

Report for the year 1915 of the Medical Officer of Health.

Contributors

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Compliments.

Public Health Department,
Town Hall, Haverstock Hill,
Hampstead, N.W.



THE
Metropolitan Borough of Hampstead.

REPORT

for the Year 1915

OF THE

Medical Officer of Health,

FRANK E. SCRASE,

F.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond.)

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PUBLIC HEALTH COMMITTEE,

NOVEMBER, 1914—15.

Ex-officio :

HIS WORSHIP THE MAYOR
(Mr. Alderman E. A. O'BRYEN, J.P.).

Chairman : Mr. Councillor R. J. J. WILLIS.

Miss Councillor	M. E. BALKWILL.	Mr. Councillor	G. BUCKLE.
Mr.	" C. W. CUNNINGTON, M.R.C.S., D.P.H.	" "	A. W. GEORGE, M.R.C.S., L.R.C.P.
"	" J. I. FRASER.	" "	C. J. HIGGINSON.
"	" T. H. NUNN.	" "	E. S. PAYNE.
"	" W. H. WARNER.	" "	A. B. WEAVER.

Staff of the Public Health Department :

Sanitary Inspectors :

W. G. Kershaw, Senior Inspector.

R. Geary (<i>Wards 1 & 2</i>)	*W. F. Horniblow (<i>Wards 3 & 7</i>)	} <i>Divisional Inspectors.</i>
A. Peverett (<i>Wards 4 & 5</i>)	*J. Grimsley (<i>Ward 6</i>)	
F. H. Hudson, Sale of Food and Drugs Acts and Factory and Workshop Acts.		
*A. C. Townsend, Housing of the Working Classes, and Housing, Town Planning, &c., Acts.		
Mrs. T. Fisher, M.A., Factory and Workshop Acts: Infectious Disease and Tuberculosis Regulations.		
Mrs. K. Roche, Notification of Births Act and Infectious Disease.		

Assistants to Inspectors : *Edwards, *Deverell.

Public Mortuary :

*W. Larken, 63, Flask Walk, *Keeper.* E. Stratton, *Deputy Keeper.*

Disinfecting and Cleansing Stations :

*T. Rider, G. Allaway and R. Bell, *Disinfectors.*
Mrs. Rider, *Attendant at Cleansing Room.*
A. L. Gibbons, *Temporary Disinfecter.*

Tuberculosis Dispensary :

J. F. Halls Dally, M.D., M.R.C.P. (London), M.R.C.S., L.R.C.P. (Lond.),
Tuberculosis Medical Officer.
*Miss G. Goodchild, *Nurse.*
Miss M. Taylor, *Temporary Nurse.*

Clerical Staff :

W. Sell, *Clerk.*
*F. Hill, *Clerk.*
*B. Harley, *Clerk.*
*B. C. Harley, *Clerk.*
*R. Pollock, *Clerk-Draughtsman.*
C. Brown, *Temporary Clerk.*
E. Blakeman, Miss, *Temporary Clerk.*

Public Analyst :

A. W. Stokes, F.C.S., F.I.C.

Medical Officer of Health :

Frank E. Scrase, F.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond.).

* *These members of the Staff are on Service with His Majesty's Forces.*



PUBLIC HEALTH DEPARTMENT,
TOWN HALL, HAVERSTOCK HILL,
HAMPSTEAD, N.W.

1st June, 1916.

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

MR. MAYOR, MADAM, AND GENTLEMEN,

I have the honour to submit to you the Annual Report for the year 1915.

In presenting this review of the work of the Public Health Department for 1915 I wish to thank the Council and the Chairman and Members of the Public Health Committee for the kindly support and encouragement they have ever given me. I desire also to express my appreciation of the earnest efforts of the members of the staff of the Department whilst according me their assistance and able co-operation.

I have the honour to be,

Mr. Mayor, Madam, and Gentlemen,
Your obedient Servant,

FRANK E. SCRASE,
Medical Officer of Health.

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Section A.

NATURAL AND SOCIAL CONDITIONS OF THE
BOROUGH.

SUMMARY OF VITAL STATISTICS FOR 1915.

Population estimated to middle of 1915	...	...	...	81,760
Density	„	„	„	36·9 persons per acre
Births	...	...	...	1,327
*Birth-Rate	...	...	...	15·3
Marriages	...	...	...	951
Marriage-Rate	...	...	...	23·22
Deaths	...	...	...	994
Death-Rate	...	...	...	12·1
Infantile Mortality	...	...	...	76·1 per 1000 births
Notifiable Infectious Diseases Attack-Rate (excluding Tuberculosis)				5·1
Notifiable Infectious Diseases Death-Rate			„	·2
Death-Rate from the Principal Epidemic Diseases			...	·44
Death-Rate from Pulmonary Tuberculosis...			...	·58
Death-rate from All Forms of Tuberculosis			...	·86

CENSUS, 1911.

Population	...	...	...	85,495
Buildings used as Dwellings	...	...	...	11,976
Ordinary Dwelling Houses	...	...	...	10,062
Area of Borough	...	...	...	2265 acres
„	„	(excluding area covered by water)		2253 acres

* By direction of the Registrar-General this rate has been calculated upon the 1914 population, which was 86,731.

POPULATION.

The Registrar-General's provisional estimate of the population of Hampstead at the middle of 1915, based upon the Censuses of 1901 and 1911, together with the returns made under the National Registration Act, 1915, was 81,760. This estimate has been adopted in this Report and, with the exception of the birth rates, it forms the basis upon which the various rates have been calculated.

By the direction of the Registrar General the birth rates have been calculated upon the estimated population at the middle of 1914, which was 86,731.

MARRIAGES.

According to the return kindly furnished to me by the Superintendent Registrar of Hampstead, it appears that 951 marriages were registered in the Borough during 1915.

The following Table gives the marriage rates for the years 1904-1915 :—

Year.	Rate.	Year.	Rate.
1904	15·0	1910	14·8
1905	14·4	1911	16·3
1906	13·8	1912	15·0
1907	15·3	1913	14·9
1908	14·7	1914	19·0
1909	16·0	1915	23·2

BIRTHS.

During the year 1,222 births were registered in Hampstead, an increase of 9 as compared with 1,213 registered in the previous year. In addition 105 births of children, whose mothers were Hampstead residents, occurred outside the Borough in Lying-in Institutions, etc. 2 births registered in Hampstead belonged to other Districts and must be subtracted from the total.

After these corrections have been made the net number of births belonging to Hampstead was 1,327, as compared with 1,273 in 1914, an increase of 54. This increase is largely accounted for by the fact that 90 were children of Belgian Refugees born in a Lying-in Home for Belgians situated in the Borough.

The following table shows the Ward and sex-distribution of the live-births, and the birth-rate for each Ward, calculated upon the estimated population of 1914 :—

Ward.	Births.			Birth-rate per 1000 of the population.
	Males.	Females.	Total.	
No. 1 (Town) ...	81	76	157	10·9
No. 2 (Belsize) ...	171	146	317	22·4
No. 3 (Adelaide) ...	35	42	77	7·9
No. 4 (Central) ...	44	47	91	9·04
No. 5 (West End) ...	102	116	218	16·6
No. 6 (Kilburn) ...	162	167	329	21·5
No. 7 (Priory) ...	66	72	138	13·7
The Borough ...	661	666	1327	15·3

Illegitimate Births.

Of the total 1,327 births, 81 or 61·0 per 1,000 were those of illegitimate children. 47 of these were born outside the Borough, chiefly in Lying-in Institutions.

The following Table shows the illegitimate births which have occurred in the Borough during the years 1902-1915 :—

Year.	Number of illegitimate births.	Illegitimate birth rate per 1,000 births registered.
1902	39	25·7
1903	42	28·9
1904	42	29·1
1905	35	24·6
1906	34	24·0
1907	43	32·0
1908	29	21·0
1909	43	33·0
1910	36	28·0
1911	37	29·0
1912	76	59·3
1913	73	55·1
1914	55	43·2
1915	81	61·0

DEATHS.

The death rate, calculated upon the total number of deaths (whether resident or non-resident persons) registered in the Borough during the year, was 14·5 per 1,000 of the population, but after subtracting those of non-resident persons dying in the Borough and adding the deaths of Hampstead residents who died outside the District, the recorded death-rate is found to be 12·1 per 1,000 of the population.

The average death-rate for five years 1910 to 1914 was 10·2.

The following are the death-rates for each of the Wards :—

Ward.	Death-rate per 1,000 of the population.
No. 1 (Town)	10·8
No. 2 (Belsize)	10·8
No. 3 (Adelaide)	11·4
No. 4 (Central)	9·6
No. 5 (West End)	12·1
No. 6 (Kilburn)	15·9
No. 7 (Priory)	13·2
The Borough	12·1

In the table on page 45 the death-rates of Hampstead may be compared with those of England and Wales since 1875.

The following table, which is issued by the Registrar-General, shows the death-rate of Hampstead as compared with the rates of the County of London, and the Metropolitan Cities and Boroughs :—

Table showing the Death-rates from All Causes in the County of London, the City of London, and the Metropolitan Boroughs during 1915, as calculated by the Registrar-General.

DISTRICT.	Death-rate from all causes.
Hampstead	12.4
Lewisham	12.4
Wandsworth	12.5
Hackney	14.7
Stoke Newington	14.7
Camberwell	14.8
Kensington	15.2
Woolwich	15.3
Hammersmith	15.3
Fulham	15.3
St. Marylebone	15.4
City of Westminster	15.5
Paddington	15.9
Lambeth	16.4
St. Pancras	16.6
Chelsea	16.6
Holborn	16.7
Islington	16.8
Bethnal green	17.3
Stepney	17.6
Greenwich	17.6
Deptford	17.7
City of London	18.8
Poplar	18.9
Shoreditch	19.5
Finsbury	19.6
Southwark	20.1
Bermondsey	20.2
County of London	16.1

NOTE :—The rate stated by the Registrar-General differs from that as calculated by me. This is accounted for by the fact that the Registrar-General's figures have not yet been completely corrected for transferable deaths and it is also based on 1914 population.

Deaths at Various Ages.

The following table shows the number of deaths at the various age periods, the causes of such deaths being shown in Tables III. & IV.

Age Periods.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.	All Ages.
Deaths	101	22	21	29	34	115	260	412	994

It is interesting to note the increasing age of the population. The proportion of deaths at ages of 25 and upwards have also increased in recent years.

Deaths at Ages.

Year.	Under 25.	25 and upwards.	Totals.
1911	209	638	847
1912	190	671	861
1913	209	742	951
1914	187	726	913
1915	207	787	994

Deaths in Institutions.

The number of deaths of Hampstead Residents which occurred in Institutions was 307 or 30.8 per cent. of the total deaths of residents. 94 deaths took place in Workhouses or Workhouse Infirmaries, equivalent to 30.6 per cent. of the deaths in institutions or 9.4 per cent. of the total deaths of Hampstead residents.

Causes of Death.

The causes of death are given in Table 3 at the end of the Report.

The deaths from Cancer call for special consideration. The following Table gives the number of deaths from Cancer and the death-rate per 1,000 of the population in each of the years 1903—1915.

Year.	No. of Deaths from Cancer	Death-rate per 1000 of the population.	Year.	No. of Deaths from Cancer.	Death-rate per 1000 of the population.
1903	105	1.27	1910	90	1.06
1904	85	1.02	1911	86	1.00
1905	73	0.87	1912	102	1.19
1906	93	1.11	1913	100	1.14
1907	69	0.82	1914	114	1.31
1908	84	0.99	1915	118	1.44
1909	85	1.00			

Of the 118 deaths from Cancer, 76 were females and 42 males. On this point it must be borne in mind that the population of the Borough was found at the Census to consist of 52,688 females and 32,807 males. In 46 cases the patients were over 65 years of age.

The next Table gives the anatomical distribution of the disease in each sex.

Situation.	Males.	Females.	Total.
Buccal cavity ...	11	4	15
Stomach, Liver, &c. ...	15	21	36
Peritoneum, Intestines and Rectum	13	18	31
Genital Organs ...	2	14	16
Breast ...	—	15	15
Other, or unspecified, organs ...	1	4	5
Totals ...	42	76	118

The following is a list of the Institutions and the number of deaths which occurred in each :—

Deaths of Hampstead Residents in Institutions.

