

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

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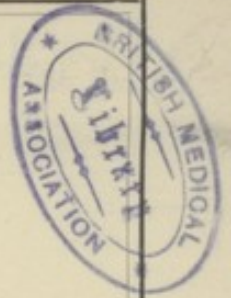
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1921.



SIXTY-SIXTH
ANNUAL REPORT

ON THE

HEALTH & SANITARY CONDITION

OF THE

METROPOLITAN

Borough of Epsington.

G. CLARK TROTTER, M.D., D.P.H., F.R.S.E.

President, Incorporated Sanitary Association of Scotland,
Fellow of the Royal Society of Medicine, &c., &c.

MEDICAL OFFICER OF HEALTH.

LONDON :

WILKINSON BROS., LTD., 37-43, Green Lanes, Stoke Newington, N.16.

MEMBERS OF THE PUBLIC HEALTH COMMITTEE.

(November, 1921, to November, 1922.)

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FREDERICK MONTAGUE

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1. EDWARD JAMES BROWN
2. FREDK. WM. SEPTIMUS TAYLOR
2. FREDK. JOSEPH SHIRLEY
2. PEYTON HAMILTON BLACK
3. WILLIAM SAMPSON CLUSE
3. WILLIAM JOHN EVERETT
4. SARAH TRAFFORD

Ward

5. MIRIAM PRICE
6. ABRAHAM LEVISON
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11. ERNEST HENRY KING

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(November, 1921, to November, 1922.)

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Medical Officer of Health.

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FRANK LITHERLAND TEED, D.Sc. (Lond.), F.I.C., F.C.S.

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ARTHUR MELLOR BRAMALL

Superintendent of Public Health Department and Chief Sanitary Inspector.

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Inspector of Meat.

HARGREAVES WILKINSON

Inspector appointed under the Sale of Food and Drugs Acts.

GILBERT STANLEY GREEN

Inspector of Workshops and Bakehouses.

HARRY JOHN JAMES WATSON

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MRS. SUSANNAH UNDERY

Inspectors of Houses let in Lodgings.

EGMONT JOSEPH NETHER

FRANK HENRY CHUTER

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2. HARRY JAMES BICKNELL
3. ALLEN BAGSHAW
4. GEORGE JAMES BRIDEL
5. WILLIAM HOLSGROVE FLOOD
6. CHARLES EDWIN HORSMAN
7. EDWARD ISAAC FORTUNE

District

8. JOHN METCALF
9. THOMAS HENRY HANCOCK
10. STANLEY PELTON MARKS
11. ALFRED ERNEST WOOD
12. EDWARD GEORGE HOLMES
13. THOMAS WALLACE AGAR
14. HARRY CALLOW

Temporary Sanitary Inspectors.

HAROLD HERBERT UREN

JAMES ARCHIBALD BINNS

Rat Officer (Temporary).

ALBERT BUTLIN

Health Visitors.

District

1. Mrs. FRANCES LOOKER
2. Miss MONA CARR
3. Miss ROSINA PALMER
4. Miss LILY FLOWER

District

5. Miss EDITH FOOT
6. Miss ANNIE TAYLOR
7. Miss EVELYN W. E. JORDAN
8. Miss BARBARA DE ROCHFORT } (Temp.)

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CHARLES JOSEPH CRIDLAND
DAISY FRANCIS

Engineer in charge of Steam Disinfectors.

ALFRED LEWIS

Stoker at Disinfecting Station.

CLARENCE SADGROVE

Caretaker of Shelter House.

MRS. LEWIS

Attendant in Charge of Cleansing Station.

MRS. HORNE

Mortuary Keeper.

SAMUEL MAXWELL

Distributor of Disinfectants.

JOHN REDDY

Disinfectors.

WILLIAM HARDWICK AND WILLIAM WOODLEY

SUMMARY

of Vital Statistics, 1921.

Population (Enumerated at Census, 1921)	...	...	...	...	330,028 persons
" Estimated Mid Year 1921	...	...	...	...	333,000 persons
Increase on Census population, 1911...	...	...	...	...	2,625 persons
Mean Population, ten years (1911-1920)	...	...	...	...	317,204 persons
Area	...	...	...	...	3,092 acres
Density ...	...	...	...	...	108 persons per acre
Marriages	...	...	...	...	3,141
Persons married...	...	...	...	...	6,282
Persons married rate	...	...	...	...	18.86 per 1,000 inhabitants
Births	...	...	...	...	Males 4,068 Females 3,818 } Persons 7,886
Birth rate	...	...	...	...	23.68 per 1,000 inhabitants
Deaths from All Causes ...	...	...	...	...	Males 2,212 Females 2,156 } Persons 4,368
Death rate	...	...	...	...	13.12 per 1,000 inhabitants
Deaths from Principal Epidemic Diseases	...	...	...	...	Males 156 Females 129 } 285 persons
Death rate	...	...	...	...	0.86 per 1,000 inhabitants
Infantile deaths under 1 year	...	...	...	...	Males 362 Females 279 } Total 641
Infantile mortality rate	...	...	...	...	81 per 1,000 births
Excess of Births over Deaths	...	...	...	...	3,520

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PUBLIC HEALTH DEPARTMENT,

20, Compton Terrace,

Upper Street, N.1.

June, 1922.

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

I have the honour to submit the Annual Report on the Health and Sanitary Condition of the Borough for the year 1921. Included are the statistical tables as prescribed by the Ministry of Health.

It will be noted that the year was marked by the epidemic prevalence of Scarlet Fever and Diphtheria, but these diseases were mainly of a mild type, and notwithstanding it is gratifying to record that this year the death-rate (13.12) is the lowest rate hitherto recorded in Islington, being 0.20 per 1,000 below the rate of the previous year.

As regards infantile mortality, although the rate (81 per 1,000 births) was higher than that of the previous year (when the rate was but 72, the lowest on record) it is creditable to the Infant Welfare work of the Borough notwithstanding, as the conditions, infectious disease, etc., which prevailed were not so favourable.

Very shortly after I had taken up my duties in October, Mr. James R. Leggatt, the Superintendent and Chief Sanitary Inspector of the department, from whom I received much assistance, was incapacitated through illness, to which he succumbed on the last day of the year. His service of over 31 years with the Council and Vestry has left its mark on the public health work of the Borough, and outside his official sphere.

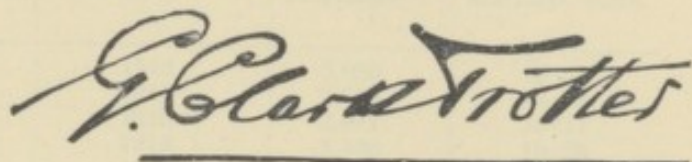
I have to express my indebtedness to the Public Health and Maternity and Child Welfare Committees for the great interest taken and the assistance they have given me.

To the other departments and to the members of my staff I am indebted for much help in the exceptional and sad circumstances which I have recorded.

I am,

Ladies and Gentlemen,

Your obedient Servant,



Medical Officer of Health.

REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1921.

POPULATION.

The Census enumeration of the population of the Borough took place on the 19th June, 1921, and numbered, according to the preliminary returns, 330,028 persons; 154,498 being males, and 175,530 females.

There were, therefore, 1·14 females to every male.

The recent Census, however, only shows an increase of 2,625, corresponding to an intercensal* rate of increase of 0·80 per cent., or a decennial rate of increase of 0·78 per cent.

The following are the figures relating to Islington that were ascertained at the several Census periods from 1801 to 1921.

Census Years.	Enumerated Population	Actual Decennial Increase or Decrease.	Percentage Increase + or Decrease —
1801	10,212	—	—
1811	15,065	+ 4,853	+39·7
1821	22,417	+ 7,352	+40·5
1831	37,316	+14,899	+66·4
1841	55,776	+18,460	+49·4
1851	95,329	+39,553	+70·7
1861	155,341	+60,012	+63·1
1871	213,749	+58,408	+37·1
1881	282,865	+69,116	+32·3
1891	319,155	+36,290	+12·8
1901	334,991	+15,836	+ 4·9
1911	327,403	— 7,588	— 2·2
1921	330,028	+ 2,625	+ 0·8

* NOTE.—The intercensal period 1911-1921, being approximately 10 years 2½ months. Fuller information regarding the Wards and Sub-Registration Districts are not yet available.

The estimated population of the Borough to the middle of the year 1921, has been given by the Registrar-General as 333,000; and the calculations contained in this report relating to the year 1921, are based upon these figures.

DENSITY OF POPULATION.

The area of the Borough is 3,092 acres, but the actual area on which the people live is approximately 2,800 acres, consequently there are 119 persons living on each acre, while if the gross acreage be taken the number will be 108.

The density of the population in Islington is very high when compared with that of the administrative County of London, which is 60 persons per acre.

MARRIAGES.

Marriages, 3,141; Marriage Rate, 18·86.—The number of persons married was 6,282, as contrasted with 6,740 in the preceding year, which is a decrease of 458. The marriage rate was 18·86 per thousand inhabitants, as compared with 20·05 in 1920.

The following statement shows the figures for the previous ten years 1911-20.

Years.	Marriages.	Marriage Rate.	Years.	Marriages.	Marriage Rate.
1911	2,843	17·37	1916	3,080	18·30
1912	3,091	18·94	1917	2,689	16·23
1913	2,984	17·98	1918	2,971	18·51
1914	3,188	19·63	1919	3,306	19·28
1915	4,252	26·12	1920	3,370	20·05

BIRTHS.

There were 7,886 births registered, of which 4,068 were boys, and 3,818 girls. Of this number, however, 834 were born of mothers living in Islington, although they were confined in Lying-in Institutions, and in other homes situated outside the Borough. The annual birth rate was equal to 23·68 per 1,000 of the population, as compared with a mean birth rate of 22·58 in the preceding ten years.

Showing the Births (distinguishing Males and Females) and Birth-rates of Islington in 1921, and in the four quarters of the year and of the County of London and the Great Towns during the same period; also in the year 1920; together with the mean Borough Birth-rates for the 10 years 1911-1920.

Quarter.	Males.	Females.	Total.	BIRTH RATES.			
				Islington, 1921.	Islington, 1911-20.	London, 1921.	96 Great Towns, 1921.
First	1,019	983	2,002	24·05	23·43	23·1	23·8
Second	1,056	957	2,013	24·18	22·87	23·3	24·7
Third	1,031	979	2,010	24·14	21·84	22·5	23·4
Fourth	962	899	1,861	22·35	22·15	21·5	22·0
The Year 1921	4,068	3,818	*7,886	23·68	22·58	22·3	23·3
1920	4,778	4,626	9,404	27·97	23·68	26·5	26·2
Increase or decrease	— 710	— 808	— 1,518	— 4·29	+ 1·10	— 4·2	— 2·9

* These include 834 births which occurred in Lying-in Institutions, etc., outside the Borough.

Showing the Births of Males and Females in each quarter and for the year, 1921 and in the several Sub-Registration Districts.

	Tufnell.			Upper Holloway.			Tollington.			Lower Holloway.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1st Quarter	113	127	240	107	96	203	78	94	172	136	133	269
2nd "	129	131	260	98	105	203	88	88	176	135	123	258
3rd "	122	109	231	97	92	189	95	83	178	143	139	282
4th "	96	94	190	100	53	190	114	91	205	115	115	230
YEAR ...	460	461	921	402	383	785	375	356	731	529	510	1,039

	Highbury.			Barnsbury.			Islington South-East.			The Borough.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1st Quarter	154	153	307	181	159	340	250	221	471	1,019	983	2,002
2nd "	145	138	283	202	176	378	259	196	455	1,056	957	2,013
3rd "	191	142	333	179	186	365	204	228	432	1,031	979	2,010
4th "	136	117	253	168	178	346	233	214	447	962	899	1,861
YEAR ...	626	550	1,176	730	699	1,429	946	859	1,805	4,068	3,818	7,886

Illegitimate Births (205)—The number of illegitimate births, 205, shows a decrease of 51 on the return of the year 1920. They were equal to a rate of 2·60 per 1,000 registered births.

The number of illegitimate births in the Borough since 1851 is shown in the following statement :

Periods (10 years),	Illegitimate Births.	Total Births.	Illegitimate Births per 100 Registered Births.
1851-60	1,335	41,915	3·18
1861-70	2,651	67,520	3·92
1871-80	3,429	89,627	3·82
1881-90	3,475	97,420	3·57
1891-1900	2,719	97,278	2·79
1901-10	2,413	87,361	2·76
1911-20	2,719	74,375	3·66

Notification of Births Act, 1907.—6,467 births were notified or 82 per cent. of the total number that was registered during the year. They were notified by doctors, midwives, parents and guardians as follows :

Notified by	Still Births.	Live Births.	Total.
Doctors	27	504	531
Certificated Midwives	89	3,405	3,494
Parents and other persons	51	2,391	2,442
	<u>167</u>	<u>6,300</u>	<u>6,467</u>

DEATHS.

The deaths numbered 4,368, while the death-rate was equal to 13·12 per 1,000 of the population, or 0·20 lower than that of the preceding year (13·32), and was 2·44 less than the average of the previous 10 years.

The death-rate of 13·12 per 1,000 of the population was the lowest rate hitherto recorded in the Borough.

The death-rates for each year in Islington since 1841, are given in Table D in the Appendix.

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

Sub-Districts.	QUARTERS.				The Year.
	1	2	3	4	
Tufnell	146	94	86	111	437
Upper Holloway	152	106	105	129	492
Tollington	101	83	87	106	377
Lower Holloway	140	118	107	159	524
Highbury	204	141	141	228	714
Barnsbury	205	150	168	192	715
Islington (South-East)	304	252	214	339	1,109
THE BOROUGH	1,252	944	908	1,264	4,368

Showing the **Deaths and Death Rates of Islington in 1921**, and in the four quarters of the year, and of the County of London and the Great Towns during the same period, the mean Borough Death Rates for the 10 years 1911-20, and the deaths and death-rates in the year 1920.

Quarter.	Males.	Females.	Total.	DEATH RATES.			
				Islington, 1921.	Islington, 1911-20.	London, 1921.	96 Great Towns, 1921.
First	631	621	1,252	15.04	18.89	13.4	13.9
Second	490	454	944	11.34	14.17	10.9	11.3
Third	469	439	908	10.90	12.29	10.5	10.4
Fourth	622	642	1,264	15.18	16.90	14.3	13.3
The Year 1921...	2,212	2,156	4,368	13.12	15.55	12.4	12.3
1920	2,292	2,183	4,475	13.32	13.12	12.4	12.5
Increase or Decrease	— 80	— 27	— 107	— 0.20	— 2.44	—	— 0.2

Causes of Death (Classified)—The following table shows the deaths arranged in classes of Disease from All Causes during the ten years 1911-20, and in 1921.

Classified Causes of Death.	Years.										Mean 10 Yrs.	1921	Difference.
	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920			
I. SPECIFIC OR FEBRILE CAUSES.	722	397	448	572	618	380	391	1361	579	552	602	464	— 138
1. Miasmatic Diseases ...	330	300	284	299	451	268	293	1258	466	437	439	301	— 138
2. Diarrhoeal " ...	326	36	99	174	94	56	56	51	36	28	96	85	— 11
3. Malarial " ...	—	1	—	1	—	—	—	2	2	2	1	—	— 1
4. Zoogenous " ...	1	—	4	2	—	3	2	—	1	2	1	1	—
5. Venereal " ...	13	17	19	21	23	15	15	15	13	13	16	17	+ 1
6. Septic " ...	52	43	42	75	50	38	25	35	61	70	49	60	+ 11
II. PARASITIC DISEASES ...	2	—	1	—	—	1	1	—	1	1	1	—	— 1
III. DIETETIC	18	19	17	11	36	3	3	4	2	2	11	4	— 7
IV. CONSTITUTIONAL DISEASES ...	957	1023	1032	1056	1132	1095	1114	1101	973	918	1040	985	— 55
V. DEVELOPMENTAL ...	429	396	468	512	554	522	486	520	657	556	510	486	— 24
VI. LOCAL ...	2401	2500	2718	2488	2847	2457	2344	2596	2177	2172	2470	2203	— 267
1. Diseases of Nervous System	277	260	376	363	418	339	351	330	322	341	338	345	+ 7
2. " Organs of Special Sense ...	16	4	20	14	17	12	14	10	11	20	14	13	— 1
3. " Circulatory System.	642	754	733	660	722	669	681	691	654	592	680	651	— 29
4. " Respiratory " ...	858	980	958	896	1147	1006	887	1156	770	822	948	717	— 231
5. " Digestive " ...	342	290	362	304	319	233	243	246	215	224	278	260	— 18
6. " Lymphatic " ...	10	6	10	15	9	16	9	3	11	10	10	14	+ 4
7. " Urinary " ...	220	166	213	193	182	149	130	137	151	129	167	168	+ 1
8. " Reproductive " ...	12	25	26	18	13	24	18	8	17	20	18	13	— 5
9. " Bones and Joints ..	19	10	6	10	8	9	5	9	12	5	9	3	— 6
10. " Integumentary System	5	5	14	15	7	—	6	6	14	9	8	19	+ 11
VII. VIOLENCE ...	213	227	195	201	234	183	159	156	162	179	191	142	— 49
1. Accident or Negligence ...	167	177	157	165	194	156	122	115	132	140	152	99	— 53
2. Homicide... ..	4	5	3	3	3	4	1	3	2	2	3	3	—
3. Suicide	42	45	34	33	37	23	11	27	28	37	32	40	+ 8
4. Execution	—	—	1	—	—	—	—	—	—	—	—	—	—
5. By Bombs (Enemy Aircraft) ..	—	—	—	—	—	—	25	11	—	—	4	—	— 4
VIII. ILL-DEFINED CAUSES ...	124	120	149	98	125	111	102	103	89	95	112	84	— 28
All Causes ...	4866	4682	5028	4938	5546	4752	4600	5841	4640	4475	4937	4368	— 569

AGES AT DEATH.

The following statement gives the ages at which persons died in the borough, and contrasts them with the returns for the preceding ten years :

Ages.	Number of Deaths, 1921.	Mean Deaths (10 years), 1911-20.	Increase or Decrease on mean.
0-1 year	641	727	- 86
1-5 years	263	446	-183
Under 5 years	904	1,173	-269
5-15 years	177	187	- 10
15-25 "	172	193	- 21
25-35 "	178	288	-110
35-45 "	303	375	- 72
45-55 "	474	542	- 68
55-65 "	598	644	- 46
65-75 "	800	785	+ 15
75-85 "	605	586	+ 19
85 upwards	157	164	- 7
	4,368	4,937	-569

INFANTILE MORTALITY.

Infant Deaths, 641; Mortality Rate, 81.—There were 641 deaths among infants under twelve months old during the year, or 86 below the decennial average (727), and they represented an infant mortality rate of 81 per 1,000 infants born. This rate is 18 per 1,000 births below the mean annual record of the preceding ten years, and with but one exception, is the lowest rate hitherto recorded in Islington.

In the quarters the mortality ranged from 95 per 1,000 births in the first quarter, 61 in the second, 92 in the third, and 76 in the fourth.

In the sub-registration districts the infant mortality was as follows :

Sub-District.	Infant Deaths.	Mortality per 1,000 Births.
Tufnell	49	53
Upper Holloway	60	76
Tollington	61	83
Lower Holloway	97	93
Highbury	109	93
Barnsbury	125	87
Islington South East	140	77

In London the infant mortality was 80 per 1,000 births, while in the six boroughs encircling Islington it was 77.

The rate for England and Wales was 83 per 1,000 births.

Infantile Mortality during each of the Ten Years 1911-20, and 1921.

Deaths at various ages under One Year of Age.

Years.	Under one week.	WEEKS.			Total under four weeks.	MONTHS.				Total Deaths under one year.	Deaths per 1,000 Births.
		1-2	2-3	3-4		4 weeks and under 3 mths.	3-6	6-9	9-12		
1911	170	52	34	37	293	207	201	171	168	1,040	128
1912	190	41	25	24	280	133	121	81	95	710	86
1913	195	49	47	29	320	187	178	111	102	898	107
1914	179	40	39	33	291	159	181	118	100	849	104
1915	155	49	35	31	270	142	152	125	116	805	107
1916	129	32	27	21	209	128	116	92	89	634	87
1917	93	38	23	7	161	106	108	99	91	565	97
1918	123	31	19	14	187	87	112	78	107	571	110
1919	158	32	22	21	233	95	92	60	45	525	83
1920	142	54	37	22	255	141	120	79	81	676	72
Mean 10 years	153	42	31	24	250	139	138	101	99	727	99
1921	131	34	35	22	222	104	148	96	71	641	81
Increase or decrease on mean	- 22	- 8	+ 4	- 2	- 28	- 35	+ 10	- 5	- 28	- 86	- 18

Showing the Deaths among Infants per 1,000 Births during the Year 1921 and also the mortality rates for the Years 1911-1920.

