

## **[Report of the Medical Officer of Health for Hornsey, Borough of].**

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# Borough of Hornsey.

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## REPORT

ON THE

## HEALTH OF THE BOROUGH

FOR THE YEAR 1905,

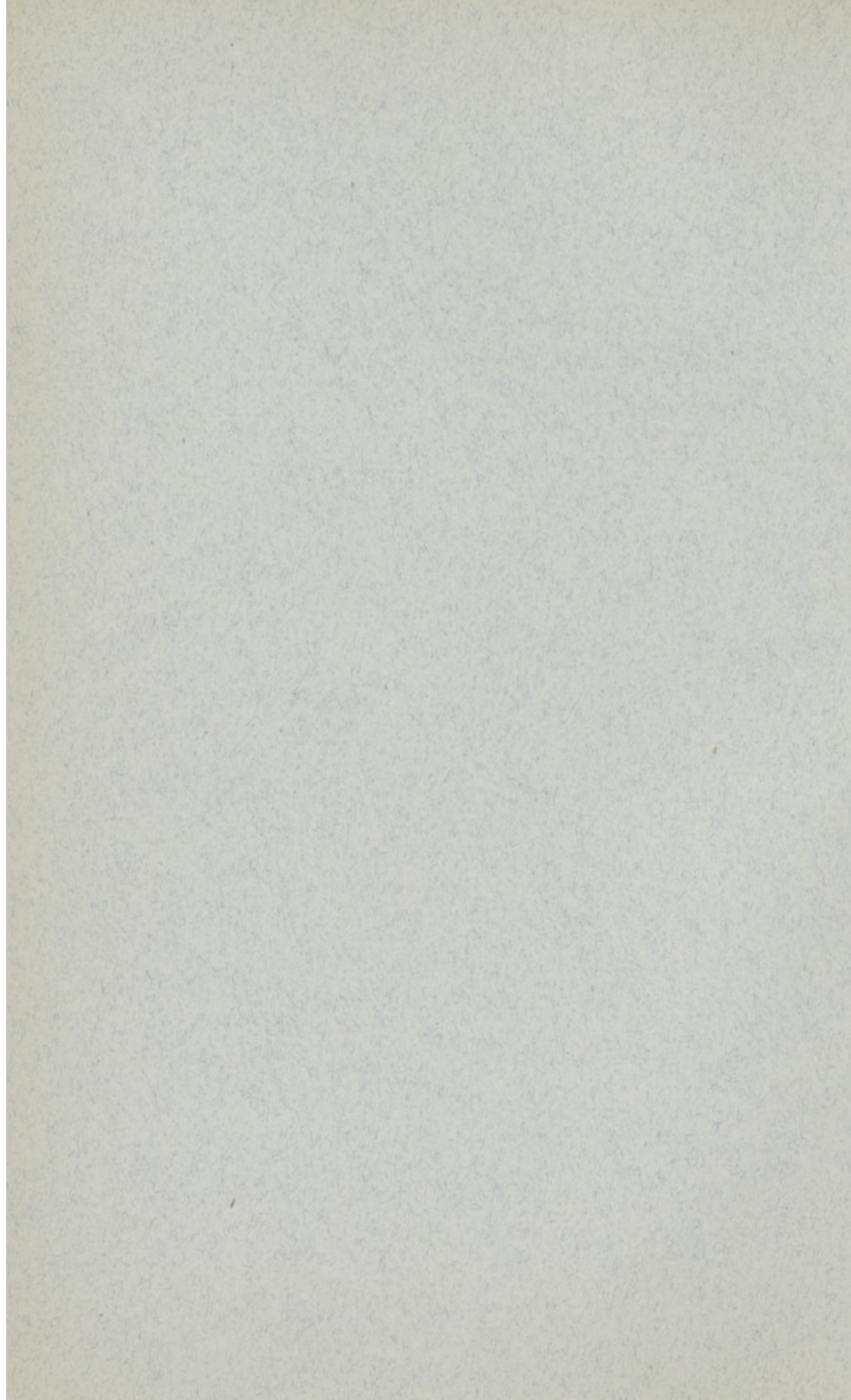
BY

**HAROLD COATES, M.D., D.P.H., Barrister at Law,**

*Medical Officer of Health,*

*Medical Superintendent of the Borough  
Isolation Hospital, and*

*Medical Officer to the Education  
Authority.*







# BOROUGH OF HORNSEY.

## PUBLIC HEALTH AND HOSPITAL COMMITTEE

THE MAYOR (Councillor H. B. BRACKENBURY, J.P.).

Chairman, Alderman C. D. DIXEY.

Alderman A. C. MELLUISH.	Councillor F. J. HOW.
Councillor J. G. BUSKIN.	„ R. KNOX.
„ H. E. COOPER.	„ N. REYNOLDS.
„ A. C. DOVE.	„ A. STOREY.
„ J. R. FARQUHARSON.	„ J. M. VINEY.
„ W. GASKELL.	„ J. F. WHYTE and
„ J. A. HEWSON.	„ W. WHYTE.

## MEDICAL OFFICER OF HEALTH'S DEPARTMENT.

Chief Sanitary Inspector	... .. Mr. W. THORPE (Assoc. Royal San. Inst.)
Assistant do.	... .. Mr. W. H. PERKS (Cert. Royal San. Inst.)
Clerk	... .. Mr. S. GILBERT.
Matron of the Borough Hospital	... Miss A. GILES.
Veterinary Inspector under Contagious Diseases of Animals Acts	... .. Mr. WM. LEWIS, M.R.C.V.S.
Inspector under Shop Hours' Acts	... Mr. A. L. BRIDGE.
Do. Employment of Children Act	Mr. F. J. PATEMAN.
Medical Officer of Health, Medical Superintendent of Borough Isola- tion Hospital, and Medical Officer to the Education Authority	... HAROLD COATES, M.D., D.P.H.