INSTITUTION.	Total.	INSTITUTION.	Total.
Infirmaries and Workhouses.		Hospitals, &c., continued.	
Hampstead Workhouse Infirmary	35	Mount Vernon Hospital, Northwood	1
St. Pancras Infirmary ...	6	Middlesex Hospital ...	12
St. Marylebone Infirmary ...	53	National Hospital, Finchley ...	1
Hospitals, Sanatoria, Nursing Homes.		7 Osnaburgh Terr., St. Marylebone	1
148 Abbey Road ...	1	Otto House, Fulham ...	1
73 Belsize Park Avenue ...	1	189 Page Street, Westminster ...	1
26 Belsize Avenue ...	1	Queen Charlotte's Hospital ...	6
188 Belsize Road ...	2	10 Rosslyn Hill ...	2
33 Belsize Square ...	1	Royal Free Hospital ...	1
34 Belsize Square ...	2	Royal Alexandra Hospital ...	1
55 Beaumont Street ...	1	St. Catherine's Hospital, Ramsgate	1
Bethlem Royal Hospital ...	3	St. Columba's Hospital ...	7
Bethnall House ...	1	St. George's Hospital ...	1
Camberwell House ...	3	St. Luke's House ...	2
City of London Lying-in Hospital	1	14 Pembridge Square, W.	...
6 Colosseum Terrace ...	1	St. Mary's Hospital ...	10
Connaught Hospital, Farnboro' ...	1	St. Mark's Square, St. Pancras	1
Convalescent Home for Children, Grosvenor Place ...	1	St. Peter's Home ...	4
Children's Hospital, Great Ormonde Street ...	1	St. Thomas's Hospital ...	1
Children's Hospital, Paddington Green ...	6	95 South Hill Park ...	1
Charing Cross Hospital ...	1	97 South Hill Park ...	1
Cottage Hospital, Harlesden Road	2	Samaritan Free Hospital ...	3
Downs Sanatorium ...	1	7 The Terrace, St. Pancras	1
80 Fordwych Road ...	2	Thanet Isolation Hospital ...	1
German Hospital, Dalston ...	4	University College Hospital ...	7
Grove Hospital ...	1	Victoria Hospital ...	1
Guy's Hospital ...	2	Westminster Hospital ...	1
Hampstead General Hospital ...	22	29 Wimpole Street ...	1
Home Hospital, Fitzroy Square ...	1	3 York Place, St. Marylebone	1
Homœopathic Hospital ...	1	M.A.B. Hospitals.	
Hospital for Women, Soho ...	1	North Western ...	14
Hospital for St. John & St. Elizabeth	4	Asylums.	
The Hostel, Hindhead ...	1	Claybury ...	3
Infants' Hospital, Vincent Sq., W.	3	Colney Hatch ...	11
King's College Hospital ...	1	Fountain Temperance Asylum ...	2
7 Knaresboro' Place, Kensington ...	1	Hanwell ...	6
12 Lancaster Place ...	1	Hospital for Insane, Barnwood ...	1
London Temperance Hospital ...	2	Leavesden ...	6
3 Mandeville Place, St. Marylebone	1	Long Grove ...	3
9 Mandeville Place, St. Marylebone	1	Manor ...	2
		Tooting Bec ...	12
		West Ham Borough Asylum ...	1

TOTALS.

Infirmaries and Workhouses	...	...	...	94
Hospitals, Sanatoria, Nursing Homes, &c.	...	...	...	152
M.A.B. Hospitals	...	...	...	14
Asylums	...	...	...	47

307

Violent Deaths (excluding Suicide).

32 deaths were classified under this heading as compared with 25 in 1914. 2 were due to wilful murder; 3 to burns; 11 to falls; 7 to injuries caused by being knocked down by motor vehicles; 3 to injuries by horse vehicles; 1 to a bomb dropped from an enemy airship; 1 to drowning and 4 to suffocation. Of the 4 deaths due to suffocation, 3 were those of children in bed with their parents, the ages being five months, four months and two months respectively.

Suicide.

8 persons committed suicide as compared with 8 in 1914. In 2 cases the cause of death was poisoning, 2 deaths were due to strangulation, 2 to bullet wounds from pistols or revolvers, 1 to drowning and 1 jumped under a train.

Section B.

SANITARY ADMINISTRATION AND CIRCUMSTANCES OF THE BOROUGH.

SANITARY INSPECTIONS, &c.

				1915
Number of Inspections ...	...	...	...	9534
„ Re-inspections	...	...	...	9399
„ Intimation Notices issued	...	...	...	533
„ Statutory Notices issued...	...	...	...	454
„ Notifications sent to “ Head Teachers ” of Schools respecting notified cases of infectious disease				480
„ Notifications sent to Medical Officers of Health of other Boroughs respecting Hampstead children attending schools in their districts...			...	72
„ Notifications sent to “ Head Teachers ” of Schools respecting cases of Measles	...	...	...	498

The following is a tabulated statement of the sanitary work, &c., carried out during the year, so far as that work admits of tabulation :—

<i>General Conditions—</i>		Apparatus cleansed 20	
Houses, or parts, cleansed 218		Apparatus provided with proper water supply 25	
Dampness in houses, or parts abated 150		Flushing cisterns repaired or renewed 189	
Dilapidated houses, or parts of houses, repaired 105		Manholes repaired or renewed ... 394	
<i>Overcrowding—</i>		Drains repaired or renewed ... 609	
Cases of, abated (rooms) after service of notice 2		Drains cleansed 44	
Cases of, abated (rooms) without service of notice 3		Drains unstopped 32	
<i>Underground rooms—</i>		Drains ventilated 80	
Illegal occupation discontinued ... 14		<i>Ventilating pipes of drains—</i>	
Structural works carried out ... 8		Carried to a sufficient height above windows 12	
<i>Below floors—</i>		Repaired or renewed 48	
Spaces below floors in basement or ground floors ventilated 158		Fresh-air inlets repaired or renewed 95	
Roofs repaired 297		Soil pipes repaired or renewed ... 246	
Gutterings repaired or renewed ... 134		<i>Gullies and surface drains—</i>	
<i>Rainwater pipes—</i>		Gully traps removed from improper positions 11	
Repaired or renewed 154		Gully traps cleansed 10	
Disconnected from drains 18		Inlets or surface drains trapped ... 4	
Disconnected from soil pipes ... 5		<i>Paving and draining washhouses, areas, yards, &c.—</i>	
Sinks disconnected from drains ... 1		Washhouse or scullery paving repaired or renewed 19	
Sinks trapped 375		Areas cleansed 4	
Sinks repaired or renewed ... 200		Area paving repaired or renewed 110	
Sinks unstopped 3		Areas drained 9	
Lavatories disconnected from drains 1		Yards or other open spaces paved 176	
Lavatories trapped 193		Paving of yards or other open spaces repaired or renewed 135	
Lavatories repaired or renewed ... 100		Yards or other open spaces drained 12	
Baths disconnected from drains ... 7		Floors of buildings in which horses, &c. are kept, paved or repaired 2	
Baths trapped 152		<i>Refuse and receptacles—</i>	
Baths repaired or renewed ... 114		Dustbins provided 230	
Water supply re-instated 12		Fixed ashpits removed 32	
Water and sinks provided to upper floors of tenement houses ... 89		Accumulation or deposits of refuse removed 222	
Water cisterns repaired or renewed 3		Manure receptacles provided ... 2	
Removed from improper positions 11		Manure receptacles amended ... 1	
Cleansed 64		Nuisances from the improper deposit of trade refuse abated 5	
Fitted with close-fitting covers ... 37		<i>Animals—</i>	
Water-closet accommodation provided 2		Nuisances from the improper keeping of animals abated 8	
Additional accommodation provided 15		Nuisances from ballast burning abated 1	
Removed from improper positions 7			
Provided with proper and sufficient external ventilation 3			
Improperly constructed apparatus removed and new provided ... 7			
Apparatus repaired or renewed ... 529			
Apparatus unstopped 10			

Drainage Work.

Since the Bye-laws of the London County Council which require the deposit of plans and particulars came into operation in August 1903, 598 plans for the drainage of new buildings and 8255 plans for the alteration and reconstruction of drains in existing premises have been received.

During 1915, 528 Notices of drainage work were received. 477 of these necessitated the deposit of plans and particulars. 164 related to the entire reconstruction of the drainage system and in 266 cases the work was carried out voluntarily.

Cleansing Station.

During 1915, 522 school children and 14 children under school age and 2 adults were cleansed at the Cleansing Station by the Council's Attendant, and while this was in progress their clothes were thoroughly disinfected. The figures are more than double those of the previous year.

Customs and Inland Revenue Acts.

During the year applications for certificates under these Acts were received in respect of 24 dwellings, this number being 4 more than the number for which applications were made in 1914.

Smoke Nuisances.

During the year observations were made in 14 instances by the Sanitary Inspectors. One Intimation Notice was sent and one Statutory Notice served.

Public Mortuary.

During the year the bodies of 103 persons were brought to the mortuary—73 by order of the Coroner, 15 by the Police, and 15 at the request of friends of deceased persons.

In 27 instances inquests only were held, and in 62 instances post mortem examinations were made and inquests followed.

The following table indicates the causes of death of the persons whose bodies were received into the Mortuary :—

Cause of Death or Verdict.	Number of Bodies Received.
Deaths from Natural Causes	54
Accidental Deaths	20
Suicide	15
Misadventure	8
Wilful Murder	2
Open Verdict	4
Total	103

Complaints.

During 1915, 658 complaints were made of the existence of insanitary conditions, relating to 804 nuisances as follows :—

Accumulations	53	<i>Brought forward</i>	523
Animals improperly kept	14	Smells on premises	42
Animals dead	7	Smells from sewer ventilators	32
Dampness in premises	39	Smells from drains, &c.	5
Dirty and dilapidated premises	33	Smells from water-closets	1
Drains defective	49	Smells from manure	10
.. stopped	37	Smoke nuisances	8
Dust, non-removal	90	Verminous conditions	7
Dust receptacles, foul or dilapidated	44	Water, absence of	64
.. absence of, or in-		Water, leakage of	17
.. sufficient	33	Water-cisterns, dirty &c.	2
Insanitary condition of premises	33	Water-closets, insufficient or ab-	
Illness attributable to insanitary		sence of	2
conditions	6	Water-closets, defective	26
Manure not removed	25	Water-closets, stopped	6
Overcrowding	17	Yards, unpaved and existing paving	
Rats, nuisance from	6	defective	6
Roofs and gutters, defective and		Miscellaneous	35
leaky	30	Food, unsound	7
Rubbish Nuisance from burning	7	Water, supply contaminated	11
<i>Carried forward</i>	523	Total	804

Houses Let in Lodgings.

The number of houses let in lodgings on the Register at the end of 1915 was 405.

The alterations in the Bye-laws governing these premises rendered necessary in view of Section 16 of the Housing, Town Planning, &c., Act, 1909, are still the subject of negotiation between the Borough Council and the Local Government Board.

199 Inspections and re-inspections have been made during the year of the houses on the Register.

Milk Supply.

74 persons occupying 98 premises have been registered as purveyors of milk, comprising 52 dairies, 19 bakehouses and confectioners, 10 restaurants and coffee shops and 17 general shops.

During the year 267 inspections were made, 9 Notices were served and the following works were carried out:—

Drains repaired or re-constructed	...	...	7
Premises repaired, cleansed and limewashed...			18
Water closets repaired or renewed	...	...	3
New sinks fixed	...	...	1
Waste pipes to sinks trapped and renewed	...	...	3
Yard paving repaired or renewed	...	...	5
Dustbins provided...	...	...	1
Cisterns cleansed and covered	...	...	2
Other defects remedied	...	...	4

Other Foods.

The following food was seized or voluntarily surrendered to the inspectors during the year:—

Date.	Premises.	Food Seized or surrendered.
August 28th	South End Road	73-lbs. Whiting
November 26th	High Road	6 melons

The food exposed for sale on Saturdays, Sundays and upon Bank Holidays is under the constant supervision of the Sanitary Inspectors.

Food Premises.

Section 8 of the London County Council General Powers Act, 1908, considerably increases the power of sanitary authorities to improve the conditions of places where food is prepared or sold.

In 1915 the number of premises dealt with was 54. Of these 4 were found to have drain inlets inside; in 14 the drains were defective; in 47 structural defects of various kinds were present; 30 premises needed cleansing. To remedy these conditions, the following work was carried out:—In 8 instances the drains were entirely, and in 6 instances partially reconstructed; in 4 instances drain inlets were removed; in 47 instances minor defects were remedied and 30 premises were thoroughly cleansed under notice.

Fried Fish Shops.

The following is a list of the Fried Fish Shops in the Borough. These are now kept under systematic inspection.

TOWN WARD	...	7 Flask Walk and 2 New End Square.
BELSIZE WARD	...	106 Fleet Road and 70 Upper Park Road.
WEST END WARD	...	1a Broomsleigh Street; 86 Mill Lane and 1 Munro Terrace.
KILBURN WARD	...	132 High Road; 84 and 89 Kingsgate Road, 32 Netherwood Street and 95 Palmerston Road.
PRIORY WARD	...	6a West End Lane.

Ice Cream.

There are 81 shops in the Borough in which Ice Cream is sold. In regard to these, 137 inspections and 12 notices were served during the year.

In addition, the barrows standing in the street and on Hampstead Heath on Bank Holidays, have been inspected.