SUB-DISTRICTS.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Mean 10 years	1921	Increase or decrease on mean
Tufnell ..	85	61	108	93	65	84	99	93	50	41	78	53	-25
Up. Holloway ..	115	85	119	86	118	67	68	83	79	69	89	76	-13
Tollington ..	131	88	104	92	135	93	102	135	98	58	104	83	-21
Lr. Holloway ..	162	94	121	134	118	107	121	130	101	66	115	93	-22
Highbury ..	104	80	89	93	109	74	83	99	83	67	80	93	+13
Barnsbury ..	162	98	128	119	107	103	114	122	91	89	113	87	-26
Islington, S.E. .	128	94	98	105	108	91	89	107	81	79	98	77	-21
The Borough ..	128	86	107	104	107	87	97	110	83	72	99	81	-18

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 ten years 1911-20 ; and in 1921 from certain specified causes.

Causes of death.	1921	Mean rate 10 years 1911-20 per 1,000 Births.	Difference.
Premature Birth and Congenital Defects	17.24	21.36	- 4.12
Bronchitis and Pneumonia	14.71	19.19	- 4.48
Atrophy and Marasmus	9.26	13.88	- 4.62
Diarrhoeal Diseases (all forms)	8.11	8.44	- 0.33
Convulsions	1.52	1.77	- 0.25
Whooping Cough	2.79	3.54	- 0.75
Measles	0.63	3.13	- 2.50
Diphtheria	0.38	0.41	- 0.03
Phthisis	0.63	0.41	+ 0.22
Other forms of Tuberculosis	1.27	2.58	- 1.31
Total of above	56.54	74.71	-18.17
All other causes	24.73	24.21	+ 0.52
Total	81.27	98.92	-17.65

WELFARE WORK BY HEALTH VISITORS.

This work was carried out during the year by the seven Health Visitors, who conjointly performed the work set out in the following summary:—

Nature of Visits.	Districts.							Total Visits.
	1	2	3	4	5	6	7	
Pre-natal	75	66	94	80	135	71	59	580
„ (Home Re-visits)	—	—	—	1	10	9	3	23
Births	1,244	1,480	1,267	1,053	1,623	1,097	801	8,565*
„ (Re-visits)	877	574	959	424	1,102	462	419	4,817
Infant Deaths	23	18	15	21	58	6	6	147
Ophthalmia Neonatorum	38	25	27	25	51	32	19	217
„ „ (Re-visits)	39	25	8	2	18	4	14	110
Puerperal Fever	3	6	4	13	7	8	10	51
Measles	2	—	—	—	4	3	6	15
Tuberculosis	—	2	—	—	2	—	—	4
Whooping Cough	4	2	—	—	3	—	—	9
Pneumonia	9	5	11	11	12	7	7	62
Cerebro-spinal Meningitis	—	3	5	2	2	—	—	12
Acute Poliomyelitis	1	—	—	—	1	—	—	2
Diarrhœa	16	15	14	—	41	20	2	108
Chicken Pox	1	1	—	—	1	—	—	3
Attendance at Welfare Centres	23	24	49	12	42	37	31	218
Visits re Milk Order	336	417	401	462	844	392	383	3,235
Other investigations	286	27	228	124	92	180	164	1,101
Total visits	2,977	2,690	3,082	2,230	4,048	2,328	1,924	19,279
No. of Attendances at Medical Officer's Consultations at Centres	11	1,015	94	—	2	665	504	2,291
No. of Babies seen	590	—	835	279	1,708	384	166	3,962
No. of Babies weighed	—	—	112	1,484	—	28	305	1,929
Milk Order—Interviews at Office	1,645	2,092	6,565	4,149	6,818	2,732	3,907	27,908
„ New Grants	172	246	397	273	502	295	387	2,272
„ Renewals	960	1,240	1,028	2,111	2,933	1,817	2,188	12,277

* Including children up to 5 years.

MILK (MOTHERS AND CHILDREN) ORDER, 1918-19.

This order of the Ministry of Health has been in operation since September, 1918, and during the year 1921 the sum of £15,822 3s. 9d. was expended by the Council in the provision of milk to necessitous mothers and children under 5 years of age. The total amount paid since the order first came into operation was £30,216 19s. 10d.

The total number of orders issued during the year was 24,271.

In view of the requirements of the Ministry of Health as to reducing the expenditure on the Borough Council's milk supply to necessitous expectant and nursing mothers and young children, the Council at its meeting on 30th June, 1921, resolved upon the recommendation of the Maternity and Child Welfare Committee: "That the scheme for the distribution of milk submitted to the Council on the 5th May, 1921, be modified as follows:

"1. That the milk be not supplied to expectant mothers except during the last three months of pregnancy.

"2. That milk be not supplied to children over the age of 18 months, provided that in exceptional cases where children are under 5 years of age a supply may be granted on production of a medical certificate.

"3. That no family, the father of which is in full employment, be granted a supply of milk at less than cost price unless there are more than three children in the family.

" 4. That the following scale of income be adopted in lieu of the scale contained in the scheme, and that no deduction other than rent be made from the total family income in order to arrive at the net income :—

No. in Family.	Scale for Distribution of Free Milk.		Scale for Distribution at half-price.	
	s.	d.	s.	d.
1	16	0	18	0
2	13	0	14	6
3	10	6	11	6
4	9	6	10	6
5	8	6	9	6
6	8	0	9	0

THE CONFERENCE ON SUPPLY OF MILK TO EXPECTANT AND NURSING MOTHERS AND TO CHILDREN.

On the 17th June, 1921, a conference of representatives of Metropolitan Borough Councils met at the Town Hall, Islington, to consider the question of milk supply schemes, and the resolutions passed by the Conference were forwarded to the Ministry of Health.

The Conference strongly protested against the restrictions on the issue of free milk to children under 5 years of age, and to expectant mothers (except during the last three months of pregnancy) in accordance with the terms of the Ministry of Health's circular No. 185 as being prejudicial to the welfare of many children belonging to necessitous families. It considered that as the duties of Maternity and Child Welfare Committees are mainly preventive in character it should not be necessary to withhold supplies from necessitous children until the physical condition of those children has become sufficiently impaired to warrant the issue of a medical certificate, and that supplies of milk should be granted to necessitous expectant mothers for at least the last six months of pregnancy.

It was also of opinion that the action of the Ministry of Health was economically unsound, as it would necessitate additional expenditure on remedial treatment in future years.

A reply was received from the Ministry of Health to the effect that the Minister of Health was aware of the heavy burden of expenditure incurred by local authorities at the present time in distributing milk to necessitous expectant and nursing mothers and to children, but that in the present need for economy in national expenditure he could hold out no hope of an increase in the Government grant of 50 per cent., nor of any modification in the conditions laid down in official circular No. 185 for the distribution of milk ; also that the Minister had no power to refund amounts paid by local authorities for milk supplied to the dependants of reservists and other men serving with the Colours beyond the grant of 50 per cent. paid by the Ministry.

STATEMENT OF WORK PERFORMED BY THE VOLUNTARY MATERNITY AND CHILD WELFARE CENTRES :

NORTH ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Number of Expectant Mothers on books ..	...	388.
" Attendances	...	1,095
" Consultations held	...	98
Number of Babies attending (all ages) ...	...	1,786
" " (under 1 year)	...	1,336
" Attendances	...	12,945
" Consultations and weighings	...	9,283

Number of Attendances of Morning Callers	...	1,487
Number of Sewing Classes	... ..	143
" Attendances	... ..	1,052
Number of Health Talks	... ..	273
" Attendances	... ..	4,467
Number of Visits—Professional	... ..	1,409
" " —Voluntary	... ..	1,110
Dental Clinic—Attendances	... ..	766
" " —Patients treated	... ..	286
Convalescent Homes—Mothers and children sent to		182
Number of Patients treated in Wards	... ..	152
" Babies	... ..	114
" Mothers	... ..	38
Number of Deaths—Infant	... ..	38
" " —Other	... ..	17
Infant Mortality (based on per 1,000 infants under 1 year attending centre)	... ..	28·4

SOUTH ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Ante-Natal Cases.

Number of Mothers	... ..	235
Full Term Births	... ..	109
Premature Births	... ..	11
Still Births	... ..	5
Miscarriages	... ..	5
Not yet confined	... ..	80
False Pregnancy	... ..	15
Left the neighbourhood before confinement	...	10
Number of Attendances	... ..	583
Staff Visits	... ..	8,531
Number of Deaths—Infant	... ..	36
" " —(Over one year)	... ..	15
Infant Mortality (based on per 1,000 infants under 1 year attending centre)	... ..	60·2

Record of Children.

Children on Books 31st March, 1921	... ..	1,599
New Children during the year	... ..	940
Children on Books 31st March, 1922	... ..	2,539
Ceased to attend since 31st March, 1921	... ..	692
In attendance 31st March, 1922	... ..	1,847

Analysis of Attendances.

Children under 1 year	... ..	598
" over 1 year	... ..	1,249
Weighing and Consultations	... ..	8,132
Weighings only	... ..	4,426
Dental Treatment	... ..	92
Convalescent Homes or Holidays	... ..	113

WEST ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Number of Expectant Mothers on roll	...	...	185
„ Attendances	...	...	494
„ Consultations	...	...	49
„ Ailing Mothers on roll	..	...	257
„ Attendances	...	...	760
Total visits—Expectant Mothers	...	...	430
„ —Children	...	...	8,069
Number of Children on books 31st March, 1922...			1,819
„ Attendances, under 1 year	...	...	443
„ „ over 1 year	...	...	801
Number of Consultations	...	...	305
Attendances at Consultations	...	...	8,224
Attendances at Weighings	...	...	4,364
Total attendances (Children)	...	...	12,588
Number of deaths under 1 year	...	...	43
„ „ over 1 year	...	...	15
Infant Mortality (based on per 1,000 infants under			
1 year, attending centre)	...	...	97·0
Massage Attendances	...	...	499
Dental Treatment	...	...	96
Convalescent Homes and Holidays	...	...	91

EAST ISLINGTON MATERNITY AND CHILD WELFARE CENTRE.

Children under 1 year (attending Centre) ..	...	340
„ over 1 year „ „	...	774
Mothers expectant	...	129
Consultations held	...	40
Attendances	...	346
Total Attendances (Children)	...	7,972
Home Visits (by Staff)	...	5,391
„ (Voluntary)	...	84
Consultations	...	5,930
Weighings only	...	2,042
Massage (Attendances)	...	1,078
Deaths (under 1 year)	...	28
„ (over 1 year)	...	18
Infant Mortality (based on per 1,000 infants under		
1 year attending Centre)	...	82·3
Dental Clinic—Patients treated	...	43
Convalescent Homes—Sent for treatment..	...	8

DEATHS IN PUBLIC INSTITUTIONS.

Within the Borough.—1,868 persons died in the Public Institutions located in Islington, of whom 1,340 belonged to this Borough, the remaining 528 having come here for treatment or relief. Of these, 353 died in the Holborn Infirmary and 93 in the Great Northern Central Hospital.

Of the 1,340 deaths of inhabitants, 936 occurred in the Islington Infirmary, 230 in the Islington Institution, and 131 in the Great Northern Central Hospital. The proportion which the 1,340 deaths in these public institutions bore to the Borough mortality was 30·7 per cent.

Without the Borough—793 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, 41 in the North-Western Fever Hospital, 55 in the Children's Hospital, Great Ormond Street, 108 in St. Bartholomew's Hospital, 45 in the Colney Hatch Asylum, 60 in the Royal Free Hospital, 48 in the University College Hospital, 53 in the North-Eastern Fever Hospital, 21 in the Eastern Fever Hospital, and 31 in the Middlesex Hospital.

These 793 deaths represented 18·1 per cent. of all the deaths registered in the year.

Within and Without the Borough.—The deaths of Islingtonians numbered 2,133 and were equal to 48·8 per cent. of the total deaths registered during the year.

Fatal Accidents or Sudden Deaths outside the Borough.—Ninety-three inhabitants died from accidental deaths, or suddenly, in places outside Islington.

Showing the Deaths of Inhabitants in Local Institutions and in Institutions outside the Borough, also the Deaths of Non-Inhabitants in Local Institutions during the ten years 1911-1920 and in 1921.

Years.	Total Deaths in Local Institutions (cols. 3 and 4).	Inhabitants of Islington in Local Institutions.	Non-Inhabitants of Islington in Local Institutions.	Inhabitants in Islington Infirmary.	Inhabitants of Islington in Great Northern Hospital.	Inhabitants of Islington in Institutions outside the Borough.	Total Deaths of Inhabitants in all Institutions (cols. 3 and 7).	Proportion per 100 deaths from all causes (col. 8).
1	2	3	4	5	6	7	8	9
1911 ...	1,804	1,181	623	817	113	760	1,941	39·9
1912 ...	1,693	1,184	509	846	127	760	1,944	41·5
1913 ...	1,938	1,361	577	980	115	844	2,205	43·8
1914 ...	2,034	1,407	627	1,053	100	875	2,282	46·2
1915 ...	2,288	1,606	682	1,193	98	872	2,478	44·9
1916 ...	2,148	1,460	688	1,027	100	775	2,235	47·0
1917 ...	2,145	1,383	762	952	93	848	2,231	48·5
1918 ...	2,536	1,728	808	1,196	110	865	2,593	44·4
1919 ...	1,946	1,382	564	912	124	730	2,112	45·5
1920 ...	1,842	1,322	520	917	117	793	2,115	47·3
Average	2,037	1,401	636	989	110	812	2,213	44·9
1921...	1,868	1,340	528	936	131	793	2,133	48·8

Transferable Deaths.—During the year 60 deaths that had occurred in outlying Institutions and other places outside the Borough were transferred by the Registrar General to Islington.

MORTALITY FROM THE PRINCIPAL EPIDEMIC DISEASES.

Small Pox, Measles, Scarlet Fever, Whooping Cough, Fevers—Typhus, Enteric and Continued—and Diarrhœal Diseases.

During the year 285 persons died from these diseases, the death rate being 0·86 per 1,000 inhabitants, as contrasted with 1·01 in the corresponding period last year, and a decennial average mortality of 352 and a death rate of 1·11 per 1,000.

In London the death rate from the epidemic diseases was 0·96, while in the six Boroughs encircling Islington the death rate was 1·00.

Locally the deaths in the Sub-Registration Districts and Wards were as follows :—

Showing the Deaths from each of the Principal Epidemic Diseases in the several Wards and Sub-Registration Districts during the Year 1921.

SUB-REGISTRATION DISTRICTS.	WARDS.	Enteric Fever.	Small Pox.	Measles	Scarlet Fever.	Whooping Cough.	Diphtheria.	Diarrhoea.	Totals.
		Deaths	Deaths	Deaths	Deaths	Deaths	Deaths	Deaths	Deaths
Tufnell ...	Tufnell ...	—	—	—	2	1	8	11	22
Up. Holloway...	Up. Holloway...	—	—	—	2	4	31	7	44
Tollington ...	Tollington ...	—	—	1	—	3	8	11	23
Lr. Holloway...	Lr. Holloway...	1	—	10	2	5	11	17	46
Highbury ...	Highbury ...	—	—	1	2	5	7	6	21
	Mildmay ...	—	—	—	—	5	4	2	11
Barnsbury ...	Thornhill ...	—	—	4	1	6	5	11	27
	Barnsbury ...	—	—	3	2	2	2	3	12
Islington South East	St. Mary's ...	—	—	1	2	2	4	3	12
	Canonbury ...	—	—	—	4	6	13	4	27
	St. Peter's ...	—	—	7	2	4	17	10	40
THE BOROUGH		1	—	27	19	43	110	85	285
Total Death Rates ...		0.00	—	0.08	0.06	0.13	0.33	0.26	0.86

Showing the Deaths and Death-Rates from the Principal Epidemic Diseases during the ten years 1911-20 and for the Year 1921.

	1911		1912		1913		1914		1915		1916	
	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.
Enteric Fever ...	12	0.04	8	0.02	4	0.01	14	0.04	5	0.01	9	0.03
Small Pox ...	—	—	—	—	—	—	—	—	—	—	—	—
Measles ...	124	0.38	151	0.46	101	0.31	97	0.30	153	0.48	80	0.26
Scarlet Fever ...	20	0.06	9	0.03	19	0.06	23	0.07	38	0.12	18	0.06
Whooping Cough ...	71	0.22	54	0.16	62	0.19	83	0.26	103	0.32	60	0.19
Diphtheria ...	54	0.16	38	0.12	37	0.11	44	0.13	57	0.18	45	0.14
Diarrhoea and Enteritis (under 2 years)	362	44.62 per 1,000 births	84	10.96 per 1,000 births	210	25.12 per 1,000 births	217	26.53 per 1,000 births	154	20.43 per 1,000 births	117	16.11 per 1,000 births
	1917		1918		1919		1920		Mean 10 years		1921	
	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.	Deaths.	Death Rates.
Enteric Fever ...	4	0.01	7	0.02	5*	0.02	3*	0.01	7	0.02	1	0.00
Small Pox ...	—	—	—	—	1	0.00	—	—	—	—	—	—
Measles ...	149	0.50	114	0.39	12	0.04	92	0.27	107	0.34	27	0.08
Scarlet Fever ...	4	0.01	8	0.03	14	0.04	12	0.04	16	0.05	19	0.06
Whooping Cough ...	45	0.15	147	0.51	17	0.05	70	0.21	71	0.22	43	0.13
Diphtheria ...	33	0.11	45	0.16	51	0.16	135	0.40	54	0.17	110	0.33
Diarrhoea and Enteritis (under 2 years)	106	18.16 per 1,000 births	82	15.78 per 1,000 births	85	13.53 per 1,000 births	77	8.19 per 1,000 births	149	20.27 per 1,000 births	156	19.78 per 1,000 births

*Including 2 Malarial Fever.

Showing the Deaths from Diarrhoeal Diseases together with those classed under Enteritis and its Sub-headings, arranged in quarterly periods, and in three groups of ages.

AGES.	1st Quarter.			2nd Quarter.			3rd Quarter.			4th Quarter.			The Year.		
	Diarrhoea.	Enteritis, &c.	Totals.	Diarrhoea.	Enteritis, &c.	Totals.	Diarrhoea.	Enteritis, &c.	Totals.	Diarrhoea.	Enteritis, &c.	Totals.	Diarrhoea.	Enteritis, &c.	Totals.
Under 1 year	4	12	16	3	9	12	38	47	85	19	15	34	64	83	147
1 to 5 years ...	—	2	2	—	1	1	6	2	8	3	9	12	9	14	23
Over 5 years	2	6	8	—	3	3	6	3	9	4	8	12	12	20	32
TOTALS ...	6	20	26	3	13	16	50	52	102	26	32	58	85	117	202

INFLUENZA.

During the year Influenza caused 93 deaths, which is a decrease of 25 on the return for the year 1920; and 77 less than the average of the preceding ten years 1911-20. The death rate was equal to 0·28 per 1,000 inhabitants.

Showing the Deaths from Influenza in the Quarters of the Year 1921, together with the averages of the corresponding periods, 1911-20.

YEARS.	QUARTERS.				TOTALS.
	FIRST.	SECOND.	THIRD.	FOURTH.	
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
1918	14	8	60	849	931
1919	294	35	6	21	356
1920	56	43	7	12	118
Average	52	15	9	94	170
1921	33	17	2	41	93
Increase or Decrease	— 19	+ 2	— 7	— 53	— 77

The following statement gives the ages at death of the persons who suffered from Influenza during the preceding ten years as compared with the return for the year 1921 :

Ages.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Mean 10 yrs	1921	Difference.
0-5 ...	3	1	5	1	3	—	1	106	19	10	15	5	— 10
5-10 ...	—	—	—	1	—	—	—	52	5	3	6	—	— 6
10-15 ...	—	—	—	—	—	—	—	32	8	3	4	1	— 3
15-25 ...	1	2	2	1	5	—	—	141	48	12	21	5	— 16
25-35 ...	4	1	4	1	4	—	2	252	82	21	37	9	— 28
35-45 ...	2	5	8	6	7	1	2	109	47	18	21	15	— 6
45-55 ...	6	1	17	5	15	6	7	93	48	17	22	18	— 4
55-65 ...	3	4	5	7	12	6	8	69	42	17	17	13	— 4
65-75 ...	10	7	7	7	11	10	10	50	36	13	16	14	— 2
75&upwards	8	7	10	1	14	13	6	27	21	4	11	13	+ 2
All Ages .	37	28	58	30	71	36	36	931	356	118	170	93	— 77

SEPTIC DISEASES.

Erysipelas and Puerperal Septicæmia are the principal diseases of this class.

Erysipelas.—5 deaths were returned from this disease, or 10 less than in the year 1920, and 6 below the average of the preceding ten years 1911-20.

Puerperal Diseases.—These comprise Puerperal Pyæmia, Septicæmia, Septic Intoxication and Puerperal Fever, and they caused 12 deaths, which is 3 above the return of 1920, and 5 more than the average of the ten years 1911-20.

