortuaries—

Total number of bodies removed	476
Total number of infectious bodies removed	2