The following Sanitary work has been carried out during the year :

Premises repaired, cleansed or limewashed	...	19
Drains repaired or reconstructed	...	3
Soil Pipes ditto	...	1
Water closets repaired or renewed	...	2
„ cleansed	...	3
Waste pipes of sinks trapped, repaired or renewed	...	6
Yard paving repaired	...	4
Dustbins provided	...	1
Roofs, Gutters and rain water pipes repaired	...	5
Refuse removed	...	4
Other defects remedied	...	4

Bakehouses.

At the end of 1915 there were 35 occupied bakehouses on the register, 20 being underground and 15 above ground. Four of the bakehouses situated above ground and two underground use power, and are therefore factories.

Nineteen inspections were made in respect of the factory bakehouses, 66 inspections in respect of the workshop bakehouses and 4 notices were served.

The following is a list of the occupied bakehouses on the Register at the end of the year :—

TOWN WARD	...	3, & 67, High Street and 26, New End.
BELSIZE WARD	...	6, & *65, Fleet Road and 45, South End Road.
ADELAIDE WARD	...	*†44, England's Lane, *90, Haverstock Hill and *2, King's College Road.
CENTRAL WARD	...	*64, Belsize Lane, *225, & †307, Finchley Road, *98, West End Lane and †2, Broadhurst Gardens.

WEST END WARD ... †60, & 110, Cricklewood Broadway, †553, Finchley Road, Field Lane School, Hillfield Road, *43, & 44, Mill Lane, 4, Munro Terrace, Fortune Green, and 251, & *279 West End Lane.

KILBURN WARD ... *63, Hemstal Road, *94, & *354, High Road, Kilburn, *4, Kelson Street, 67, Kingsgate Road and *†99, Palmerston Road.

PRIORY WARD ... *202, & *228, Belsize Road, *98, Boundary Road, *93, Fairfax Road, *7, Fairhazel Gardens and *137, Finchley Road.

Those marked * are underground bakehouses.

Those marked † are factory bakehouses.

Bakehouses—Underground	...	20
„ Above ground	...	15
		—
Total	...	35
		—

Restaurant Kitchens, &c.

The total number of these premises on the register at the end of 1915 was 68. They are kept under regular supervision. 75 inspections have been made and 5 notices served during the year.

Meat Supply.

The Meat Supply of the Borough is good and in no case has any unsound or diseased meat been found by the Sanitary Inspectors during the year.

Slaughter Houses.

There are 4 Licensed Slaughter Houses in the Borough, situated at 40, England's Lane, and 17 and 69, High Street and 6, Fairfax Mews. These have been regularly inspected during the year; 51 inspections having been made.

In addition to quarterly limewashing one broken ceiling was repaired and one foul W.C. cleansed.

Sale of Food and Drugs Act.

506 samples were taken for analysis during the year. The number certified to be adulterated was 39 or 7·7 per cent. of the total number, as against 6·2 in 1914 and 3·7 in 1913. 9 samples were certified to be of low quality.

414 samples were purchased from Hampstead tradesmen and 92 from tradesmen coming from other districts. The percentage of adulterated samples in the two classes was 6·5 and 13·0 respectively.

32 samples were taken on Sundays :—2 or 6·2 per cent. were adulterated and 2 were of low quality.

The following table shows the articles of which samples were taken during the year :—

Articles.			No. taken.	Adulterated.	Low Quality.
Apples	...	...	1	—	—
Butter	...	...	167	15	1
Cheese	...	...	5	—	—
Cocoa	...	...	8	—	—
Coffee	...	...	12	—	—
Cream	...	...	9	5	—
Lard	...	...	31	—	—
Margarine	...	...	19	—	—
Milk	...	...	252	18	9
Sausages	...	...	2	1	—
Totals			506	39	10

The following table shows the articles adulterated, nature of adulteration, and the results of proceedings taken :—

No. of sample.	Article.	How Adulterated.	Result of Proceedings.
49	Butter ...	86% foreign fat ...	Informal sample
50	Butter ...	83% foreign fat ...	Informal sample
62	Butter ...	84% foreign fat ...	Informal sample
69	Butter ...	50% foreign fat ...	Informal sample
76	Butter ...	55% foreign fat ...	Fine £20. Also Fine £10 for selling article in unlabelled wrapper
98	Sausages	6½ grains of boric acid per lb. ...	Vendor written to
137	Milk ...	7% deficient in butter fat ...	Summons dismissed. Warranty proved
138	Milk ...	6% deficient in butter-fat ...	Summons dismissed. Warranty proved
140	Milk ...	8% deficient in butter-fat ...	Summons dismissed. Warranty proved
158	Milk ...	12% added water ...	Summons dismissed. Warranty proved
181	Milk ...	19% deficient in butter-fat ...	Fine £2, Costs 12/6
216	Milk ...	6% deficient in butter-fat ...	Summons dismissed. Warranty proved
233	Milk ...	20% deficient in butter-fat ...	Fine £1, Costs 10/6
241	Cream...	Trace of boric acid ...	No action
243	Butter ...	68% foreign fat ...	Informal sample
246	Milk ...	11% added water ...	Informal sample
248	Butter ...	85% foreign fat ...	Informal sample
249	Milk ...	8% added water... ...	Informal sample
252	Milk ...	15% added water ...	Informal sample
254	Milk ...	12% added water ...	Informal sample
255	Butter ...	84% foreign fat ...	Informal sample
261	Milk ...	4% added water & 10% deficient in butter-fat ...	Informal sample
262	Milk ...	12% added water ...	Informal sample
264	Butter ...	84½% foreign fat ...	Summons not served. Vendor left district
257	Cream...	Trace of boric acid ...	No action
275	Cream...	Unweighable trace of boric acid	No action
280	Cream...	17½ grains of boric acid per lb.	Vendor cautioned
289	Cream...	17½ grains of boric acid per lb.	Vendor cautioned
292	Butter ...	85% foreign fat ...	Informal sample
297	Milk ...	20% deficient in butter-fat ...	Summons dismissed. Warranty proved.
308	Butter ...	58% foreign fat ...	Informal sample
309	Butter ...	60% foreign fat ...	Informal sample
310	Butter ...	67% foreign fat ...	Informal sample
311	Butter ...	52% foreign fat ...	Fine £5, Costs 10/6
313	Milk ...	10% deficient in butter-fat ...	Fine 5/-, Costs 12/6
360	Milk ...	6% deficient in butter-fat ...	Fine 5/-, No Costs
391	Milk ...	2½% added water ...	No Fine, Costs 12/6
463	Butter ...	82% foreign fat ...	Fine 1/-, Costs 12/6
502	Milk ...	6% deficient in butter-fat ...	Fine 10/-, Costs 10/6

One Vendor was cautioned for selling margarine in an unlabelled wrapper.

Milk and Cream Regulations, 1912.

The object of these Regulations is to secure that cream containing preservative shall be distinguished at all stages of sale from cream to which no preservative has been added.

The following samples of Milk and Cream not sold as preserved cream, were taken during the year :—

1.—Milk ; and Cream not sold as preserved Cream.

	(a)—Number of samples examined for the presence of a preservative.	(b)—Number in which a preservative was reported to be present.
Milk	252	—
Cream	6	5

Three of these samples contained a trace of Boric Acid :—in regard to these no action was taken.

The other two each contained $17\frac{1}{2}$ grs. per lb.

Explanations were obtained and the vendors in each case were cautioned.

2.—Cream sold as Preserved Cream.

(a) Samples submitted for analysis to ascertain if the statements on the labels as to preservatives were correct :—1. Correct statements made, 3 ; 2. Statements incorrect, nil.

(b) Determinations made of milk fat in cream sold as preserved cream :—1. Above 35 per cent., 3 ; 2. Below 35 per cent., nil.

(c) Instances where (apart from analysis) the requirements as to labelling of preserved cream in Article V (1) and the proviso in Article V (2) of the regulations have not been observed :—nil.

(d) Particulars of each case in which the regulations have not been complied with, and action taken :—nil.

3.—Thickening substances.

(a) Addition to cream or to preserved cream, nil ; (b) Action taken where found, nil.

4—Other observations (if any), nil.

Percentage of Preservative found in each sample where this has been determined, and also the percentage indicated on the Statutory label :—

Official No.	Sample.	Analyst's Report.	Percentage on Statutory label.
241	Cream	A trace of Boric Acid	No label
257	Cream	" " "	"
275	Cream	Unweighable trace of Boric Acid ...	"
280	Cream	0·25 % Boric Acid ...	"
289	Cream	0·25 % "	"
271	Preserved Cream	0·13 % "	Not exceeding 0·5 % Boric Acid... ..
274	" "	0·12 % "	" "
304	" "	Genuine	" "

HOUSING.

Dwellings unfit for Habitation.

83, PALMERSON ROAD. This house was represented as being unfit for human habitation by my predecessor, Dr. McCleary, on the 20th December, 1910, and a Closing Order was made by the Council on the 12th January, 1911, since when it has been the subject of continuous litigation. It has been referred to year by year in my previous reports.

The following shows the further proceedings which have taken place during the year under review :—

- Jan. 8th. Summons against tenant for failing to vacate the premises restored and again adjourned pending the decision of the Local Government Board on Mr. Arlidge's appeal against refusal to determine Closing Order.
- Feb. 8th. Public Local Inquiry held by Inspector of the Local Government Board held at the Town Hall, upon appeal dated 28th May, 1912, by Mr. Arlidge against the refusal by the Council to determine Closing Order.
- Feb. 8th. Inspection of the premises by the Inspector of the Local Government Board accompanied by Mr. Arlidge, Mr. Harold Griffen and Mr. Hemmings, but Mr. Arlidge refused admission to the Senior Sanitary Inspector who attended on behalf of the Borough Council.
- Mar. 22nd. Order of the Local Government Board dismissing Mr. Arlidge's appeal and confirming the refusal by the Council to determine Closing Order.
- Mar. 29th. Further application by Mr. Arlidge to the Council to determine Closing Order.
- Apr. 23rd. Summons against the tenant restored and heard by Mr. Paul Taylor who made an order directing him to vacate the premises within 16 days and to pay £7 12s. 0d., costs.
- July 1st. Summons against the tenant for non-compliance with the Magistrate's order to vacate. Adjourned to 4th August by consent.
- July 7th. Writ of Summons in Chancery issued by Mr. Arlidge for an Injunction to restrain the Council from proceeding to enforce the Closing Order.
- July 30th. Motion for Injunction heard and refused by Mr. Justice Neville.
- Aug. 4th. Notice of Appeal to Court of Appeal against decision of Mr. Justice Neville.
- Aug. 4th. Summons against tenant for non-compliance with order of Magistrate, further adjourned *sine die*.
- Aug. 6th. Notice of Application to Lord Justice Pickford for order restraining Council from taking into consideration question of demolition until appeal heard.
- Aug. 9th. Application to Lord Justice Pickford when on Council undertaking not to demolish the house, no order made. Costs in action.
- Aug. 10th. Question of demolition considered by Public Health Committee in accordance with powers delegated to them by the Council. Demolition order made.

Aug. 10th. Application of Mr. Arlidge to the Council to determine Closing Order refused.

Aug. 17th. Notice of appeal to Local Government Board against refusal by Council to determine Closing Order.

Sept. 1st. Notice of appeal to Local Government Board against refusal by Council to determine the Demolition Order.

Sept. 30th. Matters reported to the Council and confirmed by them.

84 & 85, PALMERSTON ROAD. These houses belong to the same owner as No. 83, and the Council having authorised me to make survey and examination for the purpose of determining whether any powers under the Housing Act could be exercised in regard to the premises, I made several unsuccessful efforts to obtain admission to the premises.

Proceedings were taken against the owner for obstruction and he was fined 10/- with 10 guineas costs in regard to the obstruction at No. 84, and 10/- with 2 guineas costs in regard to the obstruction at No. 85, and the Magistrates made an order directing the owner to admit me to the premises.

Against this decision the owner appealed to the High Court. His appeal came before the Divisional Court, composed of the Lord Chief Justice, Ridley and Mr. Justice Shearman. On the 22nd June, 1915, the Appeal was unanimously dismissed.

An entry has not yet been made and as litigation in regard to No. 83 must govern the subsequent steps taken in regard to these houses, it is advisable that further action should not be taken until the pending action in regard to No. 83 has been finally disposed of.

1 & 7, PEBBLES MEWS. On the 13th July, the Local Government Board held a Public Local Enquiry in reference to the Appeal of the Owner against the Demolition Orders made by the Council, and the Local Government Board intimated their willingness to quash the Orders providing certain essential works are carried out and the premises used for some purpose other than for human habitation.