CONSTITUTIONAL DISEASES.

The chief of these diseases are Cancer, Tuberculosis, Rheumatism, Diabetes, Gout, Gangrene and Purpura. They were collectively responsible for 985 deaths, as contrasted with an average of 1,040 in the preceding ten years. The death rate represented 2·82 per 1,000 as contrasted with a decennial average of 3·28.

Cancer.—There were 475 deaths from this malignant disease during the year compared with 402 in 1920, and with an average of 395 in the previous decennium. The deaths represent a death rate of 1·43 per 1,000 of the civil population and is 0·19 above the average rate (1·24) of the last ten years, 221 deaths occurred among males and 254 among females. The following statement shows the ages at death of the persons attacked during the past ten years, and the return for the year 1921 :

Ages.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Mean 10 yrs	1921	Difference
0-5 ...	1	1	1	—	—	—	2	—	2	3	1	2	+ 1
5-15 ...	3	2	—	2	1	3	2	—	1	—	1	1	—
15-25 ...	4	4	7	2	2	—	5	—	4	1	3	1	— 2
25-35 ...	5	7	13	11	7	4	8	8	5	10	8	10	+ 2
35-45 ...	32	25	31	37	24	30	31	27	36	32	30	34	+ 4
45-55 ...	67	71	83	69	75	86	73	75	101	74	77	98	+ 21
55-65 ...	92	130	99	121	120	124	131	99	120	110	115	140	+ 25
65-75 ...	87	86	115	96	105	114	120	126	123	124	110	131	+ 21
75-85 ...	31	51	49	40	39	48	55	52	39	43	45	52	+ 7
85&upwards	7	5	6	6	4	3	5	6	7	5	5	6	+ 1
	329	382	404	384	377	412	432	393	438	402	395	475	+ 80

Showing the Deaths from Cancer or Malignant Disease in the several Sub-Districts during the Quarters and the year 1921.

Quarters.	Tufnell.	Upper Hollo- way.	Tolling- ton.	Lower Hollo- way.	High- bury.	Barns- bury.	Isling- ton, South East.	The Borough
First ...	21	18	13	5	20	16	29	122
Second ...	8	13	8	12	23	17	22	103
Third ...	13	22	6	12	17	21	41	132
Fourth ...	16	9	13	10	21	25	24	118
The Year ...	58	62	40	39	81	79	116	475

TUBERCULOSIS.

The group of diseases, known as Tuberculosis, together caused 410 deaths, which were 133 below the average of the last decennium, and were 15 also below the number registered in 1920. The death rate resulting from them was equal to 1·23 per 1,000 of the civil population, and represented 9·4 per cent. of the deaths from all causes during the year.

Pulmonary Phthisis.—This is the principal disease of the tubercular group, and it caused 355 deaths, as contrasted with the decennial average of 439, while the death-rate was 1·07 per 1,000 of the civil population, as against the decennial rate of 1·39 per 1,000. There was a decrease of 84 on the number of deaths, and of 0·32 on the mean death-rate. The mortality from Phthisis was, without exception, the lowest hitherto recorded in the Borough.

PULMONARY PHTHISIS.			Proportion of	Death rates
Years.	Deaths.	Death rates per 1,000 inhabitants.	Deaths from Phthisis per 100 Deaths from All Causes.	from All Causes per 1,000 inhabitants.
1911	389	1·19	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	17·0
1916	458	1·48	9·64	15·3
1917	485	1·63	10·54	15·5
1918	516	1·80	8·83	20·4
1919	388	1·18	8·56	14·1
1920	349	1·04	7·80	13·3
Average 10 years	439	1·39	8·89	15·6
1921	355	1·07	8·13	13·1

The following return gives the deaths at each age period :

Age Periods.				Males.	Females.	Total.
0-5	...	...	...	3	8	11
5-15	...	...	...	3	6	9
15-25	...	...	...	20	46	66
25-35	...	...	...	33	33	66
35-45	...	...	...	43	32	75
45-55	...	...	...	60	14	74
55-65	...	...	...	27	12	39
65 upwards	...	...	...	8	7	15
TOTAL ...				197	158	355

Showing the **Deaths from Phthisis** in the **Sub-Districts** during the **Four Quarters** of the **Year 1921.**

Quarters.	Tufnell.	Upper Holloway.	Tollington.	Lower Holloway.	High-bury.	Barnsbury.	Islington, South East.	The Borough.
First ...	16	13	4	11	18	16	26	104
Second ...	12	10	6	9	5	11	19	72
Third ...	7	12	7	5	10	11	18	70
Fourth ...	5	15	12	15	20	12	30	109
The Year ...	40	50	29	40	53	50	93	355

Showing the Deaths from the Tubercular Diseases during 1921.

DISEASES.	Ages.			Sex.		Districts.								Total Deaths.
	0-1	1-5	over 5	M	F.	Tuf.	U.H.	Toll.	L.H.	H.	B.	S.E.		
Phthisis	5	6	344	197	158	40	50	29	40	53	50	93	355	
Tuberculosis of the Larynx ...	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tubercular Meningitis ...	8	10	7	10	15	4	3	3	3	1	5	6	25	
Abdominal Tuberculosis ...	2	3	10	4	11	—	3	1	1	4	2	4	15	
General Tuberculosis ...	—	2	2	1	3	1	—	—	—	1	1	1	4	
Other forms of Tuberculosis ...	—	2	9	5	6	—	2	—	2	2	1	4	11	
All Tubercular Diseases ...	15	23	372	217	193	45	58	33	46	61	59	108	410	

DEATHS FROM THE DISEASES OF THE RESPIRATORY SYSTEM.

These diseases, which include Chronic and Acute Bronchitis, Pneumonia, Pleurisy and Asthma, caused 717 deaths, or 105 less than in 1920. They were equal to a death-rate of 2.15 per 1,000 of the civil population, and represented 16.4 per cent. of the total deaths registered in the Borough.

Acute Bronchitis.—There were 96 deaths as compared with 106 in the previous year. 44 occurred among males, and 52 among females. The deaths of 14 infants under 12 months were registered.

Chronic Bronchitis.—234 deaths were ascribed to it, 107 being males and 127 females. This return is 10 below that for 1920.

Pneumonia (All forms).—Three hundred and thirty-two deaths were registered, of which 192 were males and 140 females. They are 87 less than the number who died in 1920. It was very fatal to infants under a year old, among whom it caused 90 deaths, while between the ages of 1 and 5 years 66 died from it. Above 5 years of age the deaths numbered 176.

64 Deaths occurred in Public Institutions, chiefly the Workhouse Infirmaries.

Pleurisy—From this disease 10 deaths were registered. Only 1 death occurred in Public Institutions.

Asthma and Emphysema.—Seventeen deaths were recorded from these diseases, all of which were adults.

Other Diseases of a Respiratory System.—Twenty-eight deaths were registered from them, as contrasted with 23 in 1920.

VENEREAL DISEASES.

Seventeen deaths were ascribed to these diseases, as compared with 13 in 1920. They were 1 above the mean of the preceding ten years 1911-20.

The annual average number of deaths recorded during ten years from them at three groups of ages has been as follows: Under 1 year, 10 deaths, 1-5 years, 1 death, and over 5 years, 6 deaths, making an average total of 17 per annum.

INQUESTS AND MORTUARY.

During the year 313 bodies were received into the Mortuary, as compared with an average of 523 in the preceding 10 years. The return is the lowest since the opening of the building in 1874.

Four infectious bodies were received during the year.

The daily average number of bodies received was 0·8 as compared with 0·9 in 1920.

In 299 cases inquests were held, as contrasted with an average of 383 in the ten years 1911-20.

			Bodies received into Mortuary.		Inquests.
1911	...	...	646	...	425
1912	...	...	634	...	443
1913	...	...	575	...	384
1914	...	...	537	...	369
1915	...	...	612	...	475
1916	...	...	507	...	394
1917	...	...	479	...	359
1918	...	...	476	...	348
1919	...	...	429	...	321
1920	...	...	340	...	312
Average	...	...	523	...	383
1921			313		299

The following Table gives a return of the bodies received into the Mortuary and the inquests held by the Coroner during the years 1921 and 1920.

1920	No. of bodies received.	Daily Average.	No. of Inquests held.	1921	No. of bodies received.	Daily Average.	No. of Inquests held.
1st Quarter	98	1·0	82	1st Quarter...	74	0·8	69
2nd " ...	82	0·9	76	2nd " ...	64	0·7	56
3rd " ...	81	0·9	74	3rd " ...	90	1·0	76
4th " ...	79	0·8	80	4th " ...	85	0·9	98
Total for year	340	0·9	312	Total for year	313	0·8	299

THE NOTIFICATION, ISOLATION, FATALITY,
AND
PREVENTION 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.*

There were 4,344 cases of the diseases which are notifiable under the Public Health (London) Act, 1891, in addition to which there were other communicable ailments, such as Tuberculosis, Ophthalmia Neonatorum, Acute Poliomyelitis, Cerebro-Spinal Fever, Encephalitis Lethargica, Measles, Malaria and Dysentery, which are notifiable either under Orders of the late Local Government Board, or of the London County Council with the approval of that Board.

The total cases notified are 1,491 above those of the previous year (2,853), and 2,411 more than the average of the preceding ten years. The largest increases when contrasted with the decennial averages are to be found in the returns from Scarlet Fever and Diphtheria, which were respectively 1,616 and 893 in excess, while Puerperal Fever cases were 14 above the average. The other diseases all showed a decrease.

The 4,344 cases were equal to an attack-rate of 13·05 per 1,000 of the civil population.

In London the attack-rate was 11·60 per 1,000 of the civil population, or 1·45 less than in Islington, while in the Encircling Boroughs it was 12·73 or 0·32 below the local rate.

The returns for the preceding ten years are given in the following statement :

Year.	Cases.	Attack-rates per 1,000 civil population.
1911	1,759	5·37
1912	1,577	4·83
1913	2,171	6·54
1914	2,947	9·08
1915	2,210	6·98
1916	1,439	4·65
1917	1,251	4·21
1918	1,127	3·93
1919	1,993	6·05
1920	2,853	8·49
10 years average	1,933	6·09
1921	4,344	13·05

Registration Sub-Districts.—The total number of cases notified in these districts was as follows :

	Total cases notified.
Tufnell	364
Upper Holloway	591
Tollington	390
Lower Holloway	461
Highbury	718
Barnsbury	693
Islington South-East	1,127
Total	<u>4,344</u>

Small Pox.—No case was notified in the Borough during the year. The average number of cases during the preceding ten years was only 0·4.

Scarlet Fever.—2,622 cases were notified, and they showed an increase of 1,616 or 161 per cent. on the average (1,006) of the ten years 1911-20. The attack-rate was equal to 7·87 per 1,000 of the civil population annually, which is an increase of 4·70 per 1,000 of the mean rate (3·17) of the preceding ten years. In London the attack rate was 7·25 per 1,000 of the civil population, while in the Encircling Boroughs it was 8·16.

Diphtheria and Membranous Croup were responsible for 1,553 cases of illness, and were 893 above the average (660) of the preceding ten years. The attack-rate was equal to 4·67 per 1,000 of the civil population annually, and was 2·58 above the mean rate (2·09) of the decennial period.

In London the attack-rate was 3·62 per 1,000, and the Encircling Boroughs 3·92.

Enteric Fever was notified in 10 instances, which is 30 below the average (40) that obtained during the ten years 1911-20. The attack-rate was 0·03 per 1,000 annually, or 0·09 per 1,000 below the mean rate (0·12) of the last ten years.

In London the rate was 0·07, and in the Encircling Boroughs 0·07 per 1,000 of the civil population.

Typhus Fever.—Nil return.

Continued Fever.—No case was notified.

Erysipelas.—125 cases were notified, or 82 below the average 207 of the preceding ten years, the attack-rate being 0·38 per 1,000 of the civil population, as compared with 0·47 in London and 0·51 in the Encircling Boroughs.

Puerperal Fever.—Thirty-four cases were notified, being in the proportion of 4·31 per 1,000 births. The notifications were 14 above the average (20) of the preceding ten years, and showed an increase of 1·59 in the proportion of attacks to 1,000 births. It was the highest number of cases notified since 1901.

The deaths numbered 12, which represented a fatality of 35 per cent. The deaths occurring in hospital numbered 11, and equalled a fatality rate of 52 per cent. of the cases treated.

Cases of Puerperal Fever notified and inquired into during the year 1921.

	Tufnell.	Upper Holloway.	Tollington.	Lower Holloway.	High-bury.	Barnsbury.	Islington, South-East.	The Borough
Cases notified ...	5	1	3	2	9	4	10	34
Patient delivered by Doctor ...	—	—	1	1	1	2	4	9
Patient delivered by Midwife ...	4	—	—	—	5	1	3*	13
Cases inquired into ...	5	1	3	2	9	4	10	34
" treated in Hospital	4	1	1	1	9	4	5	25
" treated at home	1	—	2	1	—	—	5	9

*There was one case where miscarriage occurred.

FATALITY FROM THE NOTIFIABLE INFECTIOUS DISEASES.

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

During the year it was found that of the 4,344 cases notified, 146 deaths occurred, or 3·3 per cent., which contrasts with an average percentage of 4·9 in the preceding ten years 1911-20.

Years.	Cases.	Deaths.	Fatality.
1911	1,759	104	5·9
1912	1,577	62	3·9
1913	2,171	76	3·5
1914	2,947	113	3·8
1915	2,210	118	5·3
1916	1,439	87	6·0
1917	1,251	55	4·4
1918	1,125	67	6·0
1919	1,993	96	4·8
1920	2,870	173	6·0
Mean	1,933	95	4·9
1921	4,344	146	3·3

Hospital Isolation.—Of the 4,344 cases of infectious diseases notified, 4,117 were isolated in hospital, or a percentage of 94·8, while only 5·2 per cent. of the patients, therefore, were nursed at home. This is the highest number on record.

The following tabular statement shows the number of cases treated in the various public institutions:

Year.	Cases treated in Hospital.	Percentage of cases treated.
1911	1,416	80·5
1912	1,577	84·1
1913	1,866	85·9
1914	2,543	86·3
1915	1,991	90·1
1916	1,269	90·0
1917	1,099	87·8
1918	982	87·1
1919	1,772	88·9
1920	2,642	92·0
1921	4,117	94·8

DISEASES TREATED IN HOSPITAL.

Disease.	Total cases.	Cases isolated.	Percentage of known cases.
Scarlet Fever ...	2,622	2,512	95·8
Diphtheria ...	1,553	1,552	98·6
Enteric Fever ...	10	8	80·0
Erysipelas ...	125	44	35·2
Puerperal Fever ...	34	21	61·8
	4,344	4,117	94·8

Summary of Infectious Sickness and of Deaths arising therefrom, distinguishing the Cases treated at Home and in Hospitals; and showing the percentages of notified Cases removed to Hospitals, together with the Fatality among cases treated at Home and in Hospitals during the year 1921.

	Notified Cases Treated.			Percentages of Notified Cases Treated.		Deaths Occurring.			Percentage of Deaths Occurring.		
	In Hospital	At Home	Total	In Hospital	At Home	In Hospital	At Home	Total	In Hospital	At Home	Total
Small Pox	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	2,512	110	2,622	95·8	4·2	17	2	19	0·7	1·8	0·7
Diphtheria ...	1,532	21	1,553	98·6	1·4	103	6	109	6·7	28·6	7·0
Enteric (Typhoid) Fever ...	8	2	10	80·0	20·0	1	—	1	12·5	—	11·1
Typhus Fever ...	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	44	81	125	35·2	64·8	2	3	5	4·5	3·7	4·0
Puerperal Fever ...	21	13	34	61·8	38·2	11	1	12	52·4	8·0	35·3
Continued Fever ...	—	—	—	—	—	—	—	—	—	—	—
Relapsing Fever ...	—	—	—	—	—	—	—	—	—	—	—
Cholera ...	—	—	—	—	—	—	—	—	—	—	—
Total ...	4,117	227	4,344	94·8	5·2	134	12	146	3·2	5·3	3·3

Showing the number of Cases and Attack-Rates of the several Notifiable Infectious Diseases which occurred during each of the Ten Years 1911-20 and in 1921.

DISEASES.	YEARS.										Average number of cases, 1911-20	1921	Increase or Decrease
	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920			
Small Pox { Cases	—	—	—	—	—	—	—	2	2	—	—	—	—
Rate	—	—	—	—	—	—	—	0·00	0·00	—	—	—	—
Scarlet Fever { Cases	804	811	1317	1853	1332	638	478	432	1084	1307	1006	2622	+ 1616
Rate	2·46	2·49	3·97	5·71	4·21	2·06	1·61	1·51	3·29	3·89	3·17	7·87	+ 4·70
Diphtheria { Cases	590	512	546	651	620	587	556	514	645	1324	655	1548	+ 893
Rate	1·80	1·57	1·65	2·01	1·96	1·90	1·87	1·80	1·96	3·94	2·07	4·65	+ 2·58
Membranous { Cases	3	4	4	8	4	6	5	4	4	4	5	5	—
Croup ... { Rate	0·01	0·01	0·01	0·02	0·01	0·02	0·02	0·01	0·01	0·01	0·02	0·02	—
Enteric Fever { Cases	73	49	50	76	28	32	23	30	16	24	40	10	— 30
Rate	0·22	0·15	0·15	0·23	0·09	0·10	0·08	0·10	0·05	0·07	0·12	0·03	— 0·09
Typhus Fever { Cases	—	—	—	—	—	—	—	—	—	—	—	—	—
Rate	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas { Cases	275	185	226	334	203	155	173	141	212	165	207	125	— 82
Rate	0·84	0·57	0·68	1·03	0·64	0·50	0·58	0·49	0·64	0·49	0·65	0·38	— 0·27
Puerperal { Cases	14	16	28	25	23	21	16	4	29	29	20	34	+ 14
Fever* ... { Rate	1·76	1·95	3·41	3·10	3·48	2·89	2·74	0·77	0·46	3·08	2·72	4·31	+ 1·59
Continued { Cases	—	—	—	—	—	—	—	—	1	—	—	—	—
Rate	—	—	—	—	—	—	—	—	0·00	—	—	—	—
TOTALS ... { Cases	1759	1577	2171	2947	2210	1439	1251	1127	1993	2853	1933	4344	+ 2411
Rate	5·37	4·83	6·54	9·08	6·98	4·65	4·21	3·93	6·05	8·49	6·09	13·05	+ 6·96

*Per 1,000 Registered Births.

Showing the Cases of the Notifiable Infectious Diseases notified in the Sub-Registration Districts and the Wards during the Year 1921.

SUB-REGISTRATION DISTRICTS.	WARDS.	Small Pox.	Scarlet Fever or Scarlatina.	Diphtheria.	Membranous Croup.	Enteric (Typhoid) Fever.	Typhus Fever.	Erysipelas.	Puerperal Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total.
Tufnell	Tufnell	—	257	93	—	—	—	9	5	—	—	—	364
Up. Holloway .	Up. Holloway ..	—	304	273	—	—	—	13	1	—	—	—	591
Tollington ...	Tollington ...	—	228	147	1	—	—	11	3	—	—	—	390
Lr. Holloway ..	Lr. Holloway ..	—	288	154	1	2	—	14	2	—	—	—	461
Highbury ... {	Highbury ...	—	263	150	—	2	—	5	4	—	—	—	424
	Mildmay ...	—	181	98	—	4	—	6	5	—	—	—	294
Barnsbury ... {	Thornhill ...	—	291	106	—	—	—	20	—	—	—	—	417
	Barnsbury ...	—	190	71	—	—	—	11	4	—	—	—	276
Islington, S.E. {	St. Mary's ...	—	156	85	1	1	—	5	3	—	—	—	251
	Canonbury ...	—	201	175	—	—	—	12	3	—	—	—	391
	St. Peter's ...	—	263	196	2	1	—	19	4	—	—	—	485
	Totals ...	—	2622	1548	5	10	—	125	34	—	—	—	4344
	Attack-Rates per 1,000 population ...	—	7·87	4·65	0·02	0·03	—	0·38	0·10	—	—	—	13·05

OTHER NOTIFIABLE DISEASES.

Acute Poliomyelitis, Cerebro-spinal Meningitis, Encephalitis Lethargica, Ophthalmia Neonatorum, Tuberculosis and Measles.

ACUTE POLIOMYELITIS.

Three cases were ascribed to this disease during the year, as contrasted with 7 in 1920. One death was registered in the fourth quarter.

				1921		1920	
				Cases.	Deaths.	Cases.	Deaths.
1st quarter	...	...	...	—	—	1	—
2nd "	...	...	...	2	—	1	—
3rd "	...	...	...	—	—	5	—
4th "	...	...	...	1	1	—	—
				3	1	7	nil.