The following premises have been dealt with during 1915 :—

Premises.	Represented.	Closing Order.	Remarks.
2, Bolton Road (Front basement room)	23.2.15	4.3.15	Order has now been determined
23, Worsley Road	23.3.15	15.4.15	"
117, Abbey Road (2 basement rooms)	23.3.15	15.4.15	"
4 Lowfield Road	4.5.15	13.5.15	Work in hand
5 & 6, Fairfax Yard	5.10.15	28.10.15	"

The Water Supply of Tenement Houses.

During 1915, the powers conferred by Section 78 of the L.C.C. General Powers Act, 1907, have been exercised in regard to 89 houses, making a total of 770 houses which have been dealt with in Hampstead since the Act came into force.

Factories and Workshops Act.

Whilst maintaining careful supervision of the sanitary conditions of the workshops and workplaces, due regard has been paid to the altered conditions now pertaining. In many establishments women have taken the place of men, so that establishments are now employing

both sexes where they formerly employed one. The Local Government Board in a letter upon this subject dated 14th June, 1915, suggested that endeavours should be made to re-arrange things as to obviate the expense of providing double sanitary accomodation. These arrangements would be only temporary during the War. This suggestion was adopted and adhered to.

At the end of 1915 there were 418 workshops on the Register, of which 31 were domestic workshops. Excluding these, there were 644 males and 760 females employed therein. During the year 737 inspections were made and 24 notices served.

TRADE OR BUSINESS.	No. of Workshops.	Workshops other than Domestic Workshops.			Domestic Workshops.	Total No. of Workshops.
		No. of Work-rooms.	No. of Employees.			
			Males.	Females.		
Bakers	29	34	118	2	—	29
Blindmakers	3	5	5	5	—	3
Bootmakers	37	41	56	—	—	37
Builders and Carpenters ...	18	21	23	—	—	18
Cabinet Makers and Polishers.	2	6	33	—	1	3
Carriage Builders	6	14	22	—	—	6
Corset Makers	4	5	—	11	—	4
Cycle Makers and Repairers...	4	7	10	2	—	4
Dressmakers & Ladies Tailors	85	101	6	333	11	96
Florists	3	4	10	5	—	3
Harness Makers	4	6	12	—	—	4
Ironmongers	14	14	26	—	—	14
Laundresses	5	14	5	23	—	5
Milliners	26	26	—	66	1	27
Monumental Masons	2	2	17	—	—	2
Motor Makers	9	12	30	—	—	9
Outfitters	10	36	1	180	1	11
Pianoforte Makers	2	4	27	—	—	2
Picture Frame Makers	10	12	14	—	—	10
Sign Writers	2	6	11	—	—	2
Smiths	11	11	24	—	—	11
Tailors	28	34	49	25	12	40
Upholsterers	18	24	44	15	1	19
Watchmakers and Jewellers ...	12	13	18	—	—	12
Wigmakers	12	17	13	20	—	12
Miscellaneous	31	43	70	73	4	35
Totals	387	512	644	760	31	418

Inspections : (excluding bakehouses) 671

Cleanliness :

Workrooms requiring cleansing 21

Warming and ventilation :

Workshops inadequately ventilated 4

Gas stoves without flues 3

Warming unsatisfactory 4

Overcrowding :

Workrooms overcrowded 2

Abstract and Factory Act not exhibited :

Workshops 8

Workplaces.

1081 inspections of workplaces were made during the year and 44 notices were served.

Home-Work.

99 lists of outworkers were received from employers. These contained 239 entries. There are 67 outworkers' premises in Hampstead.

Outworkers' Lists, Section 107.									
*NATURE OF WORK.	Lists received from Employers.						Notices served on Occupiers as to keeping or sending lists.	Prosecutions.	
	Sending Twice in the year.			Sending Once in the year.				Failing to keep or permit inspection of lists	Failing to send lists.
	Lists†	Outworkers.†		Lists	Outworkers.				
		Contractors.	Workmen.		Contractors.	Workmen.			
1	2	3	4	5	6	7	8	9	10
Wearing Apparel—									
(1) making, etc. ...	64	38	87	5	3	3	—	—	—
(2) cleaning and washing...	12	25	—	—	—	—	—	—	—
Household linen ...	4	5	7	1	—	1	—	—	—
Lace, lace curtains and nets ...	—	2	2	—	—	—	—	—	—
Curtains & furniture hangings	8	1	12	—	—	—	—	—	—
Furniture and upholstery ...	2	5	17	1	1	—	—	—	—
Electro-plate ...	—	—	1	—	—	—	—	—	—
File-making ...	—	—	—	—	—	—	—	—	—
Brass and brass articles ...	—	1	2	—	1	—	—	—	—
Fur pulling... ...	—	—	—	—	—	—	—	—	—
Cables and chains ...	—	—	—	—	—	—	—	—	—
Anchors and grapnels ...	—	—	—	—	—	—	—	—	—
Cart gear ...	—	—	—	—	—	—	—	—	—
Locks, latches and keys ...	—	—	1	—	—	—	—	—	—
Umbrellas, etc. ...	—	9	—	—	—	—	—	—	—
Artificial flowers ...	—	—	—	—	—	—	—	—	—
Nets, other than wire nets ...	—	—	—	—	—	—	—	—	—
Tents... ...	—	—	—	—	—	—	—	—	—
Sacks... ...	—	—	—	—	—	—	—	—	—
Racquets and tennis balls ...	—	—	—	—	—	—	—	—	—
Paper, etc., boxes, paper bags	2	1	14	—	—	—	—	—	—
Brush making ...	—	—	—	—	—	—	—	—	—
Pea picking ...	—	—	—	—	—	—	—	—	—
Feather sorting ...	—	—	—	—	—	—	—	—	—
Carding, etc., of buttons, etc. ...	—	—	—	—	—	—	—	—	—
Stuffed toys ...	—	—	—	—	—	—	—	—	—
Basket making ...	—	—	—	—	—	—	—	—	—
Chocolates and sweetmeats ...	—	—	—	—	—	—	—	—	—
Cosaques, Christmas Crackers, Christmas Stockings, etc. ...	—	—	—	—	—	—	—	—	—
Textile weaving ...	—	—	—	—	—	—	—	—	—
Total ...	92	87	143	7	5	4	—	—	—

Outwork in unwholesome premises, Sec. 108, Nil ; Outwork in infected premises, Secs. 109-110, Nil.

* In the case of those occupiers who gave out work of more than one of the classes specified in Column 1, and subdivided their lists in such a way as to show the number of workers in each class of work, the list has been included among those in column 2 (or 5 as the case may be) against the principal class *only*, but the outworkers have been assigned in columns 3 and 4 (or 6 and 7) into their respective classes.

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

Registered Workshops.

<i>Workshops on the Register (s. 131) at the end of year.</i>							NO.
Bakehouses	...	...	...	...	...	...	29
Bootmakers	...	...	...	...	...	...	37
Dressmakers and ladies' tailors...	...	...	...	...	...	...	96
Laundries	...	...	...	...	...	...	5
Milliners	...	...	...	...	...	...	27
Tailors	...	...	...	...	...	...	40
Watchmakers and jewellers	...	...	...	...	...	...	12
Wigmakers	...	...	...	...	...	...	12
Other	...	...	...	...	...	...	160
Total number of workshops on Register							... 418

Other Matters.

Class (1)	NO. (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Acts (s. 133, 1901)	8
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901) :—	
Notified by H.M. Inspector	1
Reports (of action taken) sent to H.M. Inspector ...	1
Other	2
Underground Bakehouses (s. 101) in use at the end of the year...	20

Section C.**PREVALENCE OF & CONTROL OVER ACUTE
INFECTIOUS DISEASES.****NOTIFIABLE INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS).**

The list of Infectious Diseases notifiable in London during 1915, was as follows :—

Small-pox.	Typhoid or Enteric Fever.
Cholera.	Typhus Fever.
Diphtheria.	Relapsing Fever.
Membranous Croup.	Continued Fever.
Erysipelas.	Puerperal Fever.
Scarlet Fever.	Anthrax
Epidemic Cerebro-	Hydrophobia } Occurring in Man.
Spinal Meningitis.	Glanders
Plague.	Ophthalmia Neonatorum.
Polio-Myelitis.	Chicken-Pox.

(From March 17th—June 30th, 1915.)

Bacteriological Work.

The following is a Summary of the Bacteriological Work performed by the Lister Institute and at the Borough Council's Tuberculosis Dispensary :—

			Positive.	Negative.	Total.
Diphtheria	...	...	61	167	228
Enteric Fever	...	...	—	3	3

CASES OF INFECTIOUS DISEASE OCCURRING IN EACH MONTH DURING 1915.

DISEASE.	MONTHS.												Totals.
	January	February	March	April	May	June	July	August	September	October	November	December	
Diphtheria and Membranous Croup ...	13	12	8	12	10	17	10	9	8	16	13	10	138
Erysipelas ...	5	1	5	1	3	6	5	2	7	5	7	5	52
Scarlet Fever ...	17	18	15	16	17	11	11	17	23	19	14	14	192
Enteric Fever ...	1	2	—	—	—	1	1	—	1	1	3	2	12
Puerperal Fever ...	1	1	—	1	—	—	—	—	—	—	—	—	3
Polio-Myelitis ...	—	—	—	—	1	—	—	—	1	—	—	—	2
Ophthalmia Neonatorum ...	3	—	4	1	4	1	—	2	—	—	—	1	16
Epidemic Cerebro-Spinal Meningitis ...	—	3	2	3	2	—	—	—	—	—	—	—	10
Chicken-pox ...	—	—	7	10	3	19	1	—	—	—	—	—	40
Totals ...	40	37	41	44	40	55	28	30	40	41	37	32	465

Small-Pox.

No cases of small-pox occurred in Hampstead during the year.

Vaccination.

Of the 1236 births recorded 613 were successfully vaccinated. In two cases the children were insusceptible of vaccination. In regard to 260, Certificates of Conscientious Objection were obtained ; 60 died before vaccination was performed ; 27 cases of vaccination were postponed and 274 remained to be dealt with.

I am indebted to the Vaccination Officer for these statistics.

Diphtheria and Membranous Croup.

The number of cases notified in 1915 was 130, as compared with 224 in 1914. The attack rate, or number of cases notified per 1,000 of the population was 1.59 compared with the rate of 2.58 in the previous year.

The number of cases notified proving fatal was 10, or 7.69 per cent. of the cases notified, as against 3.6 per cent. in 1914. The death-rate per 1,000 of the population, calculated on the total deaths was 0.12. 104 patients, or 80 per cent. of the cases notified were removed to hospital.

In accordance with the Diphtheria Anti-toxin (London) Order, 1910, the Borough Council supply anti-toxin free to medical practitioners for use for the poorer inhabitants of the Borough.

Erysipelas.

Fifty-two cases were notified, but no deaths occurred, as compared with 44 cases and 2 deaths in 1914. The attack rate, per 1,000 of the population, was .63. Of the cases notified 16, or 30 per cent. were removed to the Hampstead Workhouse Infirmary or Nursing Homes.

Scarlet Fever.

192 cases of scarlet fever were notified during the year. The number of cases per 1,000 of the population was 2.34; the corresponding figure in 1914 being 3.20. 2 cases proved fatal. The death-rate per 1,000 of the population was .02. Of the cases notified 160 or 83 per cent. were removed to hospital.

Enteric Fever.

The number of cases notified was 12. The attack-rate per 1,000 of the population was .14. One of the cases notified proved fatal. 7 other deaths from this disease were allocated to Hampstead, but they were notified in other districts.

Puerperal Fever.

Three cases were notified, one of which proved fatal. The Ward Distributions of the cases was as follows:—Town 1, Belsize 1, West End 1. All the cases were removed from their homes for proper nursing.

Epidemic Cerebro-Spinal Meningitis.

This disease, popularly known as "spotted fever," was made notifiable on 15th August 1912.

During 1915, 10 cases were notified, 4 of whom died. The mode of infection in this disease is not clear, although the disease is epidemic in character. 3 of the 10 cases notified were soldiers. The war would seem to have made the disease more prevalent and special care was taken of all the cases which occurred in the Borough.

Acute Polio-Myelitis.

Two cases of this disease occurred, no deaths.

Ophthalmia Neonatorum.

16 cases were notified during the year. This is the first complete year that has transpired since the disease became notifiable. I consider this is a high incident for this disease, which will probably tend to become less when the disease is better understood. Some of the doctors have notified cases of inflammation of the eyes but they are not of the specific nature which the Regulations are designed to cover. Many of our cases were so. In none was there any evidence of really bad nursing and in no case was any permanent injury left. With proper nursing arrangements the complaint would rarely ever occur.

Principal Epidemic Diseases.

Enteric Fever.	Scarlet Fever.	Small-pox.
Whooping Cough.	Measles.	Diphtheria.

All of these, with the exception of measles and whooping cough, are notifiable diseases. The total number of deaths from the principal epidemic diseases amounted to 36 and the death-rate was 0.44 per 1,000 of the population.

Measles.

Sixteen deaths were recorded from this disease as compared with 2 in 1914. The mortality was 0·19 per 1,000 of the population, the mortality in 1914 being 0·02.

The following table shows the number of reported cases of measles occurring each month in the various Wards:—

Month.	No. 1 (Town).	No. 2 (Belsize).	No. 3 (Adelaide).	No. 4 (Central).	No. 5 (West End).	No. 6 (Kilburn).	No. 7 (Priory).	Totals.
January ...	1	—	—	—	2	1	—	4
February...	8	—	1	2	16	25	6	58
March ...	15	7	9	1	24	43	3	102
April ...	22	15	—	6	11	75	15	144
May ...	24	14	1	3	—	46	5	93
June ...	4	—	1	4	4	15	8	36
July ...	2	5	1	2	26	7	4	47
August ...	—	—	—	—	—	—	—	—
September	—	1	—	—	1	3	2	7
October ...	—	—	—	—	—	3	1	4
November	—	—	—	—	—	9	—	9
December	4	—	—	—	2	26	—	32
Totals ...	80	42	13	18	86	253	44	536

In 137 cases, or 25 per cent. of the reported cases, no doctor was in attendance.

The total number of visits and re-visits paid to measles cases during 1915 by the two lady inspectors was 664.

Disinfection.

No. of Articles Disinfected.		No. of Articles Destroyed.	
Beds ...	287	Beds ...	3
Mattresses ...	370	Mattresses...	7
Palliasses ...	36	Bolsters ...	3
Bolsters ...	585	Pillows ...	11
Pillows ...	1769	Blankets ...	5
Blankets ...	2251	Sheets ...	9
Sheets ...	1137	Counterpanes ...	3
Counterpanes ...	932	Articles of Clothing	4
Articles of Clothing	7238	Linen Articles ...	12
Carpets ...	169	Miscellaneous ...	4
Linen Articles ...	3525		
Books ...	351		
Miscellaneous ...	983		
Total ...	19633	Total ...	61

Number of premises disinfected ... 1398

„ rooms, &c., „ ... 1614

The amount of disinfection carried out by the Council has increased enormously in late years. In the near future the Council will undoubtedly have to consider the reorganisation of the arrangements and an increase in the disinfecting staff.

Whooping Cough.

Eight deaths occurred from Whooping Cough as against 16 in 1914. The mortality rate per 1000 of the population was .09. The total number of visits paid to cases of Whooping Cough by the two Lady Sanitary Inspectors was 35.

Diarrhœa and Enteritis.

The deaths at all ages from diarrhœa and enteritis in Hampstead during 1915 numbered 18. Of these 14 occurred during the first year of life. The deaths in the 1st, 2nd, 3rd and 4th quarters of the year were as follows :—5, 4, 4, 1. The deaths from these diseases at various age periods in the last three years is as follows :—

YEAR.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 years and upwards.	All ages.
1912	2	—	—	—	—	2	4	7	15
1913	13	1	2	—	—	1	1	—	18
1914	7	2	1	1	—	1	2	2	16
1915	14	—	1	—	—	2	—	1	18
Totals ...	36	3	4	1	—	6	7	10	67

The following are the deaths from diarrhœa and enteritis in recent years :—

1906 ...	30	*1911 ...	35
1907 ...	14	1912 ...	15
1908 ...	22	1913 ...	18
1909 ...	11	1914 ...	16
1910 ...	15	1915 ...	18

*This was a year of extra heat.

Section D.

PREVALENCE OF AND CONTROL OVER TUBERCULOSIS.

The number of deaths from tuberculosis in 1915 was 71. Of these 48 deaths were due to pulmonary tuberculosis, 9 to tuberculous meningitis and 14 to other forms of tuberculosis.

The following table shows the number of deaths and the death-rates from all forms of tuberculosis and from consumption respectively since 1899 :—

Year.	Total deaths from Tuberculosis.	Death-rate per 1,000 population.	Deaths from Consumption.	Death-rate per 1,000 population.	Cases of Consumption notified.
1899	98	1.21	81	0.98	—
1900	92	1.13	69	0.85	—
1901	118	1.44	73	0.89	—
1902	97	1.18	73	0.89	51
1903	90	1.09	66	0.80	34
1904	102	1.23	73	0.88	39
1905	95	1.14	73	0.87	27
1906	79	0.94	57	0.68	35
1907	92	1.09	61	0.72	55
1908	84	0.99	74	0.87	30
1909	75	0.88	53	0.62	67
1910	80	0.94	58	0.68	77
1911	70	0.82	56	0.65	113
1912	77	0.88	64	0.74	183
1913	61	0.81	49	0.56	300
1914	71	0.82	57	0.66	172
1915	71	0.86	48	0.58	172

The deaths from consumption and from all forms of tuberculosis during 1915 were distributed among the wards as follows :—

Ward.	Area (Acres).	Estimated Population middle of 1915.	Consumption.		Tuberculosis (All Forms).	
			Deaths.	Death-rate per 1000 of the Population	Deaths.	Death-rate per 1000 of the Population
No. 1 (Town) ...	686	13550	5	.36	6	.44
" 2 (Belsize) ...	271	13250	5	.37	10	.75
" 3 (Adelaide) ...	325	9150	2	.21	6	.65
" 4 (Central) ...	312	9500	6	.63	8	.84
" 5 (West End) ...	247	12390	11	.88	14	1.13
" 6 (Kilburn) ...	195	14440	12	.83	18	1.24
" 7 (Priory) ...	229	9480	7	.73	9	.94
The Borough ...	2265	81760	48	.58	71	.86

The following table shows the age distribution of patients dying from Pulmonary Tuberculosis in Hampstead in the thirteen years 1903—1915.

YEAR.	AGE PERIOD.					ALL AGES.
	0—5	5—15	15—25	25—65	65	
1903	—	1	14	46	5	66
1904	1	1	15	53	3	73
1905	1	—	12	57	3	73
1906	1	—	8	45	3	57
1907	1	2	10	45	3	61
1908	—	2	14	55	3	74
1909	1	1	12	37	2	53
1910	1	1	12	37	7	58
1911	1	1	5	44	5	56
1912	2	2	13	45	2	64
1913	—	1	4	39	5	49
1914	—	2	10	42	3	57
1915	—	1	7	37	3	48
Totals	9	15	136	582	47	789

The deaths from all forms of Non-Pulmonary Tuberculosis was 23 in 1915, distributed in age periods as follows:—0-5 5; 5-15 8; 5-25 5; 25-65 5.

The total number of notification certificates (including duplicates) received during 1915, relating to Hampstead patients was 314, i.e. :—260 Pulmonary and 54 Non-Pulmonary cases.

In accordance with the terms of the Regulations, a Register is kept in which the full particulars of each notification are set out. A weekly statement of these is sent to the County Medical Officer. The notes of investigations are indexed and filed and comprise a full record of Tuberculosis in the Borough. This is of great assistance in the efforts which are being taken to control the disease.

The unsatisfactory home conditions found upon investigating the new cases of Pulmonary Tuberculosis notified in 1915 were as follows :—

Unsatisfactory Home Conditions.	Pulmonary Cases.	Non-Pulmonary Cases.
Overcrowding	2	1
Inadequate Ventilation	4	1
Inadequate Lighting	2	1
Dampness	10	2
Other Insanitary Conditions ...	17	5

Occupations.

The following is an analysis of the occupation of the cases notified as tuberculous :—

Occupation.	Pulmonary.	Non-Pulmonary.	Occupation.	Pulmonary.	Non-Pulmonary.
Accountant ...	1	—	Machine Minder	1	—
Arc Lamp Trimmer	1	—	Manager ...	2	—
Barmaid ...	1	—	Mechanic ...	2	—
Bootmaker ...	1	—	Medical Practitioner (retired)	1	—
Bricklayer ...	3	—	Milk Carrier ...	1	—
Butcher ...	—	1	Miner ...	1	—
Caretaker ...	2	—	Naval Gunner (discharged) ...	1	—
Charwoman ...	2	1	Needlewoman ...	3	—
Chemist ...	—	1	No occupation ...	10	14
Clerk ...	7	—	Nurse Attendant	1	1
Coachman ...	1	—	Packer ...	1	1
Commercial Traveller ...	1	—	Plumber's Mate...	—	1
Companion ...	2	—	Police Constable	2	—
Cutler ...	1	—	Porter ...	2	—
Domestic Servant	11	2	Restaurant Keeper	1	—
Dressmaker ...	1	1	Scaffolder ...	1	—
Electrician ...	—	1	School child ...	24	18
Engineer ...	2	—	Shop Assistant ...	4	2
Factory Hand ...	1	—	Silversmith ...	1	—
Farm Hand ...	1	—	Soldier ...	7	—
Gardener ...	2	—	Solicitor ...	1	—
House Decorator	1	—	Stock Exchange	1	—
Housekeeper ...	1	—	Student ...	3	—
Housewife ...	29	1	Tailor ...	—	1
Journalist ...	1	—	Ticket Collector	1	—
Labourer ...	1	—	Tobacconist ...	2	—
Laundress ...	2	—	Upholsterer ...	2	—
Lecturer ...	1	—	Watchman ...	1	—
Librarian ...	—	1	No information...	17	1
Linesman ...	1	—			
Total number of Pulmonary Cases ...			172		
Total number of Non-Pulmonary Cases ...			48		

Removal of Cases.

Of the cases of Pulmonary Tuberculosis newly notified in 1915, 63 were removed : 36 to Sanatoria, 9 to Hospitals, 5 to Infirmaries and 13 to Nursing and other Homes. 21 of the newly notified cases of non-pulmonary tuberculosis were removed : 18 to Hospitals and Sanatoria and 3 to the Infirmary. Of the pulmonary cases notified prior to 1915, 17 were removed : 12 to Sanatoria, 1 to Hospital and 4 to the Infirmary. 3 cases of non-pulmonary notified in 1915 were removed to Hospitals, Homes, etc.

Preventive and Curative Measures.

The action taken by the Public Health Department during the year has followed the line indicated in my Annual Reports for 1912, 1913 and 1914.

The Municipal Tuberculosis Dispensary.

The action taken by the Department during 1915 varies little from the preceding year. The same routine is gone through in each case. The Public Health Department supervises the preventive side and the Tuberculosis Dispensary the clinical side.

Our efforts have been hindered by the absence of Nurse Goodchild on active service, but a temporary part-time nurse obtained from the Kilburn and West Hampstead District Nursing Association has been quite satisfactory. With the return of a full-time nurse I am of opinion the work of the district will be enhanced.

During the year an agreement has been arrived at with Mount Vernon Hospital, for linking up the tuberculosis work of the Borough with that hospital.

Briefly the agreement with Mount Vernon is as follows :—

That in consideration of payments made by the Council to the hospital, the hospital undertakes :

To nominate a junior member of their visiting staff as the tuberculosis medical officer of the Borough of Hampstead. This appointment to be annual.

The officer will be a part time officer and will fulfil all the duties of the tuberculosis medical officer as outlined by the interim report of the Departmental Committee and the Order of the Local Government Board dated July 26th, 1912.

He is responsible for all the clinical work of the Borough and is in charge of the Tuberculosis Dispensary. He undertakes all the bacteriological and pathological work necessary. Although clinically uncontrolled he is in all other respects under the direction of the Medical Officer of Health and forms part of his staff.

During the existence of this agreement, the Hospital grants to the Council the use of their premises in Fitzroy Square as a consultation centre or for special pathological work or for special form of treatment which may be necessary, and the Tuberculosis Medical Officer has also the right of consulting with other members of the visiting staff of Mount Vernon Hospital in any case in which he deems a consultation would be of benefit to his patient.

This arrangement has been at work during the latter months of 1915 and is proving satisfactory so far. It is the most promising scheme we have yet tried.

Report on the work of the Hampstead Municipal Tuberculosis Dispensary from 1st January to 31st December, 1915.

During the year 308 persons have applied for treatment, and of these 91 were found to be tuberculous and were dealt with at the Dispensary as their circumstances demanded.

Table I. shows the number of applications for each individual month, and indicates the proportion of insured persons under the National Insurance Act who applied for treatment, and the number of those who were found to be tuberculous.

TABLE I.

TOTAL NUMBER OF APPLICATIONS MADE DURING THE YEAR 1915.