EPIDEMIC CEREBRO-SPINAL MENINGITIS.

Seven cases were notified, or seven cases less than in 1920. During the ten years 1911-20, the cases averaged 19 per annum.

A return of attacks of the disease during the past ten years is given in the following statement :

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Average 10 yrs. 1911-20	1921	Total Deaths, 1911-21.
1st quarter ..	4	1	1	2	12	7	15	7	8	5	6	3	41
2nd " ...	4	6	3	3	13	17	11	4	7	5	7	3	55
3rd " ...	3	3	1	2	11	8	1	1	1	2	3	—	16
4th " ...	2	3	1	—	4	7	3	4	—	2	3	1	11
Year ...	13	13	6	7	40	39	30	16	16	14	19	7	123

The deaths during the year numbered 6, and were equal to the very high rate of 85 per cent. of the cases notified.

PUBLIC HEALTH (PNEUMONIA, MALARIA, DYSENTERY, ETC.), REGULATIONS, 1919.

These Regulations came into force on the 7th January, 1919, and during the 3 years the following cases were notified by medical practitioners to the Medical Officer of Health :

	1921	1920	1919
Malaria	8	17	193
Dysentery	—	4	14
Acute Primary Pneumonia	47	34	12
Influenzal Pneumonia	25	22	12
Pneumonia	—	3	29
Total	80	80	260

ACUTE ENCEPHALITIS LETHARGICA AND ACUTE POLIO-ENCEPHALITIS.

These diseases became notifiable under an Order of the Local Government Board on the 1st January, 1919, and during the year 11 cases of Acute Encephalitis Lethargica were notified, 2 of which proved fatal. No case of Acute Polio-Encephalitis was known in the Borough.

OPHTHALMIA NEONATORUM.

Purulent Disease of the Eyes of Newly-born Children.

This inflammatory disease of the eyes of infants was notified in 162 instances, of which 89 were attended by Doctors and 36 by Midwives ; whilst 31 cases were reported by the London County Council, and 6 by the Health Visitors ; and as a result 111 cases were referred to Hospitals for treatment, while 51 were attended to in their homes. Midwives attended 74 cases, and undertook the care of the infants affected. As the result of visits by the Health Visitors, the Council provided Nurses in 78 cases at a cost of £66 1s. 0d. This was money well spent, for undoubtedly they have saved many eyes.

The cases occurred in the sub-registration districts as follows :

	Tuffnell.	Upper Holloway.	Tollington.	Lower Holloway.	Highbury.	Barnsbury.	Islington, South-East.	The Borough.
Cases notified by Doctor	8	10	15	7	6	20	23	89
„ „ Midwife	2*	10*	8*	10*	5*	1*	—	36
„ reported by L.C.C.	3	1	3	2	1	10	11	31
„ „ Health Visitor	—	—	—	1	—	4	1	6
„ inquired into	13	21	26	20	12	35	35	162
„ treated in Hospital	6	17	19	13	9	21	26	111
„ treated at Home	7	4	7	7	3	14	9	51
„ attended by Midwife	5	14	14	17	3	12	9	74

* Notifications which were also received from midwives, and had been notified by doctors, are not included.

Of the 162 cases investigated, both of the infants' eyes were affected in 96 instances ; while in 28 cases the right eye was involved and in 29 the left.

Some of the cases had already recovered at the time of visit by the Health Visitors ; whilst in many cases the infants were either in-patients at hospitals, or out-patients receiving hospital treatment, and in these cases the affected eyes were not examined by the Health Visitors.

TUBERCULOSIS.

During the year 761 cases of Tuberculosis in its different forms were notified. The attack-rate was equal to 2.28 per 1,000 of the civil population. This number shows a decrease of 19 on the return of the previous year, and of 0.04 per 1,000 on the attack-rate. It was also 119 below the number in 1919.

Pulmonary Tuberculosis.—652 notifications were received, of which 377 referred to males and 275 to females, and represented an attack-rate of 1.96 per 1,000. The return was a decrease of 11 on that of 1920, and 107 on 1919.

Showing the Notified Cases of Tuberculosis in the Wards during 1921.

Registration Sub-Districts.	Wards.	Pulmonary Phthisis.			Other Forms of Tuberculosis.			Grand Totals	Tuberculosis Rate per 1,000 of Population.
		Males	Females	Total	Males	Females	Total		
Tufnell ..	Tufnell ..	38	23	61	6	3	9	70	—
Up. Holloway ..	Up. Holloway ..	38	26	64	4	3	7	71	—
Tollington ..	Tollington ..	27	21	48	4	2	6	54	—
Lr. Holloway ..	Lr. Holloway ..	36	27	63	7	10	17	80	—
Highbury ..	Highbury ..	54	29	83	3	8	11	94	—
	Mildmay ..	25	15	40	2	5	7	47	—
Barnsbury ..	Thornhill ..	34	36	70	8	6	14	84	—
	Barnsbury ..	41	25	66	5	6	11	77	—
Islington, S.E.	St. Mary's ..	17	11	28	4	1	5	33	—
	Canonbury ..	32	27	59	4	6	10	69	—
	St. Peter's ..	35	35	70	6	6	12	82	—
Totals ..		377	275	652	53	56	109	761	2.28

THE PERIOD OF LIFE AT WHICH TUBERCULOSIS ATTACKED THE PERSONS NOTIFIED DURING 1921.

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.	377	2	4	18	61	195	93	4
	F.	275	1	—	24	74	132	37	7
Tubercular Meningitis ...	M.	4	2	2	—	—	—	—	—
	F.	7	3	1	2	1	—	—	—
Tabes Mesenterica ..	M.	7	—	2	4	1	—	—	—
	F.	10	1	1	2	3	3	—	—
General Tuberculosis ...	M.	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—
Other forms of Tuberculosis ...	M.	42	—	3	17	12	5	4	1
	F.	39	—	3	18	8	6	2	2
All Tubercular Diseases ...	M.	430	4	11	39	74	200	97	5
	F.	331	5	5	46	86	141	39	9
TOTALS ...		761	9	16	85	160	341	136	14
Percentages at each life period to total cases ...		100	1.2	2.1	11.2	21.0	44.8	17.9	1.8

From the above statement it will be seen how the disease attacked people at the various ages, viz. :

In every hundred cases		1.2	were under 1 year of age.
" "		2.1	were aged 1 to 5 years.
" "		11.2	were aged 5 to 15 years.
Prime of Life {	"	21.0	} 83.7 were aged 15 to 25 years were aged 25 to 45 years were aged 45 to 65 years 1.8 were aged 65 and upwards.
	"	44.8	
	"	17.9	
	"	1.8	

Showing the Notified Cases of Tuberculosis in the Quarters during 1921.

	1st Quarter.			2nd Quarter.			3rd Quarter.			4th Quarter.			The Year.		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Phthisis	132	73	205	87	68	155	78	62	140	80	72	152	377	275	652
Tubercular Meningitis ...	3	1	4	1	3	4	—	2	2	—	1	1	4	7	11
Tabes Mesenterica	—	1	1	2	4	6	1	2	3	4	3	7	7	10	17
General Tuberculosis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other forms of Tuberculosis	6	8	14	15	11	26	7	10	17	14	10	24	42	39	81
TOTALS ...	141	83	224	105	86	191	86	76	162	98	86	184	430	331	761

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

							Houses.		Rooms.	
1st quarter	...	...	...	...	...	...	78	...	95	
2nd „	...	...	...	...	...	...	62	...	76	
3rd „	...	...	...	...	...	...	46	...	58	
4th „	...	...	...	...	...	...	50	...	67	
Total	...	...	...	...	...	...	236	...	296	

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

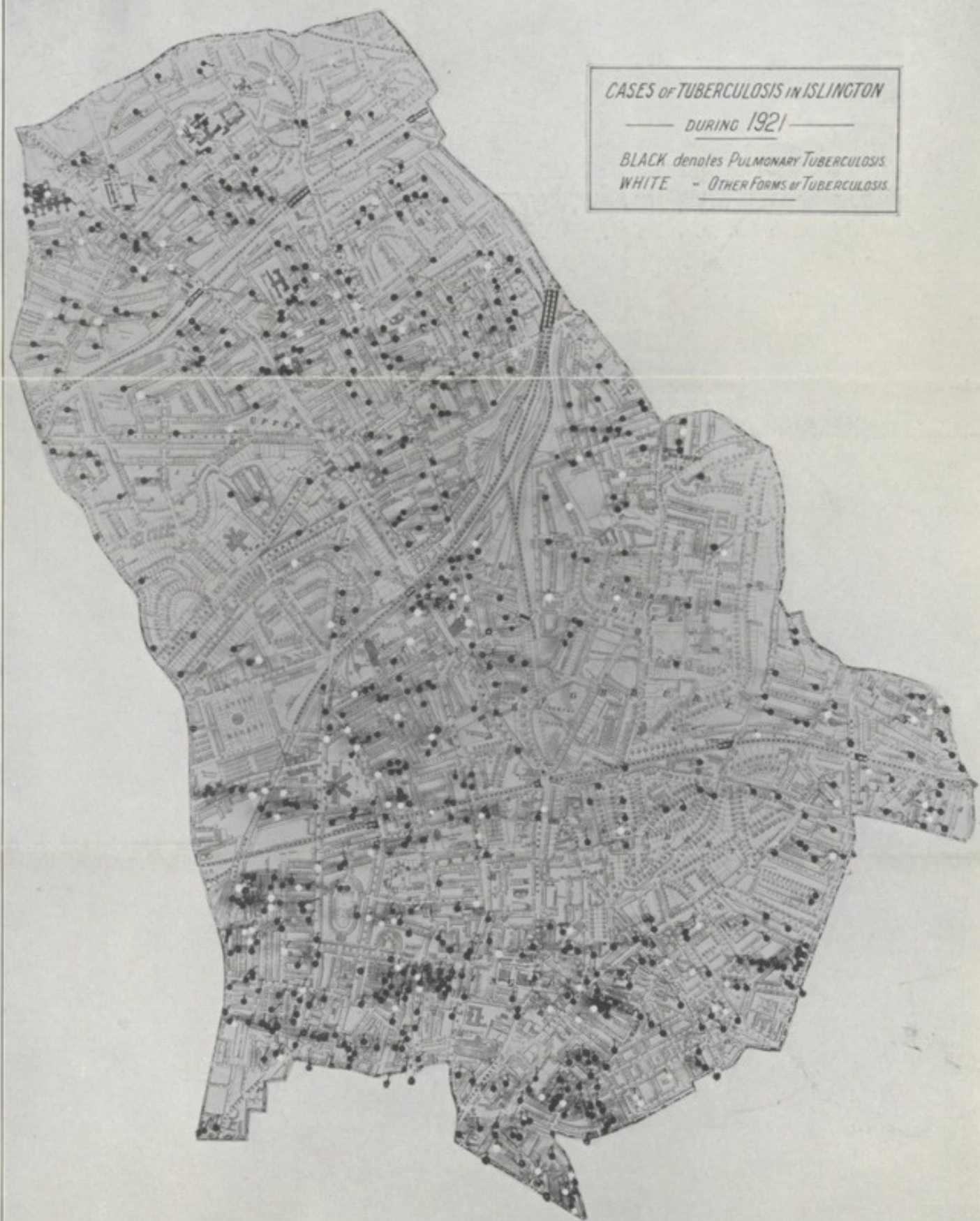
Summary of Notifications during the period from the 2nd January, 1921, to the 31st December, 1921, in the Metropolitan Borough of Islington.

Age-periods ...	Notifications on Form A.													Total Notifi- cations on Form A.
	Number of Primary Notifications.													
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and up.	Total Primary Notifi- cations		
Pulmonary Males	2	4	10	8	17	46	96	100	70	22	4	379	478	
„ Females ...	1	—	9	12	32	40	76	51	27	11	7	266	366	
Non-pulmonary Males ...	2	6	13	6	9	4	3	2	3	1	1	50	55	
„ „ Females..	4	6	11	9	5	8	7	4	1	1	2	58	67	

Age-periods ...	Notifications on Form B.					Number of Notifications on Form C.	
	Number of Primary Notifications.				Total Notifications on Form B.	Poor Law Institutions	Sanatoria.
	Un- der 5	5 to 10	10 to 15	Total Primary Notifications			
Pulmonary Males ...	—	—	—	—	—	86	242
„ Females ...	—	1	—	1	—	73	113
Non-pulmonary Males ...	—	3	—	3	4	4	18
„ „ Females.	—	1	2	3	—	11	21

CASES of TUBERCULOSIS in ISLINGTON
DURING 1921

BLACK denotes PULMONARY TUBERCULOSIS.
WHITE - OTHER FORMS of TUBERCULOSIS.





TUBERCULOSIS DISPENSARIES.

The work of the Tuberculosis Dispensaries has been very satisfactorily performed, and during the year 1,373 persons were examined by the Tuberculosis Officers, and the patients made 10,242 attendances.

At the Northern Dispensary there were 615 new cases, and at the Southern 758, while the attendances at the former were 3,212 and at the latter 7,030. The examination of contacts with tuberculous cases showed that 29 were suffering from tuberculosis, 35 were suspect, and 388 were not suffering. The nurses of the Northern Dispensary paid 1,294 visits, and those of the Southern 2,056, to the homes of the patients, while the Tuberculosis Officer of the Northern Dispensary made 182 visits, and of the Southern 301 visits to the patients' homes for the purpose of examining them.

The number of persons in attendance at them in each year since their institution is as follows :

TUBERCULOSIS.

	1916		1917		1918		1919		1920		1921	
	North Dispy	South Dispy	North Dispy	South Dispy	North Dispy	South Dispy	North Dispy	South Dispy	North Dispy	South Dispy	North Dispy	South Dispy
New Cases ...	—	312	628	717	635	872	585	756	655	760	615	758
Actual number of Attendances ...	—	944	2279	4291	3798	6511	4057	6782	3921	6895	3212	7030
Totals ...	—	1256	2907	5008	4433	7383	4642	7538	4576	7655	3827	7788

A summary of this table gives the following figures :

	Cases.	Attendances.		Cases.	Attendances.
1916	312	944	1920	1,415	10,816
1917	1,345	6,570	1921	1,373	10,242
1918	1,507	10,309			
1919	1,341	10,839	Totals ...	7,293	49,720

Table showing the number of **Tuberculous Persons** attending the Borough Tuberculosis Dispensaries and the New Cases during 1921.

Date.	Dispensary	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	TOTAL.
Attendances ...	Northern Southern	340 607	288 610	239 660	260 616	237 641	259 545	287 511	241 544	286 582	311 578	227 590	237 546	3,212 7,030	10,242
New Cases Including Contacts	Northern Southern	63 76	49 94	52 79	75 69	31 73	47 72	64 50	27 45	62 57	67 52	34 43	44 48	615 758	1,373
CONTACTS.															
Tuberculosis ...	Northern Southern	1 2	1 1	— 3	— 1	— 2	— 1	2 —	— 4	1 3	— 2	1 1	1 2	7 22	29
Suspects ...	Northern Southern	1 2	— 5	1 2	— —	— 2	— 3	— 5	— 3	2 1	— 2	2 1	1 2	7 28	35
Non-Tuberculous	Northern Southern	20 17	15 22	18 22	29 16	8 18	6 19	25 8	5 13	19 14	27 13	9 14	19 12	200 188	388
Nurses' Visits ...	Northern Southern	135 164	125 177	112 180	140 211	118 207	123 30	91 170	40 199	80 199	114 177	97 163	119 179	1,294 2,056	3,350
Tuberculosis Officers' Visits	Northern Southern	16 17	18 22	24 26	18 24	13 26	6 28	2 26	1 24	23 28	21 27	20 27	20 26	182 301	483

THE INFECTIOUS DISEASES IN THE PUBLIC ELEMENTARY SCHOOLS.

2,432 cases of the notifiable infectious diseases occurred in the Public Elementary Schools of the Borough, of which 1,653 were Scarlet Fever, and 779 Diphtheria.

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

Disease.	No. of Notifications.	Average of preceding 10 years.	Increase or Decrease.
Small Pox	—	—	—
Scarlet Fever	1,653	563	+ 1,090
Diphtheria	779	308	+ 471
Enteric Fever	—	4	— 4
Other Diseases	—	1	— 1
Total	2,432	876	+ 1,556

Non-Notifiable Diseases.—5,782 cases came to the knowledge of the Medical Officer of Health during the quarter, viz. : 617 cases of Measles, 955 cases of Chicken Pox, 687 of Whooping Cough, and 3,523 of other diseases.

The information respecting these cases was received from the teachers of 60 schools.

Exclusion of Scholars from Schools.—6,971 children were excluded from classrooms of various schools owing to the presence of an infectious disease, chiefly Diphtheria and Scarlet Fever, in the houses wherein they lived.

The non-notifiable diseases among children attending the Public Elementary Schools were :

Disease.	Notifications. by Teachers.	Average of preceding 10 years.	Increase or Decrease.
Measles	617	1,490	— 873
Chicken Pox	955	785	+ 70
Whooping Cough	687	602	+ 85
† Other Diseases	3,523	2,419	+ 1,104
	5,782	5,296	+ 386

† NOTE.—“ Other Diseases ” include Mumps, Scabies, Ophthalmia, Itch, etc.

BACTERIOLOGICAL EXAMINATIONS.

1,777 examinations were made for the medical profession of the sputum, of swabs from the throat and of the blood of patients suspected to be suffering from Phthisis, Diphtheria and Enteric Fever, respectively.

This number is an increase of 358 on that of the preceding year. It is also 687 above the decennial average.

Diphtheria.—1,207 specimens were examined for Diphtheria, of which 238, or 19.7 per cent., were found to contain Diphtheria bacilli.

Enteric Fever.—22 specimens of blood were examined, of which only 3, or 13 per cent., gave positive results.

Phthisis.—548 specimens of sputum were examined, 127, or 23 per cent., of which showed that the patients were suffering from this disease.

Showing the result of the Bacteriological Examinations made for the Diagnosis of Diphtheria, Enteric Fever and Phthisis, 1911-21.

PERIODS.	DIPHTHERIA.			ENTERIC FEVER.			PHTHISIS.			Totals.
	Positive Results.	Negative Results.	Total Examined	Positive Results.	Negative Results.	Total Examined	Positive Results.	Negative Results.	Total Examined	
1911	157	327	484	19	33	52	66	186	252	788
1912	137	298	435	23	27	50	119	341	460	945
1913	163	418	581	24	28	52	183	546	729	1,362
1914	178	518	696	15	44	59	243	567	810	1,565
1915	123	360	483	16	19	35	198	568	766	1,284
1916	127	277	404	10	12	22	135	390	525	951
1917	100	216	316	12	8	20	165	420	585	921
1918	74	171	245	3	21	24	111	358	469	738
1919	116	352	468	5	15	20	92	348	440	928
1920	261	677	938	3	20	23	83	375	458	1,419
Average 10 years ...	144	361	505	13	23	36	139	410	549	1,090
1921	238	969	1,207	3	19	22	127	421	548	1,777

VACCINATION.

Of the 8,698 births registered in 1920, the returns of vaccination show that only 4,070 infants were successfully vaccinated, while 21 were found to be insusceptible. There were also 437 who died unvaccinated, and 2,866 statutory declarations of conscientious objection to vaccination were obtained by the parents or guardians; 19 vaccinations were postponed under medical authority, thus leaving 1,285 unaccounted for. The return of certificates of exemption, therefore, represents 32.9 per cent. of the registered births.

Years.	Vaccination per 100 births, less infants who died unvaccinated.	Years.	Vaccination per 100 births, less infants who died unvaccinated.	Years.	Vaccination per 100 births, less infants who died unvaccinated.
1880	89.8	1894	84.0	1908	72.4
1881	90.8	1895	70.9	1909	70.7
1882	91.1	1896	73.9	1910	66.7
1883	90.4	1897	73.3	1911	62.3
1884	90.5	1898	64.9	1912	54.1
1885	90.6	1899	66.4	1913	51.1
1886	90.8	1900	67.9	1914	46.8
1887	90.4	1901	75.8	1915	49.0
1888	88.4	1902	80.0	1916	47.5
1889	89.0	1903	81.2	1917	46.7
1890	89.3	1904	82.3	1918	46.4
1891	87.4	1905	80.5	1919	46.0
1892	85.5	1906	79.9	1920	49.3
1893	85.0	1907	76.9		

Certificates of Exemption.—The following tabular statement shows the increase of these certificates, more especially since 1909 :

1906	123	1911	1,241	1916	1,796
1907	259	1912	1,646	1917	1,341
1908	588	1913	1,942	1918	1,027
1909	824	1914	2,124	1919	1,583
1910	1,080	1915	1,710	1920	2,866

Return furnished by the Vaccination Officers respecting the Vaccination of Children in the Sub-Registration Districts during the year 1920.

REGISTRATION SUB-DISTRICTS.	Number of Births registered in 1920.	Successfully Vaccinated.	Insusceptible of Vaccination.	Had Small Pox.	Number of Statutory Declarations of Conscientious Objection.	Died Unvaccinated.	Postponement by Medical Certificate.	Removed to other Districts.	Removed to places Unknown.	Number of Children remaining Unvaccinated, or not accounted for in Report Book.	Total Number of Certifi- cates of Primary Vaccination at All Ages received during year 1921.	Number of Statutory Declarations of Conscientious Objection received during year 1921.
	1	2	3	4	5	6	7	8	9	10	11	12
Tufnell	1078	521	4	—	358	56	1	62	30	46	1,743	1,170
Up. Holloway. ..	938	505	1	—	286	50	1	14	25	56		
Tollington ...	741	329	1	—	241	33	2	4	37	94		
Highbury ...	1184	510	5	—	432	56	3	6	44	128		
Lr. Holloway ...	1156	537	2	—	334	59	1	6	35	182	1,901	1,422
Barnsbury ...	1608	855	5	—	432	90	5	7	69	145		
Islington, S.E. ..	1993	813	3	—	783	93	6	14	80	201		
The Borough.	8698	4070	21	—	2,866	437	19	113	320	852	3,644	2,592

DISINFECTION.

Disinfection of Rooms.—4,081 rooms were disinfected, as contrasted with 2,694 in 1920. 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. For the extermination of bugs, however, all the architrave mouldings and skirting boards behind which they breed are removed, and the walls washed with hot lime.

The above figures also include the disinfection of houses and rooms after Phthisis, *vide* p. 24.

The Cleansing and Spraying of Rooms.—1,653 rooms, as contrasted with 1,586 in 1920, were cleansed and sprayed.

	Rooms Disinfected.		Rooms Sprayed.	
	1921.	1920.	1921.	1920.
1st Quarter	858	525	463	397
2nd " " " " " "	664	436	442	379
3rd " " " " " "	955	654	390	385
4th " " " " " "	1,604	1,079	358	425
The Year	4,081	2,694	1,653	1,586

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

1st Quarter. Duncombe Road L.C.C. Schools (Diphtheria).
 2nd Quarter. Nil.
 3rd Quarter. Caledonian Road L.C.C. Schools (by request).
 4th Quarter. Nil.

Work at the Disinfecting Station.—75,327 large articles of bedding, etc., as detailed below, were disinfected by the steam disinfectors, at the Council's Disinfecting Station, compared with 45,433 similar articles disinfected during the previous year.

In addition to the above articles 46,339 old or second-hand garments, mostly shirts, overcoats, jackets, tunics and trousers were disinfected for clothing contractors trading in the borough, who paid the Council for the work, amounting to the sum of £74 14s. 5d.

Altogether, 121,666 articles described in the two paragraphs preceding were disinfected, which bring the number of large articles disinfected since the disinfecting station was established to 1,763,494.

Summary of the chief articles of Clothing, Bedding, etc., disinfected during the year 1921, and also in the preceding year 1920.

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	The Year 1921	1920
Beds	937	635	971	1,677	4,220	2,992
Blankets	1,762	1,481	2,151	2,973	8,367	5,423
Bolsters	720	705	753	1,381	3,559	2,040
Carpets	—	33	44	49	126	9
Chair Bed Cushions .	—	64	106	176	346	4
Mattresses	574	588	799	1,239	3,200	1,834
Palliasces	—	18	82	47	147	8
Pillows	1,995	1,695	1,913	3,077	8,680	6,020
Quilts	845	669	747	1,376	3,637	2,411
Sheets	1,503	1,207	1,360	2,708	6,778	4,242
Other Articles	6,470	4,473	7,047	18,277	36,267	20,450
TOTALS	14,806	11,568	15,973	32,980	75,327	45,433

The nature of the articles disinfected for the clothing contractors is shown below :

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Year.
Overcoats	41	275	—	—	316
Jackets	228	1,235	172	1,453	3,088
Tunics	3	100	150	198	451
Trousers	343	3,402	244	102	4,091
Shirts	7,700	15,981	12,300	820	36,801
Blankets	100	156	—	1,000	1,256
Other Articles	12	288	36	—	336
	8,427	21,437	12,902	3,573	46,339

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. cwts.	Gallons.	cwt.	qr.	lbs.	Gallons.
To Householders	2 0	340	—	—	—	—
Disinfection of Premises	—	—	1	0	14	66

Cost = £144 10s. 0d.

Shelter House.—The Shelter House was occupied by 16 persons during the disinfection of their homes after infectious diseases. Baths were given to 14 verminous persons; and to 4 persons suffering from Scabies whilst their clothing was disinfected. Nine midwives also attended for the purpose of disinfection after attendance on cases of Puerperal Fever.

Verminous School Children.—During the year 4,635 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 2 to 40.

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 £373 9s.

Proceedings were instituted by the London County Council under Section 122 of the Children Act, 1908, in 36 instances during the year, when fines ranging from 5s. to 10s. were inflicted.

FACTORY AND WORKSHOP ADMINISTRATION.

The Medical Officer of Health submits the annual report on the manner in which the provisions of the Factory and Workshops Act, 1901, were carried out in his district during the year 1921.

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

Factories, including Factory Laundries	...	...	...	...	521
Workshops, including Workshop Laundries	...	...	...	...	814
Workplaces, other than outworkers' homes	...	...	...	...	321
Bakehouses	...	...	...	...	338
Restaurant Kitchens	...	...	...	...	254
Outworkers' premises	...	...	...	...	766
Miscellaneous re-inspections and calls	...	...	...	...	4,295
Total	...	...	...	...	7,309

Notices Served.—In consequence of the 1,248 sanitary defects discovered as the result of the inspections above; 237 intimations and 26 statutory notices were served. Of these notices 63 were served on the owners of factories, 130 on the owners of workshops, and work places, and 49 on the owners of bakehouses and restaurant kitchens. In addition to these nuisances, 131 were discovered on Outworkers' premises, necessitating the service of 44 notices.

Registers.—There were 1,691 workshops on the Register, as contrasted with 1,818 in 1920, while the total number of workrooms was 2,392 as contrasted with 2,493 in the previous year; 174 workshops were added to the Register, while 165 were removed from it.

The various workshops and workplaces are tabulated as below :

Workshops and Workplaces.	1921.			
	Total Workshops on Register.	Total Workrooms on Register.	Number added during Year.	Number removed during Year.
Workshops where Men are employed	648	958	149	85
Workshops where Women are employed	436	738	23	62
Laundries	21	54	—	5
Bakehouses	240	252	—	1
Restaurant Kitchens	346	390	2	12
Total	1,691	2,392	174	165
Outworkers' Premises	2,211	—	630	303

WORKSHOPS NOTIFIED TO HOME OFFICE, 1921.

TRADE.	Number of Workshops.	PROTECTED EMPLOYED PERSONS.		
		Women.	Male Young Persons.	TOTAL.
Blouses	3	5	—	5
Millinery	1	1	—	1
Ties	1	1	—	1
Furrier	1	1	—	1
Tailoring	2	2	—	2
Dressmaking	4	26	—	26
Artificial Flowers ..	3	42	—	42
Machine Knitting .	1	5	—	5
French Polishing...	1	2	—	2
Lamp Shades	1	5	—	5
Mantles	1	3	—	3
Children's Frocks...	1	1	—	1
Christmas Crackers	1	1	—	1
Underclothing	1	1	—	1
Rag Sorting	1	6	—	6
	23	102	—	102

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.	Number of		
(1)	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (Including Factory Laundries)	521	63	Nil
Workshops (Including Workshop Laundries)	814	84	..
Workplaces (Other than Outworkers' premises included in Part 3 of this Report)	913	95	..
Miscellaneous Re-Inspections	4,295	—	..
Total	6,543	242	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	335	314	—	Nil
Want of ventilation	23	19	—	"
Overcrowding	5	5	—	"
Want of drainage of floors	33	33	—	"
Other nuisances	406	364	2	"
Sanitary { insufficient	24	18	—	"
Accommodation { unsuitable, foul or defective	413	379	—	"
{ not separate for sexes... ..	5	5	—	"
<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)	4	7	—	"
Other offences	—	—	—	"
(Excluding offences relating to outwork which are included in Part 3 of this Report)... ..	—	—	—	"
Total	1,248	1,144†	2	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. † Defects found left over from previous year are also included in this total.

3.—HOME WORK.

*NATURE OF WORK.	OUTWORKERS' LISTS (SECTION 107).							OUTWORK IN UNWHOLESOME PREMISES (SECTION 108).			OUTWORK IN INFECTED PREMISES. (SECS. 109, 110).				
	List received from Employers.						Notices served on Occupiers as to keeping or sending lists.	Prosecutions.		Instances.	Notices served under Public Health (London) Act, 1891.	Prosecutions.	Instances.	Orders made (Section 110).	Prosecutions (Section 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.	† Out-Workers.		Lists.	Out-Workers.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Wearing Apparel—															
(1) making, etc. ...	140	168	845	20	81	59	215	—	—	12	5	—	10	10	—
(2) cleaning and washing ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Household linen ...	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Lace, lace curtains and nets ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Curtains and furniture hangings.	4	2	10	—	27	—	3	—	—	—	—	—	1	—	—
Furniture and upholstery ...	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—
Electro-plate ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
File making ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brass and brass articles...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fur pulling ...	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Cables and chains ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anchors and grapnels ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cart gear ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Locks, latches and keys ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Umbrellas, etc. ...	—	—	—	—	2	—	—	—	—	—	—	—	1	—	—
Artificial Flowers .	20	—	245	2	—	9	21	—	—	6	3	—	2	—	—
Nets, other than wire nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tents ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sacks ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Racquet and Tennis Balls	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Paper, etc., Boxes, Paper Bags .	20	—	155	5	—	16	25	—	—	2	1	—	3	—	—
Brush making ...	6	—	50	1	—	1	4	—	—	1	1	—	—	—	—
Pea picking ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Feather sorting ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Carding, etc., of buttons, etc. ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stuffed toys ...	4	—	32	—	—	—	3	—	—	—	—	—	—	—	—
Basket making ...	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Chocolates and Sweetmeats ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cosaques, Christmas Crackers,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Christmas Stockings, etc. ...	2	—	8	1	—	2	2	—	—	—	—	—	1	—	—
Textile weaving ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total ...	196	170	1353	29	112	87	273	—	—	21	10	—	19	10	—

* When an occupier gives out work of more than one of the classes specified in column 1, and sub-divides 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 column 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.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)	Number. (2)
Workshops where men are employed	648
Workshops where women are employed ..	436
Laundries	21
Bakehouses ..	240
Restaurant kitchens	346
Total Number of Workshops on Register	1,691

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) ..	19
Action taken in matters referred by H.M. Inspector ...	24
Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5, 1901). {	
Notified by H.M. Inspector ...	
Reports (of action taken) sent to H.M. Inspector	27
Other (New Factories reported under Home Office Memorandum, 1912) ...	nil
Underground Bakehouses (s. 101) in use at the end of the year .	84

DISTRICT INSPECTOR'S WORK.

The fourteen district inspectors made a total of 62,347 inspections and calls during the year, an increase of 582 inspections on the corresponding period of 1920 ; while 19,462 improvements were effected in 7,599 premises ; as against 16,611 improvements in 7 067 premises for the preceding year.

Synopsis of Inspectors' Work.—The following statement gives a brief synopsis of the district inspector's work in 1921 :

House to house inspections	630
Other inspections of dwelling houses	8,787
Re-inspections and calls made	50,573
Visits of inquiry <i>re</i> notifiable infectious diseases	4,344
Butchers' shops, stalls, etc. (Saturday nights)	43
Ice cream shops and factories	62
Dairies and Milkshops	468
Stables and yards	828
Manure depots	73
Smoke observations	84

Notices Served.—There were 4,373 intimation notices served by the inspectors with respect to nuisances, of which 876 were delivered personally, and 3,497 by post. In 534 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.—283 premises which were found to be in a verminous condition, were cleansed by the owners or occupiers upon receiving the Inspectors' intimations. In 56 instances it was necessary to remove the bedding and clothing to the Disinfecting Station for purification or destruction.

Smoke Nuisances.—114 complaints of smoke issuing from factory chimneys in the borough were investigated, and as a result of the Inspector's observation 3 notices were served upon the owners of the businesses requiring the abatement of the nuisance.

REMOVAL OF DUST.

Twenty-one applications were received during the year for the removal of dust, which is 15 below the number recorded last year.

The applications received for the previous ten years were as follows :

1911	52	1916	21
1912	47	1917	30
1913	32	1918	11
1914	26	1919	19
1915	28	1920	36

Dust Receptacles Provided.—During the year 1,776 dust receptacles were provided, while 34 were repaired after the service of sanitary notices.

Showing the summary of **Sanitary Work** from **District Inspectors' Reports**
for the year **1921.**

	DISTRICTS.														TOTALS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
House to House Inspections ...	76	8	62	57	20	89	73	12	64	71	47	14	10	27	630
Other premises inspected ...	539	875	394	818	394	512	614	697	538	752	759	695	718	482	8787
Re-inspections, Calls made, etc.	3337	3064	3663	3571	3893	3358	3995	4300	3184	3192	3538	4874	3400	3204	50573
Ice Cream Factories inspected	—	—	6	26	—	5	1	—	—	9	11	2	2	—	62
Dairies and Milkshops „	59	9	76	85	38	14	23	54	15	24	32	10	17	12	468
Stables „	17	4	12	32	52	3	22	3	—	9	1	1	14	15	185
Yards „	83	50	236	78	20	2	96	2	18	1	17	2	30	8	643
Manure Depots „	51	—	—	20	1	—	—	—	—	—	—	—	1	—	73
Vacant land, Passages and Courts inspected ...	7	—	2	1	2	1	16	1	—	3	3	—	14	3	53
Urinals attached to P.H.'s inspected ...	13	25	68	12	188	6	15	—	1	2	4	1	—	8	343
Premises (re Certificate Customs and Inland Revenue Acts) inspected ...	2	—	—	—	14	—	—	5	—	—	—	—	—	—	21
Premises (re Water Certificates) inspected ...	—	—	63	1	14	—	1	43	—	—	—	—	—	56	178
Visits re Sale of Food and Drugs Acts ...	32	21	14	33	23	—	21	22	—	—	—	—	20	18	204
Smoke observations ...	—	6	3	5	5	18	5	—	12	9	7	11	3	—	84
Shops, Stalls and Markets (Saturday evening) ...	2	2	3	2	4	2	4	3	4	4	3	5	3	2	43
Total Inspections and Calls	4218	4064	4602	4741	4668	4010	4886	5142	3836	4076	4422	5615	4232	3835	62347
NOTICES SERVED.															
Intimation { Personally ...	181	6	7	5	72	38	13	65	163	68	130	22	12	94	876
By Post ...	5	416	—	542	—	268	385	349	261	391	220	266	241	153	3497
Statutory { Personally ...	8	—	—	8	11	—	1	2	2	6	15	6	—	20	79
By Post ...	36	—	3	51	16	146	43	33	62	1	2	12	—	50	455
IMPROVEMENTS.															
Drains—															
Constructed ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reconstructed ...	6	7	8	15	7	14	2	14	—	7	5	1	25	9	120
Repaired ...	25	20	14	36	16	22	31	22	12	29	28	13	37	29	334
Ventilated ...	3	22	3	17	9	3	6	4	3	10	9	1	24	6	120
Gully and other traps fixed ...	45	73	32	72	36	12	53	41	30	9	28	1	115	29	576
Urinals—															
Water supplied, cleansed ...	—	—	6	1	—	1	1	—	2	—	1	—	—	—	12
Cesspools—Abolished ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Water Closet—															
W.C. erected with pan, trap and Water Supply ...	1	—	—	1	—	—	—	—	2	—	1	1	—	1	7
Pan and trap only provided ...	19	58	17	46	19	41	25	31	18	19	55	7	50	31	436
Water supply provided ...	49	57	16	53	54	31	54	37	73	29	34	65	47	56	655
Ventilated ...	—	1	3	2	—	—	—	1	—	1	1	2	1	1	13
Position altered ...	—	—	—	1	—	—	—	—	—	—	—	—	—	1	2
Dust Bins { Provided ...	133	136	70	192	74	97	182	181	75	162	129	183	54	108	1776
Repaired ...	1	1	—	—	8	2	7	1	2	2	8	—	—	2	34
Areas—Constructed ...															
Paved ...	—	—	4	—	—	2	3	10	—	—	3	—	—	—	22
Repaved ...	28	33	9	70	27	47	42	14	37	28	58	38	30	41	502
Sinks—Provided ...	14	12	3	9	1	—	3	5	7	2	9	—	7	6	78
Domestic Water Supply															
Cisterns provided ...	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Cisterns repaired & cleansed	24	46	31	37	14	26	29	11	21	17	31	14	9	23	333
Water supply provided to dwelling house ...	9	8	9	8	5	1	6	6	4	5	3	2	9	3	78
Water supply provided to tenement house ...	11	2	2	5	—	—	10	1	12	2	3	6	—	2	56
Other improvements—															
Rooms cleansed & limewashed	133	184	281	551	366	568	531	303	519	319	756	718	276	395	5900
Walls and passages repaired, cleansed and limewashed ...	52	55	90	180	67	128	74	74	154	103	193	185	94	143	1592
Floor space ventilated ...	6	2	7	8	2	3	2	—	15	4	28	1	4	1	83
Floors repaired ...	26	34	27	67	11	29	15	22	66	41	57	72	58	43	568
Roofs repaired ...	100	110	76	162	87	110	171	116	121	91	182	196	93	104	1719
Overcrowding abated ...	—	—	—	1	—	—	1	1	—	—	1	—	1	1	6
Illegal use of underground rooms for sleeping discontinued ...	—	—	—	2	—	—	1	—	—	—	—	—	—	—	3
Other improvements, or Nuisances abated ...	178	170	84	252	114	167	144	102	272	206	321	178	159	217	2564
Rooms Disinfected ...	219	312	226	219	142	33	118	7	22	25	3	52	283	211	1872
Total improvements ...	1082	1343	1018	2007	1059	1337	1511	1004	1467	1111	1947	1736	1376	1464	19462
Total premises improved	578	696	489	797	399	444	615	404	402	424	602	609	563	577	7599

HOUSES LET IN LODGINGS.

There were 1,033 houses under the operation of the bye-laws at the end of the year 1921 ; 855 inspections were made during the year, followed by 7,906 subsequent re-inspections and calls, so that the total visits amounted to 8,761.

These inspections resulted in 810 intimations being served on the persons responsible, which were followed by 134 statutory notices to demand the abatement of the nuisances discovered by the two inspectors especially engaged upon this work. Three summonses were taken out for non-compliance with the notices served.

Altogether, 3,931 improvements were effected in 849 premises.

Synopsis of Inspectors' Work:—

IMPROVEMENTS.	Districts.		Total.
	North.	South.	
DRAINS :			
Constructed	—	—	—
Reconstructed	—	4	4
Repaired	6	8	14
Ventilated	—	1	1
Gully and other traps fixed	5	—	5
WATER CLOSETS :			
W.C. erected with pan, trap and water supply	—	—	—
Pan and trap only provided	17	18	35
Water supply provided	26	—	26
Ventilated	—	—	—
Position altered	—	—	—
DUST BINS :			
Provided	88	70	158
Repaired	1	—	1
AREAS :			
Constructed	—	—	—
YARDS :			
Paved	2	—	2
Repaved	17	26	43
SINKS :			
Provided	4	1	5
DOMESTIC WATER SUPPLY :			
Cisterns provided	—	—	—
Cisterns repaired and cleansed	8	1	9
Water supply provided to dwelling house ...	1	—	1
Water supply provided to tenement house ...	2	4	6
OTHER IMPROVEMENTS :			
Rooms cleansed and limewashed	703	745	1,448
Walls and passages repaired, cleansed and limewashed	164	166	330
Floor space ventilated... ..	5	—	5
Floors repaired	79	79	158
Roofs repaired	149	98	247
Miscellaneous improvements	677	756	1,433
TOTAL IMPROVEMENTS	1,954	1,977	3,931
TOTAL PREMISES IMPROVED	429	420	849

RATS AND MICE (DESTRUCTION) ACT, 1919.

(9 and 10 Geo. 5. Ch. 72.)

This Act came into operation on the 1st January, 1920, to make further provision for the destruction of rats and mice.

The object of the Act is to compel any person who fails to take such steps as may from time to time be necessary and reasonably practicable for the destruction of rats and mice, on or in any land of which he is the occupier, or for preventing such land from becoming infested with rats and mice ; and renders him liable on summary conviction to a fine not exceeding Five Pounds, or where he has been served with a notice under this Act, requiring him to take such steps, not exceeding Twenty Pounds.

The following public notice was printed and circulated within the Borough by order of the Council :

Metropolitan Borough of Islington.

RATS AND MICE (DESTRUCTION) ACT, 1919.