Month.	Tuberculous.			Non-Tuberculous.			Totals.		
	Insured	Non-Insured	Total.	Insured	Non-Insured	Total.	Insured	Non-Insured	Total.
January ...	2	1	3	4	22	26	6	23	29
February ...	1	5	6	3	23	26	4	28	32
March ...	4	1	5	2	28	30	6	29	35
April ...	1	3	4	1	15	16	2	18	20
May ...	3	3	6	1	20	21	4	23	27
June ...	3	11	14	3	11	14	6	22	28
July ...	2	3	5	4	7	11	6	10	16
August ...	—	—	—	5	8	13	5	8	13
September ...	8	8	16	2	11	13	10	19	29
October ...	3	9	12	2	17	19	5	26	31
November ...	4	6	10	1	10	11	5	16	21
December ...	2	8	10	1	16	17	3	24	27
Totals ...	33	58	91	29	188	217	62	246	308

During the year 146 patients, new and old, have been treated at the Dispensary. Insured: Pulmonary, 32; Non-Pulmonary, 4; Total, 36. Non-Insured: Pulmonary, 85; Non-Pulmonary, 25; Total, 110. Details made up as follows:—

TABLE II.

	Males.	Females.	Children under 14.	Total.
Pulmonary ...	26	55	36	117
Non-pulmonary ...	3	5	21	29
TOTALS ...	29	60	57	146

Attendances.—The attendances made by these patients during the year was 899. 137 by insured and 762 by non-insured persons. 73 attended for the purpose of observation, namely, 7 insured and 66 non-insured, who made 288 attendances, 25 by insured and 263 by non-insured.

Contacts.—158 contacts were examined. Of these 11 were found to be suffering from Pulmonary and 5 from Non-Pulmonary Tuberculosis. These were treated at the Dispensary.

Home Visits.—459 domiciliary visits have been made, 175 by the Tuberculosis Medical Officer and 284 by the Tuberculosis Nurse.

Patients Discharged.—33 patients were discharged as follows:—Referred back to Panel Doctor, 1; Improved, 9; Much improved, 3; Arrested, 17; Found after observation to be non-tubercular, 12.

39 patients were dealt with as follows:—10 were sent to Sanatoria, Hospitals and Nursing Homes (other than Poor Law), 2 were sent to the Workhouse Infirmary, 6 left the district and 21 ceased attending.

Bacteriological Examination of Sputa.—154 specimens were examined in the laboratory, of which 40 proved to be positive and 114 negative.

Total Attendances.					
January	...	120	July	...	142
February	...	139	August	...	72
March	...	138	September	...	119
April	...	125	October	...	214
May	...	108	November	...	186
June	...	128	December	...	192
		Total	...	1683.	

Section E.

MEANS FOR PREVENTING MORTALITY IN CHILDREN AND IN INFANCY.

Notification of Births.

By the Notification of Births Act 1907 all births are required to be notified to the Medical Officer of Health within 36 hours of their occurrence. This is in addition to the usual registration with the Registrar of Births.

In 1915, 1,177 births were notified, including 18 still births. 294 were notified by medical practitioners, 223 by midwives, 496 by parents and 146 from other sources. In 858 cases the parents were visited and 179 re-visits were made.

When the mother is able to get about she is visited by a Health Visitor employed by the Borough Council and invited to bring her baby to one of the three Weighing Centres which are at work in the Borough.

The following are the addresses and days and hours of weighings:—

Health Institute, Kingsgate Road	...	Wednesdays, 2.30 to 4.30.
Lyndhurst School, Lyndhurst Road	...	Thursdays, 2.30 to 4.
Emmanuel Hall, Broomsleigh Street	...	Fridays, 2.30 to 4.

At each Centre at these times a doctor is in attendance together with the Lady Health Visitor of the Borough Council and such voluntary helpers as are appointed for those days. The work of the Centres has increased materially during the year and quite a fair number of Belgian and French babies have attended the weighings.

The following Table gives briefly the work done at each Centre:—

	Health. Institute.	Emanuel Hall.	Lyndhurst Hall.	Total.
No. Weighed	410	58	174	642
Total Attendances	2226	285	851	3362
Average attendance	46	7	17	70
Highest attendance on one day...	62	12	31	105
Maximum attendance of any one infant	44	17	30	91

Thus it will be seen that of the 1,177 births notified during 1915 no less than 642 attended the Weighings, which is undoubtedly a high percentage of the births of the Borough, considering that such a large number of our babies are born in well-to-do families.

Mortality among Young Children.

The following table shows the Infantile Mortality rate and the Death rate among children under five years of age. The latter rate is calculated upon a period of five years.

YEAR.	Deaths of Infants under 1 year of age.		Deaths of Children under 5 years of age.	
	No.	Rate per 1000 Births.	No.	Rate per 1000 Children born in the year and in preceding 4 years.
1901 ...	155	102	233	30·2
1902 ...	133	88	195	25·2
1903 ...	126	87	177	23·1
1904 ...	161	111	226	30·0
1905 ...	133	94	189	25·7
1906 ...	111	77	171	23·5
1907 ...	98	69	154	21·7
1908 ...	97	69	122	17·3
1909 ...	99	74	148	21·3
1910 ...	81	60	132	19·2
1911 ...	105	82	152	22·7
1912 ...	79	62	131	19·8
1913 ...	91	69	149	22·7
1914 ...	91	72	129	20·0
1915 ...	101	76	144	22·2

Infant Mortality.

Our Infantile Mortality is, nevertheless, higher than the last three preceding years. This appears to be solely due to the large number of deaths of infants under one year of age, the cause of whose deaths has been certified as due to premature birth. The question of reducing deaths from this cause is under consideration and it is hoped that the ante-natal clinic now being organised will have the effect of reducing the infantile mortality, from this cause.

The number of deaths under one year per 1,000 births was 76·0, as compared with the rate of 72·0 in 1914. This rate is calculated upon the total number of births belonging to Hampstead, including those that occurred in Lying-in Institutions outside the Borough. The average rate for the years 1910–1915 was 68·9.

Deaths among Legitimate and Illegitimate Infants.

The death rate among illegitimate children is a matter of great difficulty to deal with. Illegitimate children seldom receive the same maternal care that is bestowed upon legitimate children, and that they should be looked after as well as circumstances will permit is important and to ensure this, special attention is now being given to all illegitimate births which come under our notice.

I have prepared the following figures to show the great difference that exists in the infantile death-rates of legitimate and illegitimate children under one year of age.

Year.	Legitimate Infants.		Infantile death-rate per 1,000 births.	Illegitimate Infants.		Infantile death-rate per 1,000 births.
	Births.	Deaths.		Births.	Deaths.	
1906	1403	106	75	34	5	147
1907	1298	85	65	43	13	302
1908	1326	87	66	29	10	345
1909	1239	88	71	43	11	256
1910	1233	71	57	36	10	278
1911	1239	94	76	37	11	297
1912	1207	68	56	74	11	149
1913	1252	73	58	73	18	246
1914	1218	77	63	55	14	254
1915	1246	82	65	81	19	234

TABLE I.

(Required by the Local Government Board to be used in the Annual Report of the Medical Officer of Health).

VITAL STATISTICS OF WHOLE BOROUGH DURING 1915 AND PREVIOUS YEARS.

YEAR.	Population estimated to middle of each year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE BOROUGH.		TRANSFERABLE DEATHS†		NETT DEATHS BELONGING TO THE BOROUGH.			
		Uncorrected Number.	Nett.		Number.	Rate.	of Non-residents registered in the Borough.	of Residents not registered in the Borough.	Under 1 Year of age		At all ages.	
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1910	85210	1270	1340	15.7	1071	12.6	350	108	81	60.4	829	9.7
1911	85599	1199	1276	14.9	1132	13.2	415	130	105	82.3	847	9.9
1912	85966	1224	1281	14.9	1106	12.9	387	142	79	61.7	861	10.0
1913	86346	1258	1325	15.0	1273	14.5	474	153	91	68.7	951	10.8
1914	86731	1213	1273	14.7	1145	13.2	420	188	91	71.5	913	10.5
1915	81760	1222	1327	16.2	1228	14.5	442	245	101	76.1	994	12.1

† "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided.

Area of Borough in acres (exclusive of area covered by water), 2253.	Total population at all ages, 85,495.	} At Census of 1911.
Total number of buildings used as dwellings, 11,976.	Average number of persons per house, 7.1.	
Number of ordinary dwelling houses, 10,062.	Average number of persons per house, 6.7.	

TABLE II.

(Required by the Local Government Board to be used in the Annual Report of the Medical Officer of Health).

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1915.

Notifiable Disease.	Number of Cases Notified.								Total Cases Notified in each Ward.							Total Cases removed to Hospital.			
	At all Ages.	At Ages—Years.							Ward No. 1 (Town).	Ward No. 2 (Belsize).	Ward No. 3 (Adelaide).	Ward No. 4 (Central).	Ward No. 5 (West End).	Ward No. 6 (Kilburn).	Ward No. 7 (Priory).				
		Under 1.	1 & under 5.	5 & under 15	15 & under 25	25 & under 45	45 & under 65	65 and upwards.											
Small Pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera, Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	130	3	34	58	21	11	3	...	34	35	13	9	13	14	12	...	...	...	104
Erysipelas	52	2	2	...	4	14	24	6	11	3	2	5	4	22	5	...	...	...	16
Scarlet Fever	179	1	40	96	26	16	...	...	36	16	11	10	48	42	16	...	...	...	147
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	11	...	...	1	4	5	1	...	...	2	...	6	2	1	...	...	...	...	8
Relapsing Fever (Continued Fever) ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	3	...	...	...	2	1	...	...	1	1	...	...	1	...	...	...	...	...	3
Cerebro-spinal Meningitis	8	...	1	...	3	3	...	1	...	1	4	1	...	2	...	...	...	...	4
Polio-Myelitis	2	...	...	1	1	...	...	...	...	1	...	...	...	1	...	...	...	...	1
Ophthalmia Neonatorum	16	16	...	...	...	...	...	...	3	1	...	...	3	9	...	...	...	...	1
Pulmonary Tuberculosis (1)	172	...	2	25	30	80	33	2	21	24	24	13	23	50	17	...	...	...	63 ^o
Other forms of Tuberculosis (2)	48	2	10	16	9	9	2	...	5	6	3	...	7	21	6	...	...	...	21 ^o
Chicken Pox	40	1	7	25	6	1	...	...	11	15	1	3	2	1	7	...	...	...	...
Totals	661	25	96	222	106	140	63	9	122	105	58	47	103	163	63	...	...	...	367

Isolation Hospitals are provided by the Metropolitan Asylums Board, and residents of Hampstead suffering from infectious disease (excluding Tuberculosis) were chiefly removed to the North-Western Fever Hospital, which is within the Borough, and is situate at Lawn Road, in No. 2 (Belsize) Ward. Persons suffering from Pulmonary Tuberculosis were removed to institutions in various parts of the country.

^o These figures relate only to cases notified for the first time in 1914.
 (1) Of these 142 cases, 124 were notified on Form A, 8 on Form C, and 10 on Form D.
 (2) Of these 30 cases, 25 were notified on Form A, 4 on Form C, and 1 on Form D.

TABLE III.

(Required by the Local Government Board to be used in the Annual Report of the Medical Officer of Health.)

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1915.

Causes of Death.				Nett Deaths at the subjoined ages of "Residents," whether occurring within or without the Borough.										Total Deaths, whether of "Residents" or "Non-residents" in Institutions in the Borough.
				All ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 years and upwards.		
1				2	3	4	5	6	7	8	9	10	11	
All causes	{ Certified (a)	...	...	994	101	22	21	29	34	115	260	412	519
	{ Uncertified	...	...	...	...	...	...	...	...	...	...	...	...
1	Enteric Fever	...	...	1	...	...	...	...	...	1	...	...	8
2	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...
3	Measles	...	...	16	4	9	1	1	...	...	1	...	16
4	Scarlet Fever	...	...	2	...	1	1	...	...	...	...	...	49
5	Whooping-cough	...	...	8	3	2	2	1	...	...	...	...	2
6	Diphtheria and Croup	...	...	9	...	...	4	4	...	1	...	...	96
7	Influenza	...	...	23	1	...	...	...	...	3	8	11	...
8	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...
9	Phthisis (Pulmonary Tuberculosis)	...	...	48	...	...	...	1	7	21	16	3	63
10	Tuberculous Meningitis	...	...	9	...	...	3	4	1	1	...	...	7
11	Other Tuberculous Diseases	...	...	14	...	...	2	4	4	2	2	...	15
12	Cancer, malignant disease	...	...	118	...	...	...	...	2	9	61	46	65
13	Rheumatic Fever	...	...	4	...	...	...	1	1	...	2	...	1
14	Meningitis (b)	...	...	7	1	1	...	2	...	1	2	...	14
15	Organic Heart Disease	...	...	123	...	...	...	1	3	11	44	64	32
16	Bronchitis	...	...	73	5	...	...	...	...	1	16	51	10
17	Pneumonia (all forms)	...	...	82	13	6	4	1	4	8	16	30	28
18	Other Diseases of Respiratory Organs	...	...	7	...	...	...	...	...	...	4	3	4
19	Diarrhoea and Enteritis (c)	...	...	14	14	...	...	...	...	...	...	...	5
20	Appendicitis and Typhlitis	...	...	7	...	...	...	2	1	1	3	...	2
21	Cirrhosis of Liver	...	...	8	...	...	...	...	...	3	4	1	...
21 ^a	Alcoholism	...	...	3	...	...	...	...	...	...	3	...	...
22	Nephritis and Bright's Disease	...	...	38	...	...	...	...	1	4	16	17	10
23	Puerperal Fever	...	...	1	...	...	...	...	...	1	...	...	4
24	Other accidents and diseases of Pregnancy and Parturition	...	...	4	...	...	...	...	...	4	...	...	...
25	Congenital Debility and Malformation, including Premature birth	...	...	50	48	...	1	...	...	1	...	...	8
26	Violent Deaths, excluding Suicide	...	...	33	4	1	1	1	4	8	4	10	17
27	Suicides	...	...	11	...	...	...	...	...	9	1	1	6
28	Other Defined Diseases	...	...	77	8	2	1	6	5	24	56	175	57
29	Diseases ill-defined or unknown	...	...	4	...	...	1	...	1	1	1	...	...
Sub-Entries, included in above figures.				994	101	22	21	29	34	115	260	412	519	
14 (a).	Cerebro-spinal Meningitis	...	...	4	...	1	...	...	...	1	2	...	7
28 (a).	Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...