THIS ACT CAME INTO OPERATION ON 1ST JANUARY, 1920.

PENALTIES FOR FAILURE TO DESTROY RATS AND MICE.

Any person who shall fail to take such steps as may from time to time be necessary and reasonably practicable for the destruction of rats and mice on or in any land of which he is the occupier, or for preventing such land from becoming infested with rats and mice, shall be liable on summary conviction to a fine not exceeding Five Pounds, or where he has been served with a notice under this Act requiring him to take such steps, not exceeding Twenty Pounds.

The expression "Occupier" means, in the case of land not occupied by any tenant or other person, the owner of the land.

The expression "Land" includes any buildings, and any other erection on land, and any cellar, sewer, drain or culvert in or under land.

This Act shall apply to a vessel (such as a barge on the Regent's Canal) as if the vessel were "Land" and the master of the vessel shall be deemed to be the "Occupier" thereof.

METHODS AND PREVENTIVE MEASURES.

The most effective methods for destroying rats and mice embrace the use of traps, snares, ferrets, dogs, fumigation, and the use of poisons. The safest poisons have been found to be preparations of squills and barium carbonate. Poison should be laid in such a way that human beings, domestic animals, poultry, etc., cannot obtain access to it. The laying of baits containing any poison should be carried out with the utmost care. The actual amount laid in each single rat-hole or burrow should be as small as possible to obtain the results aimed at. The position of these places should be noted, and any dead rats found afterwards should be burnt or destroyed to prevent domestic animals getting at the carcasses. Previous to the laying of poisons the owners of poultry, dogs, pigs and other animals frequenting or likely to come near places where poison has been laid should be warned, and, after an interval of a few days, all unconsumed baits should be removed and destroyed.

Attention should be specially directed to all drains, waste, food and grain stores and stacks, etc.

Persons desiring information on the subject of rat or mice destruction, or experiencing any difficulty in obtaining suitable materials for that purpose, should apply to THE MEDICAL OFFICER OF HEALTH, TOWN HALL, UPPER STREET, ISLINGTON, N.1., to whom all complaints should be addressed.

TOWN HALL, UPPER STREET, N. 1.

C. G. E. FLETCHER,

22nd January, 1920.

Town Clerk.

The temporary appointment of a Rat Officer was made by the Council on the 26th January, 1920, to carry out the provisions of the Act, and the following statement shows the work performed by him during the undermentioned periods:

SUMMARY OF WORK FROM RAT OFFICER'S REPORTS DURING THE YEARS 1920-21.

	1921	1920
Number of Streets visited	669	607
Number of Private Houses visited...	805	945
Number of Shops and Factories visited	1,034	1,326
Total Premises inspected	1,839	2,271
Found Rat Infested	1,406	1,355
Found Mice Infested	55	196
Defective Drains Repaired (Cause of Rat trouble)	45	34
Number of Complaints received	175	172

HOUSING, INSPECTIONS, ETC.

A special table will be found on page 51. See also the statement of Sanitary Inspectors' work, page 34.

Special House to House Inspections	...	...	...	...	...	630
Insanitary Houses—						
No. of premises cleansed	...	...	...	...	...	283
No. of orders issued for repairs under Section 28 by Housing Committee	...	...	...	...	...	62*
(* Relating to 132 dwelling houses.)						
No. of houses closed on notice by owner that they could not be put in habitable condition	...	...	...	...	...	12
Housing of Working Classes—						
Houses—						
(a) Erected during year (flats)	...	...	...	...	...	148
(b) In course of erection (flat tenements)	...	...	...	...	...	235
Revenue Acts—						
Certificates granted (sanitary requirements)	...	...	...	...	...	47
Water Supply to Tenement Houses—						
Premises supplied	...	...	...	...	...	63
Water certificates to new premises	...	...	...	...	...	178

STATE OF PAUPERISM IN THE BOROUGH.

During the year there was a considerable increase in Pauperism, for the number of paupers relieved weekly averaged 8,257, as contrasted with 5,620 in 1920 and 4,872 in 1919.

Appended is a statement furnished by the Clerk to the Islington Guardians:

Showing the State of Pauperism in the Borough during the year 1921.

Quarters.	Average number Relieved during each week.							Borough Death rates, 1921.
	Indoor Paupers, Adults and Children.	Outdoor Paupers.		Totals.	Totals correspond- ing periods 1920.	Vagrants Relieved.	Children Boarded out.	
		Adults.	Children under 16.					
1	2	3	4	5	6	7	8	9
1st Quarter ..	2,850	3,224	3,122	6,346	5,211	No Wards	56	15.04
2nd „ ...	2,802	3,246	3,508	6,754	5,251		66	11.34
3rd „ ...	2,862	4,363	4,158	8,521	5,192		69	10.90
4th „ ...	2,891	6,032	5,376	11,408	6,825		71	15.18
The Year ...	2,851	4,216	4,041	8,257	5,620	—	65	13.12

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

Food—Inspection of.—Inspector Wilkinson reports that during the year he has paid 925 visits to the 18 SLAUGHTER HOUSES now on the register, including one Horse Slaughter House, and that he has ascertained that 14,378 animals were killed therein, namely, 736 oxen and cows, 27 calves, 12,395 sheep and lambs, 116 pigs and 1,104 horses for human consumption, chiefly for export, and none of the latter was consumed within the Borough. These were mostly found of good quality and free from disease, the few exceptions are set out in the table on page 39.

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	—	3	2	8*
Diseased or unsound meat, etc., from other sources	—	4	1	16
Bacon	—	1	1	20
Fish	1	13	3	22
Cheese	—	2	0	10
Geese	—	—	2	12
Eggs	—	—	—	7
Rabbits	—	1	2	24
Fruit, Vegetables, etc.	2	11	0	3
Unwholesome Fruit Pulp	3	4	0	0
Unsound tinned foods (various)	5	11	1	13
Total	13	14	0	23

* Of this quantity 2 qrs. 14 lbs. was Tuberculous.

The total amount of unsound or diseased meat, fish, fruit and other food destroyed was 13 tons 14 cwts. 0 qr. 23 lb. The diseases which affected animal food are set out in detail on page .

Shops, etc., Inspection of.—The number of shops and places where foodstuffs are sold may be approximated for the year as follows :

Butchers, provision dealers, etc., shops, 206 ; meat, provisions, rabbits, tinned foods, etc., stalls, 22 ; food preparation establishments, 16 ; fish shops, 100 ; fish stalls, 12 ; fruit shops, 190 ; and about 60 fruit, etc., stalls and barrows. To these 17,246 visits were paid, apportioned as follows :

Butchers, Provision Dealers, etc., Shops	6,997 visits.
Food Preparation Establishments... ..	311 „
Butcher, Provision, etc., Stalls	1,325 „
Fish Shops	1,624 „
Fish Stalls	673 „
Fruit Shops	2,456 „
Fruit Stalls	3,860 „
Total	17,246 „

Prosecutions.—A juvenile was found exposing unsound pears for sale on a barrow at the Metropolitan Cattle Market on behalf of his father who was not present at the time, and summonses were taken out against the father and the son. On the case being heard, the father did not appear, as it was said he had been called up by the Army owing to the coal strike. The summonses were therefore adjourned *sine die*.

Cowsheds.—There are 4 cowsheds within the Borough, and these received 42 visits and were found generally satisfactory.

Offensive Trades include 4 tripe dressers, 2 gut scrapers, and the knackers' yard which received a total of 61 visits. No serious complaint was recorded against them.

Tabulation of meat and organs diseased or unsound as discovered in slaughter-houses during the year 1921 :

No. of Cases.	Description of Animal Affected.	Nature of Disease or Affection.	Extent of Disease.	How disposed of.
6	Pig	Tuberculosis	Head	Council's Destructor
1	Sheep	Moribund	Carcase	Do.
3	Fœtus of Heifer	Immature	Entirely unwholesome	Do.
9	Ox	Parasitic (Dis. Hep.)	Liver	Do.
2	Ox	Abscess	Liver	Do.

Milkshops and Dairies.—At the close of the year there were 625 milkshops and dairies on the register, 25 having been added to it, while 8 were removed.

They received 468 visits from the District Sanitary Inspectors, who served 44 notices, for the execution of various sanitary improvements and the cleansing of dirty utensils.

ADULTERATION OF FOOD AND DRUGS.

During the year 1,201 samples of foods and drugs were submitted for analysis by the Food and Drugs Inspector and the District Inspectors, who purchased the samples for submission to our Analyst, Dr. F. L. Teed, and to the additional Analyst, Mr. A. Pinchin, B.Sc. Of the total samples, 1,141 were reported to be genuine, and 60 adulterated, or 4·9 per cent. This percentage is 1·2 higher than in the previous year, and 3·2 per cent. below the average rate during the preceding 10 years.

The greatest amount of adulteration occurred in the first and fourth quarters of the year, as is seen by the statement given below, when it was 5·4 and 7·7 per cent. respectively, and contrasted with 3·3 and 3·7 per cent. respectively in the second and third quarters.

	Examined.	Genuine.	Adulterated.	Per cent.
1st Quarter ...	260	246	14	5·4
2nd „ ...	307	297	10	3·3
3rd „ ...	320	308	12	3·7
4th „ ...	314	290	24	7·7
The Year ...	1,201	1,141	60	4·9

Prosecutions.—37 summonses were issued under the Sale of Food and Drugs Act, of which 25 were successfully prosecuted. Altogether penalties and costs to the amount of £63 5s. 6d. were obtained.

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

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	151	8·83	3·34	12·17
Milk purchased on week-days	371	8·79	3·37	12·16
Milk procured in transit at Finsbury Park Station ..	122	8·91	3·73	12·64
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.	Adulterated.	Percentage Adulterated.
On Sundays ...	151	145	6	4·0
On Week-days ...	371	342	29	7·8
At Railway Stations (Farmers' Milks)	122	118	4	3·3
	<u>644</u>	<u>605</u>	<u>39</u>	<u>6·0</u>

Giving the particulars of the **Milks** taken during each quarter of 1921 on Sundays, Week-days, and at the Railway Stations.

1921	No. of Samples Taken.				Genuine.				Adulterated.				Per cent. Adulterated.			
	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 ...	40	102	32	174	37	94	31	162	3	8	1	12	7.5	7.8	3.1	6.9
2nd " ...	41	83	30	154	40	77	29	146	1	6	1	8	2.4	7.2	3.3	5.2
3rd " ...	40	90	30	160	40	82	30	152	—	8	—	8	—	8.9	—	5.0
4th " ...	30	96	30	156	28	89	28	145	2	7	2	11	6.6	7.3	6.6	7.0
The Year ...	151	371	122	644	145	342	118	605	6	29	4	39	4.0	7.8	3.3	6.0

The number of samples of milk purchased was 644, of which 605 were genuine and 39, or 6.0 per cent. were adulterated.

The return of the samples of milk reported as adulterated by the Public Analyst, is given in the following tabular statement :

MILK ADULTERATION.

	Samples Analysed.	Genuine.	Adulterated.	Per cent. Adulterated.		Samples Analysed.	Genuine.	Adulterated.	Per cent. Adulterated.
1892	171	139	32	18.7	1909	605	563	42	6.9
1893	213	173	40	18.7	1910	621	563	58	9.3
1894	206	169	37	17.9	1911	601	542	59	9.8
1895	413	343	70	16.9	1912	606	573	33	5.4
1896	468	418	50	10.6	1913	600	555	45	7.5
1897	513	464	49	9.5	1914	595	539	56	9.4
1898	543	492	51	9.4	1915	605	531	74	12.2
1899	532	477	55	10.3	1916	599	506	93	15.5
1900	541	485	56	10.3	1917	592	526	66	11.1
1901	632	556	76	12.0	1918	634	537	97	15.3
1902	586	528	58	9.9	1919	638	579	59	9.2
1903	508	458	50	9.8	1920	642	605	37	5.7
1904	600	553	47	7.8					
1905	594	549	45	7.6	Totals ...	15,693	14,092	1,601	10.2
1906	634	560	74	11.8					
1907	597	557	40	6.7	1921	644	605	39	6.0
1908	604	552	52	8.6					

Showing the analyses of 13,139 milks examined in Islington during the 22 years 1899-1920 and 1921 and distinguishing those purchased on Sundays, on Week-days, and procured at the Railway Stations whilst in transit from the Farmer to the London Milk Purveyor.

Years.	Sunday Milks.			Week-day Milks.			Railway Milks (Farmers).		
	No. of Samples	Per cent. of non-fatty solids.	Per cent. of fat.	No. of Samples	Per cent. of non-fatty solids.	Per cent. of fat.	No. of Samples	Per cent. of non-fatty solids.	Per cent. of fat.
1899 ...	181	8.49	3.50	231	8.53	3.58	120	8.82	4.23
1900 ...	196	8.64	3.62	224	8.55	3.53	121	8.75	3.93
1901 ...	196	8.56	3.64	295	8.60	3.49	141	8.77	3.69
1902 ...	192	8.59	3.60	274	8.64	3.51	90	8.76	3.85
1903 ...	167	8.42	3.86	218	8.47	3.74	120	8.66	3.90
1904 ...	164	8.52	3.78	317	8.48	3.74	120	8.62	3.97
1905 ...	161	8.55	3.68	323	8.51	3.72	112	8.66	3.87
1906 ...	195	8.49	3.58	332	8.52	3.59	110	8.75	3.69
1907 ...	150	8.64	3.63	327	8.65	3.76	120	8.77	3.96
1908 ...	160	8.58	3.69	324	8.58	3.52	120	8.73	3.88
1909 ...	159	8.66	3.67	326	8.85	3.62	120	8.74	3.86
1910 ...	160	8.57	3.55	336	8.50	3.44	125	8.76	3.74
1911 ...	160	8.57	3.63	320	8.54	3.65	121	8.71	3.92
1912 ...	160	8.70	3.67	326	8.76	3.61	120	8.84	3.86
1913 ...	162	8.74	3.56	318	8.72	3.52	120	8.92	3.80
1914 ...	155	8.60	3.42	320	8.71	3.52	120	8.88	3.78
1915 ...	165	8.64	3.43	320	8.76	3.49	120	8.86	3.67
1916 ...	160	8.60	3.53	319	8.56	3.43	120	8.83	3.63
1917 ...	150	8.63	3.45	322	8.60	3.41	120	8.84	3.59
1918 ...	136	8.39	3.60	377	8.44	3.53	121	8.61	3.65
1919 ...	166	8.56	3.56	331	8.56	3.61	141	8.67	3.68
1920 ...	162	8.71	3.42	338	8.76	3.52	142	8.86	3.66
Total samples and average constituents (22 years).	3,657	8.58	3.59	6,818	8.31	3.57	2,664	8.76	3.81
1921 ...	151	8.83	3.34	371	8.79	3.37	122	8.91	3.73

Showing the Samples of Foods and Drugs submitted to the Public Analyst during the year 1921.

Description.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Totals.	Genuine.					Adulterated.				
						1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Totals.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Totals.
Milk	171	153	157	150	631	161 ^a	145 ^a	149 ^a	139 ^a	594	10 ^a	8 ^a	8 ^a	11 ^a	37
Milk (skim)	2	—	—	—	2	—	—	—	—	—	2 ^a	—	—	—	2
Milk (separated)	1	1	3	6	11	1 ^a	1 ^a	3 ^a	6 ^a	11	—	—	—	—	—
Butter	31	55	63	70	219	31	55	63	67	216	—	—	—	3	3
Lard	8	5	6	5	24	7	5	6	5 ^d	23	1	—	—	—	1
Dripping	4	5	5	5	19	4	5	4	5 ^d	18	—	—	1 ^c	—	1
Coffee	5	7	12	7	31	5	7	12	7	31	—	—	—	—	—
Cocoa	8	7	9	13	37	8	7	9	1	37	—	—	—	—	—
Ground Ginger	1	4	4	—	9	1	4	4	—	9	—	—	—	—	—
Self-Raising Flour	1	5	2	1	9	1 ^b	5 ^b	2 ^b	1 ^b	9	—	—	—	—	—
Mustard	3	2	5	—	10	3	1	5	—	9	—	1	—	—	1
Pepper	6	8	6	4	24	6	8	6	4	24	—	—	—	—	—
Baking Powder	2	1	—	—	3	2 ^b	1 ^b	—	—	3	—	—	—	—	—
Malt Vinegar	—	—	2	16	18	—	—	1	11	12	—	—	1	5	6
Vinegar	—	1	3	3	7	—	1	3	3	7	—	—	—	—	—
Arrowroot	2	7	3	7	19	2	7	3	7	19	—	—	—	—	—
Desiccated Cocoanut	1	—	—	—	1	1	—	—	—	1	—	—	—	—	—
Cocoa Powder	1	—	—	—	1	1	—	—	—	1	—	—	—	—	—
Rice	1	7	3	3	14	1	7	3	3	14	—	—	—	—	—
Demerara Sugar	1	—	—	—	1	1	—	—	—	1	—	—	—	—	—
Cheese	—	10	10	10	30	—	10	10	10	30	—	—	—	—	—
Yeast	—	5	1	—	6	—	5	1	—	6	—	—	—	—	—
Condensed Milk (full cream)	—	1	—	—	1	—	1	—	—	1	—	—	—	—	—
Crushed Linseed	—	4	2	—	6	—	4	2	—	6	—	—	—	—	—
Frozen Liquid Eggs	—	—	—	2	2	—	—	—	1	1	—	—	—	1	1
Melange	—	—	—	1	1	—	—	—	—	—	—	—	—	1	1
Sodium Bicarbonate	1	—	—	—	1	1	—	—	—	1	—	—	—	—	—
Olive Oil	—	3	8	1	12	—	3	8	1	12	—	—	—	—	—
Carbonate of Magnesia	—	2	—	—	2	—	2	—	—	2	—	—	—	—	—
Cream of Tartar	—	2	1	—	3	—	2	—	—	2	—	—	1	—	1
Camphorated Oil	—	2	4	—	6	—	1	4	—	5	—	1	—	—	1
Almond Oil	—	—	1	—	1	—	—	1	—	1	—	—	—	—	—
Margarine	250	297	310	304	1,161	237	287	299	283	1,106	13	10	11	21	55
	10	10	10	10	40	9	10	9	7 ^d	35	1	—	1	3 ^d	5
TOTALS	260	307	320	314	1,201	246	297	308	290	1,141	14	10	12	24	60

^a All samples free from Boric Acid and Formalin.

^b Conformed with the Local Government Board's recommendations as to Arsenic and Calcium Sulphate.

^c Contrary to Sale of Food Order, 1921.

^d All samples conformed with Sale of Food Order, 1921.

MILK PROSECUTIONS.

The summary of prosecutions showed that during the year 34 prosecutions were taken, of which number 18 were successful, and 15 were dismissed, while one was withdrawn.

Summary of Prosecutions during year 1921.

	Total Prosecutions.	Successful.	Dismissed.	Withdrawn.	Amount of Penalties Received.
" Public Health (London) Act, 1891 "	45	40	1*	4†	£ 120 s. 19 d. 0
" Sale of Food and Drugs Acts, 1875-99 "	37	25	11§	1||	63 5 6
" Margarine Act, 1887 "	Nil	—	—	—	—
TOTAL	82	65	12	5	184 4 6

* Summons dismissed on a point of law.

† Withdrawn upon payment of costs.

§ Warranties were established in eight cases ; one summons was dismissed on a point of law, while two were alternative summonses.

|| Summons withdrawn owing to smallness of percentage of adulteration.

APPENDIX.

VITAL AND SANITARY STATISTICS, 1921.

TOGETHER WITH THE
PRESCRIBED RETURNS OF THE MINISTRY OF HEALTH

AND

Abstracts for Previous Years.

STATISTICAL APPENDIX.

TABLE A.

Showing the **Deaths from all Causes** in Islington during the Year 1921

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

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-	Tot.			U.H.	Toll.	L.H.	H.	B.	S.E.					
	Small Pox																											
	(a) Vaccinated ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(b) Unvaccinated ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(c) No Statement ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	Measles ...	5	22	—	—	—	—	—	—	—	—	—	—	—	27	—	—	—	1	10	1	7	8	16	11	27	—	
2	Scarlet Fever ..	—	2	10	4	—	1	—	1	—	1	—	—	—	2	17	2	2	—	2	2	3	8	10	9	19	—	
	Typhus Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	Epidemic Influenza ...	2	3	—	1	2	3	9	15	18	13	14	8	5	5	88	11	15	5	17	18	11	16	43	50	93	—	
10	Whooping Cough ...	22	19	1	1	—	—	—	—	—	—	—	—	—	41	2	1	4	3	5	10	8	12	23	20	43	—	
3	Diphtheria ...	3	47	47	10	1	1	—	—	1	—	—	—	—	50	60	8	31	8	11	11	7	34	61	49	110	—	
	Enteric Fever ...	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	1	—	—	—	
	Asiatic Cholera ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	Diarrhoea, Dysentery...	48	6	1	—	—	—	1	—	1	—	—	5	—	54	8	4	5	7	13	8	12	13	30	32	62	—	
3	Epidemic Enteritis ...	16	3	2	—	—	—	1	—	—	—	—	—	—	19	4	7	2	4	4	—	2	4	15	8	23	—	
3	Other Allied Diseases...	***3	***3	—	—	—	—	*1	—	*1	—	—	—	—	6	2	—	—	1	1	1	4	1	4	4	8	—	
	Hydrophobia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Glanders ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Tetanus ...	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	1	—	—	1	
	Anthrax ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Cow Pox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	Syphilis ...	10	—	—	—	—	—	—	1	—	2	—	—	—	10	3	1	—	1	2	5	1	3	7	6	13	—	
	Gonorrhoea ...	1	—	—	—	—	—	—	1	—	2	—	—	—	1	3	—	1	1	—	1	—	1	3	1	4	—	
	Phagedena ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	Erysipelas ...	—	—	—	—	—	—	—	1	1	1	1	1	—	—	5	—	—	1	1	1	—	2	3	2	5	—	
4	Puerperal Fever ...	—	—	—	—	—	1	8	3	—	—	—	—	—	12	—	—	1	1	1	5	3	1	—	12	12	—	
4	Pyæmia ...	2	—	1	—	—	—	1	3	2	3	—	—	2	2	12	3	2	—	2	3	2	2	6	8	14	—	
11	Infective Endocarditis ...	—	—	—	—	—	5	6	7	1	1	1	—	—	—	21	—	2	2	4	2	6	5	8	13	21	—	
5	Other Allied Diseases...	—	—	—	1	1	—	2	2	1	1	—	—	—	—	8	—	1	—	1	1	1	4	5	3	8	—	
	Malarial Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Rheumatic Fever ...	—	—	1	4	1	1	2	1	1	1	1	—	—	13	1	2	2	3	3	2	—	5	8	13	—		
	Rheumatism of Heart.	—	—	—	2	—	1	1	—	—	—	—	—	—	—	4	—	1	—	—	1	—	2	1	3	4	—	
10	Tuberculosis of Brain .	8	10	5	1	—	—	1	—	—	—	—	—	—	18	7	4	3	3	3	1	5	6	10	15	25	—	
	Tuberculosis of Larynx	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
89	Phthisis ...	5	6	2	7	27	39	66	75	74	39	11	4	—	11	344	40	50	29	40	53	50	93	197	158	355	—	
7	Abdominal Tubercu-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	losis ...	2	3	1	1	2	3	—	1	1	—	1	—	—	5	10	—	3	1	1	4	2	4	4	11	15	—	
1	General Tuberculosis .	—	2	1	—	—	—	—	1	—	—	—	—	—	2	2	1	—	—	—	1	1	1	1	3	4	—	
3	Other forms Tubercu-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	losis ...	—	2	1	1	1	—	3	1	—	—	1	1	—	2	9	—	2	—	2	2	1	4	5	6	11	—	
	Other Infective Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Thrush ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Actinomycosis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Hydatid Diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Scurvy ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Other Diseases due to	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Altered Food ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Acute Alcoholism ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Chronic Alcoholism ...	—	—	—	—	—	—	1	—	—	—	1	—	—	—	2	—	—	—	1	—	—	1	1	1	2	—	
	Chronic Industrial Pois-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	onings ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Other Chronic Poison-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	ings ...	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	1	1	
	Osteo-arthritis .	1	—	—	—	1	—	—	—	1	4	7	4	—	1	17	—	2	1	5	3	3	4	8	10	18	—	
	Gout ...	—	—	—	—	—	—	—	—	1	—	3	—	—	—	4	—	1	—	—	1	—	2	2	2	4	—	
1	Cancer ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
149	Diabetes Mellitus ...	2	—	1	—	1	—	10	34	98	140	131	52	6	2	173	58	62	40	39	81	79	116	221	54	475	—	
	Purpura Hæmorrhagi-	—	—	—	—	—	—	1	3	2	7	10	—	—	—	25	3	3	2	3	4	3	7	7	18	25	—	
	ca ...	2	—	—	—	—	—	—	—	1	—	1	—	—	2	2	1	—	—	1	1	—	1	—	4	4	—	
	Hæmophilia ...	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	1	1	—	
	Anæmia ...	1	—	1	2	—	1	2	4	2	2	5	1	—	1	20	1	—	2	3	3	5	7	10	11	21	—	
	Lymphadenoma ...	—	—	1	—	—	—	2	1	—	—	1	—	—	—	5	1	—	1	—	1	—	2	5	—	5	—	
	Premature Birth ...	107	1	—	—	—	—	—	—	—	—	—	—	—	108	—	12	10	9	12	21	22	22	60	48	108	—	
	Injury at Birth ...	10	—	—	—	—	—	—	—	—	—	—	—	—	10	—	2	3	—	—	—	—	—	—	—	—	—	
	Debility at Birth ...	9	—	—	—	—	—	—	—	—	—	—	—	—	9	—	1	—	—	2	2	1	3	5	4	9	—	
	Atelectasis ...	12	—	—	—	—	—	—	—	—	—	—	—	—	12	—	2	—	—	1	3	2	3	6	6	12	—	
	Congenital Defects ...	29	1	1	—	—	—	—	—	—	—	—	—	—	30	1	1	2	4	6	5	8	5	21	10	31	—	
	Want of Breast Milk ..	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	1	—	—	—	
	Atrophy, Debility, Mar-	—	—	—	—																							

* Cerebro-Spinal Meningitis.

† Post Basic Meningitis.

‡ Chicken Pox.

|| Encephalitis Lethargica.

§ Poliomyelitis.

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-	Tot.			U.H.	Toll.	L.H.	H.	B.	S.E.				
1 1 2 1 3 5 145 20 73 18 38 8 3 1 5 45 7 5 1 6 27	Dentition	2	1	—	—	—	—	—	—	—	—	—	—	3	—	—	2	—	1	—	—	2	2	1	3	1	3
	Rickets	2	3	—	—	—	—	—	—	—	—	—	—	5	—	—	—	1	1	—	3	2	2	2	1	5	
	Old Age, Senile Decay	—	—	—	—	—	—	—	—	2	59	188	76	325	37	41	27	30	58	61	71	117	208	325	—	—	
	Convulsions	12	—	1	—	—	—	—	—	—	—	—	—	12	1	2	1	1	6	2	1	5	8	13	—	—	
	Meningitis	—	2	1	1	3	1	1	—	—	—	—	—	3	7	—	2	1	3	1	3	1	4	6	10	—	
	Encephalitis	—	—	1	—	—	—	—	—	1	—	—	—	2	—	—	1	—	—	—	—	1	1	1	2	—	
	Apoplexy	—	1	1	—	1	—	1	4	17	32	70	32	3	161	17	18	20	18	23	24	42	65	97	162	—	
	Softening of Brain ...	—	—	—	—	—	—	—	—	1	2	—	—	—	3	—	—	—	1	2	—	—	2	1	—	—	
	Hemiplegia	1	—	—	—	—	—	—	1	1	6	7	5	1	21	2	2	4	1	2	5	6	13	9	2	—	
	General Paralysis of the Insane	—	—	—	—	—	1	1	10	9	9	2	—	—	32	7	1	2	6	5	7	4	27	5	32	—	
	Other forms of Insanity	—	—	—	—	—	1	2	1	3	4	2	—	—	13	3	1	—	1	2	—	6	6	7	13	—	
	Chorea	—	1	—	—	—	—	—	—	2	1	2	—	—	1	—	—	—	—	1	—	—	—	1	—	—	
	Cerebral Tumour ...	—	—	—	1	—	—	—	2	1	1	2	—	—	7	1	—	1	2	—	2	1	1	6	7	—	
	Epilepsy	—	—	—	1	4	—	2	2	4	3	2	—	—	18	—	2	3	5	3	3	2	6	12	18	—	
	Laryngismus Stridulus	—	—	—	—	—	—	—	—	5	4	5	—	—	14	1	2	—	5	2	2	2	13	1	14	—	
	Locomotor Ataxy ...	—	—	—	—	—	—	—	—	5	4	5	—	—	14	1	2	—	5	2	2	2	13	1	14	—	
	Paraplegia	1	—	—	—	1	—	—	3	6	9	11	2	—	32	5	6	4	2	6	1	9	17	16	33	—	
	Other forms, Brain Dis- eases	—	1	—	—	—	3	—	—	3	2	4	1	—	14	2	—	3	2	3	2	3	9	6	15	—	
	Otitis	1	3	3	1	2	—	1	—	—	—	1	—	—	4	8	—	4	1	2	1	2	8	4	12	—	
	Disease of Nose, Epist- axis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Disease of Eye	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	
	Pericarditis	—	—	—	1	2	—	—	—	—	—	1	—	—	4	—	1	—	—	—	2	1	3	1	4	—	
	Endocarditis	—	—	—	—	—	1	2	1	2	4	4	4	2	20	1	1	2	2	1	6	7	9	11	20	—	
	Hypertrophy of Heart.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Angina Pectoris ...	—	—	—	—	—	—	—	—	1	2	1	3	1	8	2	1	—	3	—	2	6	2	8	—	—	
	Aneurism	—	—	—	—	—	—	2	3	6	4	—	—	—	15	1	—	2	2	5	3	14	1	15	8	—	
	Senile Gangrene ...	—	—	—	—	—	—	—	1	3	2	1	4	—	8	—	1	—	1	2	3	1	5	3	8	—	
	Embolism, Thrombosis	1	—	—	—	—	—	—	1	2	6	6	9	2	26	4	1	3	3	5	6	5	13	14	27	—	
	Phlebitis	—	—	—	—	—	—	—	1	—	1	1	1	—	4	—	1	1	—	—	2	—	2	2	4	—	
	Varicose Veins ...	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	1	—	—	1	—	1	—	
	Other Diseases, Heart and Vessels	7	—	2	6	7	6	10	33	58	109	185	115	26	7	557	69	63	57	43	90	77	165	276	288	564	
	Laryngitis	2	2	1	—	—	—	—	—	1	—	—	—	—	4	2	1	1	—	1	1	1	2	4	6	—	
	Croup	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	1	—	1	—	
	Other Diseases, Larynx and Trachea ...	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	
	Acute Bronchitis ...	14	9	—	—	—	—	1	4	10	8	25	21	4	23	73	4	13	10	11	16	14	28	44	32	91	
	Chronic Bronchitis ...	12	6	—	—	1	—	3	6	17	36	79	64	10	18	216	20	15	14	28	35	57	65	107	127	234	
	Lobar Pneumonia ...	2	11	4	—	2	2	7	9	13	11	11	5	—	13	64	6	8	11	14	11	10	17	48	29	77	
	Lobular Pneumonia ...	76	46	5	2	1	2	2	5	10	10	13	12	2	122	64	10	14	14	35	30	41	42	102	84	186	
	Pneumonia	12	9	2	1	2	1	1	9	6	9	12	4	1	21	48	7	4	7	6	13	7	25	42	27	69	
Emphysema, Asthma ...	—	—	—	—	—	—	—	1	1	5	4	2	—	—	17	4	—	—	4	—	2	7	9	8	17		
Pleurisy	2	2	—	—	—	—	1	1	—	1	3	—	—	4	6	1	—	—	3	3	2	1	4	6	10		
Other Diseases, Respir- atory System ...	2	3	2	—	—	2	3	—	5	2	—	—	1	5	15	1	3	2	—	4	3	7	12	8	20		
Diseases of Mouth and Annexa	—	—	1	—	—	—	1	1	—	—	—	—	—	3	—	1	—	1	—	1	—	3	—	3	—		
Diseases of Pharynx ...	—	—	2	—	—	—	—	—	1	—	—	—	—	3	—	2	—	—	—	—	1	2	1	3	—		
Diseases of Oesophagus	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	1	—	1	—	1	—		
Ulcer of Stomach and Duodenum	—	—	—	—	—	1	2	7	7	3	4	2	—	26	3	1	3	8	5	3	3	20	6	26	—		
Other Diseases of the Stomach	9	—	1	—	—	1	—	—	1	3	1	—	—	9	7	2	2	1	1	3	1	6	9	7	16		
Enteritis	74	14	2	—	—	—	2	1	2	4	3	1	—	88	13	4	7	11	18	16	21	24	57	44	101		
Appendicitis	—	3	3	1	6	1	1	—	6	2	1	1	—	3	22	5	1	5	2	3	4	5	16	9	25		
Obstruction of Intes- tine	8	1	2	—	—	—	3	2	4	8	7	6	1	9	33	2	8	5	5	3	5	14	20	22	42		
Other Diseases of In- testine	1	—	—	—	—	—	1	1	—	2	1	—	—	1	5	1	—	1	1	2	1	3	3	6	—		
Cirrhosis of Liver ...	—	—	—	—	—	—	1	1	3	9	—	2	—	16	1	3	—	4	3	3	2	10	6	16	—		
Other Diseases of Liver	1	—	—	—	—	—	1	1	1	2	3	1	—	1	9	1	—	3	2	2	2	4	6	10	—		
Peritonitis	1	—	—	2	—	—	—	—	2	1	1	—	—	1	6	1	—	—	1	1	4	3	4	7	—		
Other Diseases, Digest- ive System	—	—	—	—	—	—	—	—	—	—	1	—	—	1	1	—	—	—	—	—	—	—	—	—	—		
Diseases, Lymphatic System and Glands ..	—	—	—	—	—	2	—	2	2	4	3	1	—	14	2	1	1	6	2	—	2	6	8	14	—		
Acute Nephritis	—	—	—	—	1	—	—	2	3	2	2	—	—	10	—	—	3	—	1	1	5	5	5	10	—		
Bright's Disease	—	—	—	1	1	1	2	6	22	23	30	13	2	101	6	17	6	11	23	11	27	50	51	101	—		
Calculus	—	—	—	—	—	—	—	1	1	1	3	—	—	6	—	—	—	2	1	—	3	3	3	6	—		
Diseases of Bladder and Prostate	—	—	—	—	—	1	—	—	2	8	10	9	3	33	2	5	3	5	5	3	10	32	1	33	—		
Other Diseases, Urinary System	—	1	1	—	—	—	2	—	3	3	4	2	2	1	17	3	1	2	1	2	3	6	10	8	18		
Diseases of Testis and Penis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diseases of Ovaries ...	—	—	—	—	—	—	—	—	1	1	1	—	—	—	4	1	1	—	1	1	—	—	—	—	—		
Diseases of Uterus and Appendages	—	—	—	—	—	1	1	1	—	—	1	—	—	—	—	—	—	1	1	1	—	—	—	—	—		
Diseases of Vagina and External Genitals ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diseases of Breast ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Abortion, Miscarriage.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Puerperal Mania	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Puerperal Convulsions	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Placenta Prævia, Flood- ing	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—		

* Cerebro-Spinal Meningitis.

† Post Basic Meningitis.

‡ Chicken Pox.

|| Encephalitis Lethargica.

§ Poliomyelitis.

TABLE A.—Continued.

Deaths in Institutions within Boerueh.	DISEASES.	AGES.														Under 5.	Over 5.	DISTRICTS.								Males.	Female.	Total.
		0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85-	Tot.			U.H.	Toll.	L.H.	H.	B.	S.F.					
15	Puerperal Thrombosis.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Other Diseases, Preg- nancy and Childbirth	—	—	—	—	—	—	—	2	—	—	—	—	—	—	2	1	—	—	—	—	1	—	—	2	2		
	Arthritis, Ostitis, Peri- ostitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Other Diseases, Osseous System	—	1	—	1	—	—	—	—	1	—	—	—	—	—	1	2	1	—	—	—	1	1	—	1	2	3	
	Ulcer, Bed-sore	—	—	—	—	—	—	—	—	—	—	—	5	—	—	3	1	—	—	—	1	1	—	2	1	3		
	Eczema	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	1	13		
	Pemphigus	3	1	—	—	—	—	—	—	—	—	—	1	1	—	4	2	1	1	—	—	2	—	1	1	2		
	Other Diseases, Integu- mentary System	2	—	—	—	—	1	1	2	—	1	—	1	—	—	2	6	3	1	—	—	1	2	1	4	4	8	
	Accidents and Negligence.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	In Mines and Quarries.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	In Vehicular Traffic	—	3	3	2	5	—	1	1	4	7	5	5	—	—	3	33	4	2	2	5	6	9	8	23	13	36	
	On Railways	—	—	—	—	—	—	1	—	1	—	1	—	—	—	—	3	—	1	1	—	—	—	—	3	—	3	
	On Ships, Boats, etc. (not drowning)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	1	In Building Operations	—	—	—	—	—	—	—	2	—	1	—	—	—	—	3	1	—	1	—	—	1	—	3	—	3	
	1	By Machinery	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	By Weapons and Im- plements	—	—	—	—	—	1	1	—	1	—	—	—	—	—	3	1	—	—	1	—	1	—	3	—	3		
2	Burns and Scalds	—	6	—	—	—	—	—	1	1	—	—	2	—	—	6	4	—	—	1	—	4	2	3	4	6	10	
12	Poisons, Poisonous Va- pours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Surgical Narcosis	1	—	1	—	—	—	—	1	1	—	—	—	—	—	1	2	—	—	—	2	—	—	—	2	—	2	
	Effects of Electric Shock	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Corrosions by Chemi- cals	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Drowning	—	—	—	—	—	—	—	1	3	—	—	—	—	—	—	4	—	—	—	2	—	—	1	4	—	4	
	Suffocation, Overlaid in Bed	3	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	2	—	—	1	—	—		
	Suffocation, Otherwise	5	1	1	—	—	1	—	—	—	—	—	—	—	—	6	2	1	2	—	1	—	1	1	1	2	3	
	Falls not specified	4	—	2	—	—	—	—	—	1	2	2	3	4	4	4	18	2	1	1	2	5	6	5	12	10	22	
	Weather Agencies	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	1	
	Otherwise, not stated	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	1	1	1	1	1	2	
	1	Homicide	1	—	—	—	—	—	—	1	1	—	—	—	—	—	1	2	—	1	2	—	—	—	—	1	2	3
	1	Suicide.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	By Poison	—	—	—	—	1	1	2	3	4	3	3	—	1	—	18	3	1	1	2	3	2	6	12	6	18		
	By Asphyxia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	By Hanging and Stran- gulation	—	—	—	—	—	—	—	—	1	3	2	1	—	—	—	7	—	1	2	—	1	1	2	7	—	7	
By Drowning	—	—	—	—	—	1	—	—	3	3	—	—	—	—	—	7	—	1	—	—	1	1	2	2	6	1	7	
By Shooting	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1	—	—	—	1	—	1	
By Cut or Stab	—	—	—	—	—	—	—	—	2	2	1	—	—	—	—	5	1	1	—	1	—	—	2	5	—	5		
1	By Precipitation from Elevated Places	—	—	—	—	—	—	—	—	—	1	1	—	—	—	2	—	—	—	—	2	—	—	—	1	1	2	
1	By Crushing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
815	By other and unspeci- fied methods.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Execution	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Sudden Death, cause not ascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Ill-defined and unspeci- fied causes	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1	1	
	Males	362	138	75	19	34	38	96	162	269	336	384	252	47	500	1712	205	250	181	274	374	362	566	—	—	2212		
	Females	279	125	47	36	48	52	82	141	205	262	416	353	110	404	1752	232	242	196	250	340	353	543	—	—	2156		
815	TOTAL DEATHS	641	263	122	55	82	90	178	303	474	598	800	605	157	904	3464	437	492	377	524	714	715	1109	2212	2156	4368		

TABLE B.

Showing the Births and Birth Rates of Islington from 1841 to 1920.