All "Transferable Deaths" of residents, *i.e.*, of persons resident in the Borough who died outside it, have been *included* with the other deaths in columns 2-10. Transferable deaths of non-residents, *i.e.*, of persons resident elsewhere in England and Wales who died in the Borough have in like manner been *excluded* from these columns.

(a) All deaths certified by registered Medical Practitioners and all Inquest cases are classed as "Certified": all other deaths are regarded as "Uncertified."

(b) Exclusive of "Tuberculous Meningitis" (see title 10), but inclusive of Cerebro-spinal Meningitis.

(c) Title 19 is used for deaths from Diarrhoea and Enteritis at *all ages*.

TABLE IV.

(Required by the Local Government Board to be used in the Annual Report of the Medical Officer of Health.)

INFANT MORTALITY, 1915.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER ONE YEAR OF AGE.

Causes of Death.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
All Causes	{ Certified ...	29	6	4	2	41	16	21	12	11	101
	{ Uncertified ...	...	...	...	...	...	...	...	...	...	...
	Small-pox ...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox ...	...	...	...	...	...	...	...	...	...	...
	Measles ...	...	...	1	...	1	...	...	...	3	4
	Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough...	...	...	...	...	...	1	...	1	1	3
	Diphtheria & Croup	...	...	...	...	...	...	...	...	...	...
	Erysipelas ...	...	...	...	...	...	...	...	...	...	...
	Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...
	Abdominal Tuberculosis (a)	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...	...	1	...	...	1
	Meningitis (not Tuberculous)...	...	...	...	...	...	1	1	...	...	2
	Convulsions ...	...	...	...	...	...	...	...	...	...	...
	Laryngitis ...	...	...	...	...	...	...	...	...	1	5
	Bronchitis ...	...	1	...	...	1	1	2	...	1	5
	Pneumonia (all forms)	...	...	...	...	...	2	5	3	3	13
	{ Diarrhoea ...	...	...	...	...	...	3	2	1	1	7
	{ Enteritis ...	...	...	...	...	...	2	2	3	...	7
	Gastritis ...	...	...	...	...	...	...	...	...	...	...
	Syphilis ...	...	...	...	...	...	1	...	...	...	1
	Rickets...	...	...	...	...	...	...	...	...	1	1
	Suffocation, overlying	...	...	...	...	...	...	3	...	...	3
	Injury at Birth ...	...	...	...	...	...	...	...	...	...	...
	Atelectasis ...	4	1	...	...	5	...	...	...	...	5
	{ Congenital Malformations (b)	2	...	...	...	2	1	...	...	...	3
	{ Premature Birth ...	13	3	1	2	19	...	1	...	...	20
	{ Atrophy, Debility, Marasmus	8	1	2	...	11	3	3	3	...	20
	Other causes ...	2	...	...	...	2	1	1	1	1	6
TOTALS ...		29	6	4	2	41	16	21	12	11	101

Nett Births in the year: legitimate, 1246; illegitimate 81.

Nett Deaths in the year of: legitimate infants, 84; illegitimate infants, 17.

(a) Under Abdominal Tuberculosis have been included deaths from Tuberculosis Peritonitis and Enteritis and from Tabes Mesenterica.

(b) The total deaths from Congenital Malformations, Premature Birth, Atrophy, Debility and Marasmus, equal the total in Table III, under the heading Congenital Debility and Malformation including Premature Birth.

Want of Breast Milk has been included under Atrophy and Debility.

TABLE V.

(This table was suggested by the Medical Officer of Health to the County of London in order to secure uniformity of tabulation in the Annual Reports of the Medical Officers of Health of the Metropolitan Boroughs.)

PREMISES.	Number on register at end of 1914.	Number added in 1915.	Number removed in 1915.	On register at end of 1915.	Number of inspections 1915.	Number of prosecutions, 1915.
Cowsheds ...	—	—	—	—	—	—
Milkshops ...	98	—	—	98	267	—
Houses let in lodgings ...	405	—	—	405	920	—
Ice cream premises ...	83	—	2	81	137	—

Slaughter-houses.—Number of inspections, 52 ; notices, 2.

Offensive Trades.—Number of inspections, nil ; notices, nil.

Smoke Nuisances.—Number of observations, 14 ; nuisances and complaints, 8 ; notices, 2 ; summonses, nil.

Housing of the Working Classes.—Number of houses inspected, 27 ; dealt with under section 15 of the Housing, Town Planning, etc., Act, 1909, nil ; representations, 3 ; closing orders, 3 ; houses remedied without closing orders, 23 ; remedied after closing orders, 2 ; houses demolished, nil ; in respect of which closing orders had been made, empty at end of year, nil.

Underground Rooms.—Number illegally occupied, 26 ; closed or illegal occupation discontinued, 15 ; where necessary works completed or in hand, 11.

Overcrowding.—Number of rooms overcrowded, 8 ; remedied, 8 ; prosecutions, nil.

Cleansing.—Number of adults cleansed, 2 ; children cleansed, 536 ; rooms cleansed, 38 ; premises cleansed, 20.

Water Supply to Tenement Houses.—Number of premises supplied, 89 ; prosecutions, nil.

Inland Revenue Act (applications for certificates).—Number of houses, 24 ; tenements included therein, 48 ; applications granted, 14—houses comprising 14 dwellings : refused, nil ; deferred or withdrawn, 17.

Sale of Food.—Number of premises used, other than ice-cream premises, milkshops and cowsheds, 54 ; inspections, 288.

Disinfection Shelter.—Number of persons accommodated, nil.

Mortuary.—Number of bodies received, 103 ; infectious bodies, 3.

TABLE VI.

Vital Statistics of the Borough.

Number of ordinary dwelling houses ... 10,062
 Population 67,146 } At Census 1911.
 Average number of persons per house ... 67

In these Tables the Birth-rate is calculated upon the 1914 Population.

Year.	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis.)				Pulmonary Tuberculosis.	
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 Births.	Cases Notified (excluding Chicken-pox).	Attack-rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	82,380	1,516	18.4	904	11.0	133	87.7	460	5.6	33	0.40	73	0.89
1903	82,730	1,453	17.6	837	10.1	126	86.7	311	3.7	16	0.19	66	0.80
1904	83,080	1,445	17.4	892	10.7	161	111.4	301	3.6	20	0.24	73	0.89
1905	83,430	1,421	17.0	823	9.9	133	93.6	295	3.5	14	0.17	73	0.87
1906	83,780	1,437	17.1	850	10.1	111	77.2	557	6.6	22	0.26	57	0.68
1907	84,130	1,359	16.1	817	9.7	98	73.1	498	5.9	15	0.18	61	0.72
1908	84,480	1,400	16.6	803	9.5	97	69.3	383	4.5	20	0.24	74	0.88
1909	84,830	1,328	15.6	839	9.9	99	74.5	325	3.8	21	0.25	53	0.62
1910	85,210	1,340	15.7	829	9.7	81	60.4	233	2.8	13	0.16	58	0.68
1911	85,599	1,276	14.9	847	9.9	105	82.3	345	4.0	25	0.29	56	0.65
1912	85,966	1,281	14.9	861	10.0	79	61.7	320	3.7	25	0.29	64	0.74
1913	86,346	1,325	15.0	951	10.8	91	68.7	374	4.3	13	0.15	49	0.56
1914	86,731	1,273	14.7	913	10.5	91	71.5	583	6.7	23	0.26	57	0.66
1915	81,760	1,327	15.3	904	12.1	101	76.1	425	5.1	17	0.20	48	0.58

TABLE VI. (1).

Vital Statistics of No. 1 (Town) Ward.

Year	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis.)				Pulmonary Tuberculosis.	
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 Births.	Cases notified (excluding Chicken-pox).	Attack-rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	12,120	192	15.8	163	13.4	20	104.1	64	5.3	4	0.33	17	1.40
1903	12,310	194	15.7	127	10.3	14	72.1	38	3.1	1	0.08	11	0.89
1904	12,500	195	15.6	125	10.0	20	102.5	65	5.2	4	0.32	13	1.04
1905	12,690	194	15.3	127	10.0	24	123.7	72	5.7	3	0.24	9	0.79
1906	12,870	205	15.9	131	10.2	21	102.4	107	8.3	6	0.47	5	0.39
1907	13,070	185	14.1	152	11.6	15	81.1	105	8.0	2	0.15	13	0.99
1908	13,250	225	17.0	108	8.1	11	48.8	65	4.9	1	0.07	7	0.53
1909	13,430	196	14.6	140	10.4	15	76.5	53	3.9	4	0.30	6	0.45
1910	13,610	199	14.6	118	8.7	15	75.4	25	1.8	1	0.07	6	0.44
1911	13,820	207	15.0	133	9.6	19	91.8	71	5.1	7	0.51	7	0.51
1912	14,040	183	13.0	135	9.6	12	65.5	47	3.3	2	0.14	5	0.36
1913	14,250	201	13.8	161	11.1	11	54.7	61	4.3	3	0.21	11	0.76
1914	14,400	152	10.5	130	9.1	14	92.1	131	9.1	6	0.42	5	0.35
1915	13,550	157	10.9	147	10.8	17	108.2	86	6.3	1	0.07	5	0.36

TABLE VI. (2).

Vital Statistics of No. 2 (Belsize) Ward.

Year.	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis).			Pulmonary Tuberculosis.		
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 births.	Cases notified (excluding Chicken-pox).	Attack rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	13,030	239	18.3	135	10.4	18	75.3	94	7.2	9	0.69	15	1.15
1903	13,110	211	16.1	121	9.2	13	61.6	60	4.6	2	0.14	13	0.99
1904	13,200	217	16.4	141	10.7	23	105.9	47	3.6	3	0.23	12	0.91
1905	13,280	209	15.7	131	9.9	13	62.2	42	3.2	2	0.15	10	0.75
1906	13,370	187	14.0	127	9.5	8	42.8	60	4.5	4	0.30	13	0.97
1907	13,450	205	15.2	114	8.5	13	63.4	63	4.7	3	0.22	10	0.74
1908	13,530	205	15.1	126	9.3	8	39.0	81	6.0	1	0.07	16	1.18
1909	13,610	204	15.0	130	9.5	16	78.4	88	6.5	5	0.37	8	0.59
1910	13,710	207	15.1	119	8.7	9	43.5	49	3.6	2	0.14	8	0.58
1911	13,780	189	13.7	135	9.7	17	90.0	78	5.7	2	0.14	10	0.72
1912	13,830	188	13.6	127	9.2	8	42.5	62	4.5	4	0.29	7	0.51
1913	14,000	214	15.0	126	8.8	16	74.7	52	3.7	5	0.35	5	0.35
1914	14,100	195	13.8	141	10.0	9	46.1	89	6.3	6	0.42	11	0.78
1915	13,250	317	22.4	144	10.8	12	37.8	65	4.90	4	0.30	6	0.45

TABLE VI. (3).

Vital Statistics of No 3 (Adelaide) Ward.