Year.	Births.	Birth Rates.	Year.	Births.	Birth Rates.	Year.	Births.	Birth Rates.	Year.	Births.	Birth Rates.
1841	1446	25.58	1861	5530	35.31	1881	9894	34.87	1901	9264	27.62
1842*	1508	25.28	1862	5619	34.76	1882	9991	34.79	1902*	9214	27.06
1843	1627	25.86	1863	6094	36.51	1883	9940	34.19	1903	8983	26.95
1844	1804	27.18	1864	6349	36.84	1884*	9872	33.54	1904	8890	26.73
1845	1838	26.20	1865	6743	37.90	1885	9667	32.45	1905	8756	26.39
1846	2152	29.13	1866*	6983	38.02	1886	9849	32.66	1906	8659	26.16
1847	2318	29.75	1867	7391	38.97	1887	9740	31.92	1907	8531	25.83
1848*	2529	30.76	1868	7608	38.86	1888	9609	31.10	1908*	8665	25.80
1849	2613	30.13	1869	7529	37.24	1889	9628	30.79	1909	8198	24.93
1850	3015	32.96	1870	7674	36.77	1890*	9230	29.16	1910	8201	25.01
1841-50	20850	28.65	1861-70	67520	37.20	1881-90	97420	32.49	1901-10	87361	26.36
1851	3033	31.46	1871	7671	35.63	1891	9797	30.61	1911	8113	24.79
1852	3462	34.19	1872*	8048	36.36	1892	9743	30.12	1912	8211	25.15
1853	3701	34.81	1873	8398	36.89	1893	9749	29.81	1913*	8359	25.19
1854*	3964	35.50	1874	8697	37.16	1894	9678	29.28	1914	8177	25.12
1855	4148	35.37	1875	9068	37.67	1895	10183	30.48	1915	7537	23.16
1856	4306	34.97	1876	9225	37.26	1896*	9921	29.38	1916	7262	21.57
1857	4512	34.89	1877	9380	36.85	1897	9842	29.19	1917	5837	17.62
1858	4560	33.57	1878*	9498	36.28	1898	9453	28.07	1918	5197	16.20
1859	5011	35.13	1879	9714	36.08	1899	9658	28.72	1919*	6278	18.30
1860*	5218	34.84	1880	9928	35.86	1900	9254	27.55	1920	9404	27.97
1851-60	41915	34.54	1871-80	89627	36.60	1891-1900	97278	29.31	1911-20	74375	22.85

* These years contained 53 weeks.

TABLE C.

Showing the Illegitimate Births in Islington from 1841 to 1920.

Years.	Births.	Years.	Births.	Years.	Births.	Years.	Births.	Years.	Births.	Years.	Births.	Years.	Births.	Years.	Births.
1841	*	1851	100	1861	184	1871	280	1881	380	1891	265	1901	228	1911	248
1842	33	1852	100	1862	207	1872	346	1882	353	1892	298	1902	248	1912	303
1843	*	1853	95	1863	224	1873	335	1883	370	1893	267	1903	242	1913	297
1844	*	1854	125	1864	248	1874	344	1884	341	1894	290	1904	273	1914	304
1845	43	1855	126	1865	291	1875	363	1885	327	1895	286	1905	227	1915	271
1846	53	1856	149	1866	272	1876	361	1886	331	1896	242	1906	244	1916	289
1847	64	1857	151	1867	306	1877	337	1887	350	1897	269	1907	230	1917	297
1848	85	1858	140	1868	317	1878	303	1888	345	1898	262	1908	231	1918	239
1849	74	1859	174	1869	284	1879	401	1889	350	1899	279	1909	250	1919	215
1850	97	1860	175	1870	318	1880	359	1890	328	1900	261	1910	240	1920	256
7 yrs.	449	1851 to 1860	1,335	1861 to 1870	2,651	1871 to 1880	3,429	1881 to 1890	3,475	1891 to 1900	2,719	1901 to 1910	2,413	1911 to 1920	2,719

* The births in these years cannot be ascertained.

TABLE D.

Showing the Deaths and Death Rates of Islington from 1841 to 1920.

Years.	Deaths	Death Rates.	Years.	Deaths	Death Rates.	Years.	Deaths	Death Rates.	Years.	Deaths	Death Rates.
1841	1013	17·91	1861	3123	19·94	1881	5617	19·79	1901	5361	15·98
1842*	1101	18·46	1862	3496	21·62	1882	5643	19·65	1902*	5635	16·55
1843	1115	17·72	1863	4340	26·00	1883	5561	19·12	1903	4839	14·52
1844	1294	19·49	1864	4594	26·65	1884*	5515	18·74	1904	5236	15·74
1845	1258	17·96	1865	4617	25·94	1885	5740	19·27	1905	4955	14·93
1846	1383	18·72	1866*	5154	28·06	1886	5434	18·02	1906	5050	15·26
1847	1624	20·83	1867	4509	24·55	1887	5699	18·67	1907	5079	15·38
1848*	1745	21·22	1868	4886	24·95	1888	5197	16·82	1908*	4679	13·93
1849	1891	21·80	1869	4937	24·42	1889	5035	16·10	1909	4918	14·96
1850	1609	17·58	1870	5078	24·33	1890*	6152	19·43	1910	4523	13·79
1841-50	14033	19·28	1861-70	44734	24·64	1881-90	55593	18·55	1901-10	50275	15·17
1851	2082	21·59	1871	5048	23·44	1891	6326	19·77	1911	4866	14·87
1852	2086	20·60	1872*	4196	18·95	1892	6075	18·78	1912	4682	14·34
1853	2395	22·52	1873	4156	18·25	1893	6391	19·55	1913*	5028	15·15
1854*	2800	25·07	1874	4816	20·57	1894	5263	15·92	1914	4938	15·20
1855	2680	22·85	1875	4833	20·07	1895	5760	17·24	1915	5546	17·04
1856	2677	21·74	1876	4969	20·07	1896*	5884	17·42	1916	4751	15·35
1857	2586	20·00	1877	5111	20·07	1897	5395	16·00	1917	4600	15·48
1858	2777	20·44	1878*	5376	20·53	1898	5705	16·94	1918	5841	20·40
1859	2898	20·32	1879	5456	20·27	1899	6293	18·71	1919*	4640	14·09
1860*	3028	21·21	1880	5716	20·65	1900	5721	17·03	1920	4475	13·32
1851-60	26009	21·43	1871-80	49677	20·28	1891-1900	58813	17·72	1911-20	49367	15·56

* These years contained 53 weeks.

TABLE E.

Infantile Mortality Returns, extracted from the Annual Reports of the Registrar General, 1841-55, and from the Annual Reports of the Medical Officer of Health of Islington, 1856 to 1920.

Years.	Deaths under 1 year old.	Deaths per 1,000 Births.	Years.	Deaths under 1 year old.	Deaths per 1,000 Births.	Years.	Deaths under 1 year old.	Deaths per 1,000 Births.	Years.	Deaths under 1 year old.	Deaths per 1,000 Births.
1841	190	131	1861	748	135	1881	1,400	140	1901	1,290	139
1842*	224	149	1862	725	130	1882	1,403	140	1902*	1,219	132
1843	—	—	1863	906	147	1883	1,312	133	1903	1,136	126
1844	—	—	1864	969	153	1884*	1,506	150	1904	1,140	128
1845	267	164	1865	1,088	161	1885	1,387	143	1905	1,074	123
1846	330	153	1866*	1,170	169	1886	1,517	154	1906	1,083	125
1847	348	150	1867	1,119	152	1887	1,557	160	1907	996	117
1848*	386	152	1868	1,266	164	1888	1,271	132	1908*	894	103
1849	441	168	1869	1,234	165	1889	1,261	131	1909	841	103
1850	360	119	1870	1,135	149	1890*	1,488	161	1910	777	95
1841-50 (8 yrs.)	2,546	146	1861-70	10,360	153	1881-90	14,102	145	1901-10	10,450	120
1851	457	151	1871	1,179	154	1891	1,481	151	1911	1,040	128
1852	457	132	1872*	1,200	150	1892	1,417	145	1912	710	86
1853	571	154	1873	1,172	138	1893	1,595	164	1913*	898	107
1854*	604	152	1874	1,278	147	1894	1,229	127	1914	849	104
1855	605	146	1875	1,306	145	1895	1,416	139	1915	805	107
1856	612	142	1876	1,397	152	1896*	1,490	150	1916	634	87
1857	642	140	1877	1,302	140	1897	1,338	136	1917	565	97
1858	648	142	1878*	1,453	154	1898	1,504	159	1918	571	110
1859	665	133	1879	1,340	135	1899	1,548	160	1919*	525	83
1860*	747	144	1880	1,517	154	1900	1,344	145	1920	676	72
1851-60	6,008	143	1871-80	13,144	147	1891-1900	14,362	148	1911-20	7,273	99

* These years contained 53 weeks.

TABLE F.

Showing the **Cases of Infectious Diseases in Islington in Quinquennial Periods, 1891-1920.**

Year.	Smallpox.	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Typhus Fever.	Erysipelas.	Puerperal Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Notifications.	Attack rates per 1,000 Population.
1891	1	728	756	185	2	343	33	6	1	—	2,059	6.43
1892	42	1,709	738	219	—	550	51	6	—	3	3,318	10.26
1893	118	2,880	885	251	1	672	38	7	—	1	4,853	14.84
1894	90	1,493	867	245	1	395	23	7	—	—	3,121	9.44
1895	25	1,692	582	184	5	320	22	9	—	—	2,839	8.50
1891-5 ...	276	8,502	3,828	1,088	9	2,280	167	35	1	4	16,190	9.90
1896*	50	2,031	1,091	229	—	385	30	6	2	—	3,824	11.32
1897	3	1,577	729	256	—	312	27	1	—	1	2,906	8.62
1898	—	1,336	544	237	2	279	19	1	—	—	2,418	7.18
1899	3	1,494	705	353	—	350	33	2	—	3	2,943	8.75
1900	2	1,074	633	259	1	285	16	6	—	—	2,276	6.78
1896-1900 ...	58	7,512	3,702	1,334	3	1,611	125	16	2	4	14,367	8.53
1901	50	1,286	911	281	2	285	34	3	—	—	2,852	8.51
1902*	276	1,372	878	257	—	357	19	5	—	—	3,164	9.29
1903	9	865	455	130	—	227	19	2	—	—	1,707	5.12
1904	17	1,146	347	126	1	280	24	—	—	—	1,941	5.84
1905	3	1,198	351	100	—	252	24	—	—	—	1,928	5.81
1901-05 ...	355	5,867	2,942	894	3	1,401	120	10	—	—	11,592	6.96
1906	1	1,386	439	149	1	274	24	1	—	—	2,275	6.87
1907	—	1,216	481	92	—	252	21	1	—	—	2,063	6.25
1908*	—	1,409	530	97	—	235	17	1	—	—	2,289	6.82
1909	3	1,285	430	95	1	221	14	—	—	—	2,049	6.23
1910	1	730	471	89	1	212	20	1	—	—	1,525	4.65
1906-10 ...	5	6,026	2,351	522	3	1,194	96	4	—	—	10,201	6.19
1911	—	804	593	73	—	275	14	—	—	—	1,759	5.37
1912	—	811	516	49	—	185	16	—	—	—	1,577	4.83
1913*	—	1,317	550	50	—	226	28	—	—	—	2,171	6.54
1914	—	1,853	659	76	—	334	25	—	—	—	2,947	9.08
1915	—	1,332	624	28	—	203	23	—	—	—	2,210	6.98
1911-15 ...	—	6,117	2,942	276	—	1,223	106	—	—	—	10,664	6.58
1916	—	638	593	32	—	155	21	—	—	—	1,439	4.65
1917	—	478	561	23	—	173	16	—	—	—	1,251	4.21
1918	2	432	518	30	—	141	4	—	—	—	1,127	3.93
1919*	2	1,084	649	16	—	212	29	1	—	—	1,993	6.05
1920	—	1,307	1,328	24	—	165	29	—	—	—	2,853	8.49
1916-20 ...	4	3,939	3,649	125	—	845	99	1	—	—	8,663	5.47

Metropolitan Borough of Islington.

CAUSES OF, AND AGES AT DEATH DURING THE CALENDAR YEAR, 1921.

CAUSES OF DEATH.		Nett Deaths at the subjoined Ages of "Residence" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non-residents" in Institutions in the District.
		All ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 yrs.	15 and under 25 yrs.	25 and under 45 yrs.	45 and under 65 yrs.	65 and upwards	
1		2	3	4	5	6	7	8	9	10	11
All Causes	Certified ... Uncertified ..	4332 —	633 —	145 —	119 —	172 —	172 —	474 —	1059 —	1558 —	1375 —
Enteric Fever ...	...	1	—	—	—	—	—	1	—	—	—
Small Pox ...	...	—	—	—	—	—	—	—	—	—	—
Measles ...	...	28	5	17	6	—	—	—	—	—	10
Scarlet Fever ...	...	19	—	2	2	13	1	1	—	—	2
Whooping Cough ...	...	43	22	16	3	2	—	—	—	—	17
Diphtheria and Croup ...	...	111	3	9	39	57	2	—	1	—	14
Influenza ...	...	95	2	1	2	1	5	26	31	27	23
Erysipelas ...	...	5	—	—	—	—	—	1	2	2	9
Phthisis (Pulmonary Tuberculosis) ...	...	351	5	3	3	8	65	136	116	15	148
Tuberculous Meningitis...	...	25	8	3	7	6	—	1	—	—	15
Other Tuberculous Diseases ...	...	27	2	3	4	4	5	5	1	3	16
Cancer, malignant disease	...	472	2	—	—	1	1	44	236	188	237
Rheumatic Fever ...	...	12	—	—	—	4	2	2	1	3	—
Meningitis ...	...	16	4	3	—	2	5	2	—	—	1
Organic Heart Disease ...	...	517	5	—	—	8	14	44	164	282	210
Bronchitis ...	...	333	26	11	4	—	1	14	73	204	127
Pneumonia (all forms) ..	...	328	90	42	24	13	11	32	57	59	114
Other diseases of respiratory organs ...	...	53	5	4	2	4	2	7	19	10	15
Diarrhoea and Enteritis...	...	179	134	19	4	5	—	4	3	10	69
Appendicitis and Typhlitis	...	24	—	1	2	4	7	1	7	2	15
Cirrhosis of Liver ...	...	16	—	—	—	—	—	2	12	2	9
Alcoholism ...	...	2	—	—	—	—	—	1	—	1	—
Nephritis and Bright's Disease ..	...	110	—	—	—	1	2	10	50	47	54
Puerperal Fever ..	...	12	—	—	—	—	1	11	—	—	6
Other accidents and diseases of Pregnancy and Parturition ...	...	7	—	—	—	—	2	5	—	—	1
Congenital Debility and Malformation, including Premature Birth ...	...	222	218	1	2	1	—	—	—	—	12
Violent Deaths, excluding Suicide ..	...	97	15	2	8	8	7	12	19	26	60
Suicide ...	...	38	—	—	—	—	3	12	16	7	6
Other Defined Diseases ..	...	1189	87	8	7	30	36	100*	251*	670	185
Diseases ill-defined or unknown ...	...	—	—	—	—	—	—	—	—	—	—
Totals ...	...	4332	633	145	119	172	172	474	1059	1558	1375
SUB-ENTRIES.—Included in above figures :											
Cerebro-spinal Meningitis	...	6	3	1	—	—	1	—	—	—	1
Poliomyelitis ...	...	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica ..	...	2	—	—	—	—	—	1*	1*	—	—

Metropolitan Borough of Islington.

INFANTILE MORTALITY DURING THE CALENDAR YEAR 1921.

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

CAUSE OF DEATH.	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	
ALL -Certified ..	130	34	33	22	219	101	146	96	71	633
CAUSES. -Uncertified	—	—	—	—	—	—	—	—	—	—
Small-pox ..	—	—	—	—	—	—	—	—	—	—
Chicken-pox ..	—	—	—	—	—	—	—	—	—	—
Measles ..	—	1	—	—	1	—	—	1	3	5
Scarlet Fever ..	—	—	—	—	—	—	—	—	—	—
Whooping Cough ..	—	—	1	—	1	2	4	7	8	22
Diphtheria, Croup..	—	—	—	—	—	—	—	2	1	3
Erysipelas... ..	—	—	—	—	—	—	—	—	—	—
Tuberculous Meningitis ..	—	—	—	—	—	—	2	5	1	8
Abdominal Tuberculosis ..	—	—	—	—	—	—	—	—	2	2
Other Tuberculous Diseases ..	—	1	—	—	1	—	1	1	2	5
Meningitis (not Tuberculous). ..	—	—	—	—	—	—	2*	1†	1*	4
Convulsions.	1	3	2	1	7	2	2	—	1	12
Laryngitis... ..	—	—	—	—	—	—	—	1	1	2
Bronchitis... ..	—	1	1	2	4	5	7	5	5	26
Pneumonia (all forms) ...	2	3	7	2	14	22	22	18	14	90
Diarrhoea	—	—	1	—	1	13	27	14	6	61
Enteritis	—	—	2	2	4	13	30	15	11	73
Gastritis	—	—	—	—	—	1	4	—	1	6
Syphilis	1	1	—	2	4	2	4	1	—	11
Rickets	—	—	—	—	—	—	—	—	2	2
Suffocation, overlying ...	—	1	1	—	2	1	—	—	—	3
Injury at birth ...	9	—	—	—	9	—	—	—	—	9
Atelectasis ..	11	—	—	—	11	1	—	—	—	12
Congenital Malformations ...	10	3	2	2	17	7	5	—	1	30
Premature birth ...	74	9	9	4	96	4	4	3	—	107
Atrophy, Debility and Marasmus...	11	7	2	7	27	18	24	11	1	81
Other Causes ...	11	4	5	—	20	10	8	11	10	59
Totals	130	34	33	22	219	101	146	96	71	633

Nett Births { legitimate ... 7,607 Nett Deaths in { legitimate infants ... 599
in the year { illegitimate ... 205 the year of { illegitimate infants ... 34

* Cerebro Spinal Meningitis (2).

† Post Basic Meningitis (1).

LONDON COUNTY COUNCIL RETURN.

Borough of Islington.

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	Removed in 1921	On Register at end of 1921			
Milk Premises	608	25	8	625	468	44	Nil
Cowsheds	4	—	—	4	42	—	—
Slaughter-Houses ..	18	—	—	18	925	—	—
Other Offensive Trade Premises	7	—	—	7	61	—	—
Ice Cream Premises ...	242	—	—	242	62	9	—
Registered Houses Let in Lodgings	1,058	1	26	1,033	8,761	944	3

Total number of intimation notices served for all purposes ... 5,420

Insanitary houses—

Number closed under the Public Health (London) Act, 1891 ... Nil
 Number of premises cleansed under Section 20 of the L.C.C. (General Powers)
 Act, 1904 ... 283

Housing of the Working Classes—

Number of houses inspected ... Nil
 Number of representations by householders ... Nil
 Number of representations by Medical Officer ... Nil
 Number of houses included in such representations ... Nil
 Number of houses remedied without Closing Orders ... Nil
 Number of Demolition Orders ... Nil
 Number of houses dealt with under Section 15 of the Housing, Town Planning,
 etc., Act, 1909 ... Nil
 Number of Closing Orders ... Nil
 Number of houses included in such Closing Orders ... Nil
 Number of Closing Orders determined ... Nil
 Number of houses demolished—(a) in pursuance of Orders ... Nil
 (b) voluntarily ... Nil

Obstructive buildings—

Number of representations under Section 38 of the Housing Act, 1890 ... Nil
 Number of representations still under consideration ... Nil
 Number of buildings demolished ... Nil
 Number of Orders for repairs issued under Section 28 of the Housing Act,
 1919 ... 62 notices relating to
 132 dwelling houses
 Number of houses repaired by local authorities ... Nil
 Number of houses closed on notice by owner that they could not be made fit ... 12
 Total number of houses in the Borough ... about 40,000
 Number of houses for the working classes—
 (a) Erected during year (Flats) ... 148
 (b) In course of erection (Flats) ... 235
 Number of houses occupied by the working classes ... about 26,700

Smoke nuisances—

Number of observations ... 84
 Number of warnings (letters sent) ... 61
 Number of notices ... 3
 Number of nuisances and complaints ... 114
 Number of summonses ... Nil

Underground Rooms—

Number illegally occupied ... 3
 Number closed or illegal occupation discontinued ... 3

Overcrowding—

Number of rooms overcrowded ... 6
 Number remedied ... 6
 Prosecutions ... Nil

Cleansing—

Number of adults cleansed	...	...	...	...	...	...	...	18
Number of children cleansed	...	...	...	...	...	...	...	4,635

Cleansing—

Number of rooms or premises cleansed	...	...	...	...	...	...	...	7,348
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Water supply to tenement houses—

Premises supplied	...	...	...	...	...	...	...	63
Prosecutions	...	...	...	...	...	...	...	Nil

Sale of Food—

Number of premises used other than ice cream premises, milk shops and cowsheds	...	...	...	...	...	...	...	606
Number of inspections	...	...	...	...	...	...	...	17,246

Disinfection shelter—

Persons accommodated	...	...	...	...	...	...	...	43
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Ophthalmia neonatorum regulations—

Number of Notifications received during the year from certified midwives	...	...	...	...	...	...	...	28
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Sanitary officers—

Number of Sanitary Inspectors (Whole time)	Male, 20	Female	2
" " (Part time)	Male, Nil	Female	Nil
Number of Health Visitors...	...	Whole time, 7	Part time
			Nil

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

Number of persons accommodated during the year	...	...	...	...	...	...	...	43
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Revenue Acts—

Number of houses for which application were received during year	...	...	...	...	...	...	...	1
Number of tenements comprised therein	...	...	...	...	...	...	...	47
Number of tenements for which certificates were	(a) granted	...	...	...	...	...	...	47
	(b) refused	...	...	...	...	...	...	Nil
	(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	...	...	...	...	...	...	...	313
Total number of infectious bodies removed	...	...	...	...	...	...	...	4