Year.	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis).			Pulmonary Tuberculosis.		
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 births.	Cases notified (excluding Chicken-pox).	Attack-rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	10,350	103	9.9	95	9.6	3	29.1	40	3.9	2	0.19	7	0.68
1903	10,310	95	9.2	101	9.8	9	94.7	22	2.1	1	0.10	1	0.10
1904	10,260	100	9.7	99	9.6	13	130.0	36	3.5	2	0.19	8	0.78
1905	10,220	96	9.4	92	9.0	4	41.7	27	2.6	1	0.10	4	0.39
1906	10,170	97	9.5	92	9.0	10	103.1	29	2.8	...	...	5	0.49
1907	10,120	75	7.4	86	8.5	8	106.7	29	2.9	1	0.10	2	0.20
1908	10,070	93	9.2	78	7.7	6	64.6	30	3.0	2	0.20	4	0.40
1909	10,040	83	8.3	88	8.8	4	48.2	16	1.6	2	0.20	3	0.30
1910	10,000	96	9.6	78	7.8	2	20.8	22	2.2	1	0.10	5	0.50
1911	9,950	82	8.2	99	9.9	6	73.2	19	1.9	3	0.30	3	0.30
1912	9,930	117	11.8	77	7.7	6	51.3	24	2.4	1	0.10	9	0.91
1913	9,780	97	9.7	99	9.9	9	92.8	27	2.8	...	...	4	0.40
1914	9,730	88	9.0	99	10.2	5	56.8	28	2.9	...	...	2	0.20
1915	9,150	77	7.9	104	11.3	5	64.9	30	3.2	2	0.21	2	0.21

TABLE VI. (4).

Vital Statistics of No. 4 (Central) Ward.

Year.	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis.)				Pulmonary Tuberculosis.	
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 Births.	Cases Notified (excluding Chicken-pox).	Attack-rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	9,190	110	12.0	71	7.7	11	100.0	40	4.3	...	...	5	0.54
1903	9,260	99	10.7	60	6.5	8	80.8	34	3.7	4	0.43	4	0.43
1904	9,330	90	9.6	62	6.6	11	122.2	17	1.8	...	...	1	0.11
1905	9,400	113	12.0	60	6.4	5	44.2	24	2.5	1	0.11	6	0.64
1906	9,470	95	10.0	83	8.8	3	31.6	34	3.6	...	...	2	0.21
1907	9,540	108	11.3	68	7.1	9	83.3	33	3.4	2	0.21	5	0.52
1908	9,610	104	10.8	82	8.5	6	57.7	33	3.4	1	0.10	7	0.73
1909	9,680	116	12.0	63	6.5	3	25.9	29	3.0	2	0.21	3	0.31
1910	9,770	105	10.7	82	8.4	8	76.2	28	2.9	2	0.20	3	0.31
1911	9,859	92	9.3	75	7.6	8	87.0	25	2.5	1	0.10	3	0.30
1912	9,876	97	9.8	76	7.7	4	41.2	29	2.9	1	0.10	6	0.61
1913	9,996	91	8.9	84	8.2	6	65.9	38	3.8	...	...	...	...
1914	10,061	84	8.3	76	7.5	4	47.6	26	2.6	2	0.20	6	0.60
1915	9,500	91	9.0	92	9.7	4	42.5	34	3.5	2	0.21	6	0.62

TABLE VI. (5).

Vital Statistics of No. 5 (West End) Ward.

Year	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis.)				Pulmonary Tuberculosis.	
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 Births.	Cases notified (excluding Chicken-pox).	Attack-rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	12,250	275	22.4	107	8.7	20	72.1	102	8.3	6	0.49	6	0.49
1903	12,320	243	19.7	111	9.0	21	86.4	55	4.5	2	0.16	12	0.97
1904	12,380	283	22.8	120	9.7	22	77.7	70	5.6	3	0.24	8	0.65
1905	12,450	250	20.1	131	10.5	23	92.0	29	2.3	2	0.16	11	0.88
1906	12,510	259	20.7	115	9.2	14	54.1	168	13.4	5	0.40	8	0.64
1907	12,580	250	19.9	114	9.1	16	64.0	153	12.2	4	0.32	9	0.71
1908	12,640	254	20.1	121	9.6	26	102.4	68	5.4	10	0.79	9	0.71
1909	12,700	239	18.8	118	9.3	13	54.1	51	4.0	2	0.16	6	0.47
1910	12,770	216	16.9	121	9.5	17	78.7	44	3.4	4	0.31	11	0.86
1911	12,850	216	16.8	102	7.9	15	69.4	44	3.4	5	0.39	10	0.78
1912	12,890	226	17.5	126	9.8	13	57.5	65	5.0	10	0.77	12	0.93
1913	13,050	240	18.0	145	10.9	11	45.8	59	4.5	1	0.07	7	0.53
1914	13,100	256	19.5	140	10.7	18	70.3	68	5.2	1	0.08	14	1.07
1915	12,390	218	16.6	151	12.1	13	59.6	72	5.8	3	0.24	11	0.88

TABLE VI. (6).

Vital Statistics of No. 6 (Kilburn) Ward.

Year.	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis).				Pulmonary Tuberculosis.	
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 births.	Cases notified (excluding Chicken-pox).	Attack rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	14,790	435	29.4	219	14.8	45	103.4	76	5.1	11	0.74	16	1.08
1903	14,800	417	28.2	184	12.4	39	93.5	59	4.0	3	0.20	18	1.22
1904	14,810	408	27.5	206	13.9	54	132.3	43	2.9	8	0.54	22	1.48
1905	14,820	426	28.7	171	11.5	50	117.4	57	3.8	2	0.13	26	1.75
1906	14,840	444	29.9	197	13.3	41	92.0	128	8.6	5	0.34	15	1.01
1907	14,850	391	26.3	179	12.0	28	71.6	86	5.8	3	0.20	16	1.08
1908	14,880	393	26.4	186	12.5	30	76.3	72	4.8	4	0.27	21	1.41
1909	14,890	341	22.9	182	12.2	37	108.5	67	4.5	6	0.40	17	1.14
1910	14,900	379	25.4	192	12.9	24	63.3	52	3.5	3	0.20	16	1.07
1911	14,920	347	23.2	179	12.0	31	89.3	82	5.5	6	0.40	16	1.07
1912	15,000	353	23.5	188	12.5	26	73.6	70	4.7	6	0.40	14	0.93
1913	15,200	354	22.8	213	13.7	25	70.6	110	7.2	3	0.19	18	1.16
1914	15,300	385	25.2	212	13.8	25	64.9	186	12.1	6	0.40	13	0.85
1915	14,440	329	21.5	230	15.8	40	121.5	98	6.7	3	0.20	11	0.76

TABLE VI. (7).

Vital Statistics of No. 7 (Priory) Ward.

Year.	Population estimated to middle of year.	Births.		Deaths.		Infantile Deaths.		Notifiable Infectious Diseases (excluding Tuberculosis).				Pulmonary Tuberculosis.	
		Number.	Estimated rate per 1000 of the Population.	Number.	Estimated rate per 1000 of the Population.	Number.	Rate per 1000 births.	Cases notified (excluding Chicken-pox).	Attack rate per 1000 of the Population.	Deaths occurring.	Death-rate per 1000 of the Population.	Deaths.	Death-rate per 1000 of the Population.
1902	10,650	162	15.2	110	10.3	16	98.7	44	4.1	1	0.94	7	0.66
1903	10,620	194	18.3	116	10.9	21	108.2	43	4.0	3	0.28	5	0.47
1904	10,600	152	14.3	121	11.4	13	85.5	23	2.2	...	...	9	0.85
1905	10,570	133	12.6	103	9.7	14	105.3	44	4.2	3	0.28	7	0.66
1906	10,550	150	14.2	93	8.8	9	60.0	31	2.9	2	0.19	8	0.76
1907	10,520	127	12.1	94	8.9	7	55.1	29	2.7	...	...	6	0.57
1908	10,500	126	12.0	93	8.8	10	79.3	34	3.2	1	0.09	7	0.67
1909	10,480	149	14.2	111	10.6	11	73.8	21	2.0	...	...	8	0.76
1910	10,450	138	13.2	111	10.6	6	43.5	13	1.2	...	...	8	0.76
1911	10,420	143	13.7	115	11.0	9	63.0	26	2.5	1	0.09	5	0.48
1912	10,400	117	11.1	115	10.9	7	59.8	28	2.2	1	0.09	10	0.96
1913	10,070	128	12.5	117	11.4	12	93.7	27	2.7	1	0.10	3	0.29
1914	10,040	113	11.2	110	10.9	16	141.6	55	5.5	2	0.20	5	0.50
1915	9,480	138	13.7	126	13.2	10	72.4	40	4.2	2	0.21	7	0.73

TABLE VII.

Vital Statistics of Hampstead, compared with England and Wales.

Year.	Birth-rate per 1000.		General death-rate per 1000.		Natural increase Hampstead.	Notifiable Infectious disease rate per 1000. †Hampstead.
	Hampstead.	England and Wales.	Hampstead.	England and Wales.		
1875	22.6	35.4	12.5	22.7	394	—
1876	24.4	36.3	15.2	20.9	367	—
1877	24.0	35.0	13.7	20.3	413	—
1878	24.5	35.6	14.8	21.6	409	—
1879	22.8	34.7	13.2	20.7	365	—
1880	24.1	34.2	12.6	20.5	521	—
1881	23.8	33.9	12.7	18.9	502	—
1882	23.6	33.8	13.0	19.6	546	—
1883	23.8	33.5	11.2	19.5	685	—
1884	22.0	33.6	12.5	19.5	554	—
1885	21.2	32.9	11.5	19.0	593	—
1886	21.0	32.8	12.2	19.3	554	—
1887	21.9	31.9	11.0	18.8	628	—
1888	20.5	31.2	10.6	17.8	616	—
1889	21.0	31.1	10.7	17.9	728	—
1890	21.9	30.2	13.1	19.1	613	—
1891	21.5	31.4	12.2	22.5	670	4.5
1892	20.4	30.5	12.4	19.0	591	8.0
1893	20.5	30.8	12.9	19.2	547	11.1
1894	19.6	29.6	10.8	16.6	674	6.2
1895	19.8	30.2	13.4	18.7	452	7.3
1896	19.1	29.7	12.0	17.1	546	7.8
1897	20.2	29.7	11.6	17.4	568	5.1
1898	18.1	29.4	11.4	17.6	599	5.7
1899	19.7	29.3	11.4	18.3	650	6.0
1900	20.0	28.7	11.3	18.3	699	5.8
1901	18.3	28.5	10.6	16.9	633	5.6
1902	18.4	28.6	11.0	16.2	612	*5.6
1903	17.6	28.4	10.1	15.4	616	*3.8
1904	17.4	27.9	10.7	16.2	553	*3.6
1905	17.0	27.2	9.9	15.2	598	3.5
1906	17.1	27.0	10.1	15.4	587	6.6
1907	16.1	26.3	9.7	15.0	524	5.9
1908	16.6	26.5	9.5	14.7	597	4.5
1909	15.6	25.6	9.9	14.5	489	3.8
1910	15.7	24.8	9.7	13.4	511	2.7
1911	14.9	24.4	9.9	14.6	429	*4.0
1912	14.9	23.8	10.0	13.3	420	3.7
1913	15.0	23.9	10.8	13.7	374	4.3
1914	14.7	23.8	10.5	14.0	360	6.7
1915	*15.3	21.8	12.1	14.8	333	*5.1

* Excluding Chicken-pox, which was notifiable during certain periods of these years.

† Excluding notifications of Pulmonary Tuberculosis 1902-1913, and all forms of Tuberculosis since 1913.

Section G.

LEGAL PROCEEDINGS.

Legal proceedings were taken by the Council in connection with the work of the Health Department in 41 cases during the year. The chief facts relating to these proceedings are summarised below. The facts relate only to the cases that were heard and decided in 1915.

Statute or Byelaw.	Number of Prosecutions.	Fines.	Costs.
		£ s. d.	£ s. d.
Public Health (London) Act, 1891, and Bye-laws made thereunder ...	10	3 0 0	3 10 0
Metropolis Management Acts, and Bye-laws made thereunder	2	1 0	1 0 6
Sale of Food and Drugs Act	20	40 0 0	3 12 6
Housing, Town Planning, etc., Act, 1909	9	1 0 0	20 2 0
Totals ...	41	44 1 0	28 5 0

Appendix.

REPORT OF THE PUBLIC ANALYST ON THE ANALYTICAL WORK OF THE YEAR.

ANALYTICAL LABORATORY,
TOWN HALL, PADDINGTON, W.

January 25th, 1916.

A resumé of the analytical work of the year 1915 may be of interest. A total of 506 samples was analysed. These comprised Milk 252 samples, Butter 167, Lard 31, Margarine 19, Coffee 12, Cream 9, Cocoa 8, Cheese 5, Sausages 2 and Apples 1.

The adulterated samples were 18 of Milk and 15 of Butter, while 4 samples of Cream and 1 of Sausages were found to contain Boric Acid as a preservative.

The total adulteration this year reached to $7\frac{1}{2}$ per cent.; the previous year it was $6\frac{1}{4}$ per cent. The most adulterated article this year was Butter, 9 per cent; the previous year it was $3\frac{1}{3}$ per cent. Milk this year shows $7\frac{1}{10}$ of the adulterated samples as against 8 per cent. the previous year.

The general public do not avail themselves of the Adulteration Acts; all the samples were procured by your Inspector.

I have the honour to remain,

Yours obediently,

ALF. W. STOKES,

Public Analyst.