*To His Worship the Mayor, the Aldermen, and the Members of  
the Council of the Borough of Hornsey.*

GENTLEMEN,

I beg to present to you my Report on the health of the Borough of Hornsey for the year 1905.

The birth-rate, which has been steadily falling for more than twenty years, is 18.38, a lower figure than ever before recorded. In 1894 the birth-rate was 33.6.

The death-rate is again an extremely low one, and is, in fact, the lowest on record for Hornsey and, I imagine, for any large town.

Even more gratifying is the very low Infantile mortality, viz., 67, as against 86 last year and an average yearly rate for the last 10 years of 99. Here again the rate is the lowest ever recorded.

The number of cases of infectious disease notified is higher than in the previous year, but is well under the average yearly number for the last 10 years.

The statistics relating to deaths from Cancer and Tuberculosis are set out in considerable detail in the report.

I am, Gentlemen,

Your obedient Servant,

HAROLD COATES, M.D., D.P.H.,

## BOROUGH OF HORNSEY.

### SUMMARY OF STATISTICS.

Area in acres ... ..	2,874
Rateable value (District Rate) ... ..	£621,709
Population Census 1901 ... ..	72,056
Estimated Population 1905 ... ..	85,213
Number of persons per acre, 1905 ... ..	29.6
"    "    " house, 1905 ... ..	5.741
Estimated birth-rate per 1,000 living, 1905 ... ..	18.38
Average birth-rate for previous 10 years ... ..	20.84
Estimated death-rate per 1,000 living, 1905 ... ..	8.16
Deaths under 1 year of age, per 1,000 births, 1905	67
Death-rate from Zymotic diseases, 1905 ... ..	0.445

Infectious Disease (Notification) Act, 1889, adopted October, 1889.

Infectious Disease (Prevention) Act, 1890, adopted October, 1890.

Public Health Acts Amendment Act, 1890, Parts 2, 3 and 5  
adopted October, 1890.

Housing of the Working Classes Act, 1890, Part 3, adopted July,  
1896.

**Population.**—The estimate of the population of the Borough at the middle of 1905 is based upon the number of occupied houses as ascertained from the rate books, and upon the average number of persons per house as shown by the last census returns. Calculated in this way, the estimated population of Hornsey at the middle of 1905 was 85,213 persons.

The estimated population in 1904 was 84,227 persons, so that in the twelve months it is estimated that the population of the Borough has increased by 986 persons.

During this period the number of births in the Borough has been 1,567, and the number of deaths 696, or an excess of births over deaths of 871.



The increase of population has, therefore, been largely a natural increase, and comparatively little is due to excess of immigration over emigration as regards this district.

The increase of population is this year much smaller than in previous years.

The following table shows the estimated population for each Ward in 1904 and 1905, with the increase or decrease which has taken place in the interval:—

Ward.	Estimated population, 1904.	Estimated population, 1905.	Variation during the year, 30th June, 1904, to 30th June, 1905.	
			Increase.	Decrease.
Highgate ... ..	11,879	12,101	222	—
Muswell Hill .. ..	9,955	10,613	658	—
Crouch End ... ..	5,292	5,362	70	—
West Hornsey ... ..	11,134	12,131	997	—
East Hornsey ... ..	12,162	12,125	—	37
North Haringey ... ..	10,306	10,186	—	120
South Haringey ... ..	5,891	5,938	47	—
Stroud Green .. ..	10,352	9,518	—	834
Finsbury Park ... ..	7,256	7,239	—	17
THE BOROUGH ... ..	84,227	85,213	1,994	1,008

Perhaps the most striking feature is the large decrease in the population of the Stroud Green Ward. There were about 160 fewer occupied houses at the middle of 1905 than at the corresponding period of 1904. Towards the end of the year, however, many of these houses were again becoming occupied.

The rate of growth in the West Hornsey Ward is maintained at about the same level as in the previous year, and it now appears to be the most populous ward in the Borough. In Finsbury Park, North and South Haringey, and East Hornsey Wards there is no room for expansion by the erection of new houses, and, if the population increases at all, it can only be by an increase of the number of inhabitants per house. Probably in some parts such a change is going on.

**Density of Population.**—The density of the population is, for 1905, equal to 29.6 persons per acre, as compared with 29.4 persons per acre in 1904.



The following table shows the density of population for each Ward:—

Ward.	Area in acres.	Population.	Number of persons per acre.
Highgate ... ..	709.5	12,101	17
Muswell Hill ... ..	663.5	10,613	16
Crouch End ... ..	376	5,362	14
West Hornsey ... ..	227.5	12,131	53
East Hornsey ... ..	195.5	12,125	62
North Haringey ... ..	125	10,186	81
South Haringey ... ..	109	5,938	54
Stroud Green ... ..	269	9,518	35
Finsbury Park ... ..	199	7,239	36
	2,874	85,213	29.6

The following table shows the Ward populations at the census, the estimated population 1905, and the increase in  $4\frac{1}{4}$  years:—

Ward.	Population, Census 1901.	Estimated Population, June 30th, 1905.	Increase in $4\frac{1}{4}$ years.
Highgate ... ..	10,176	12,101	1,925
Muswell Hill ... ..	5,833	10,613	4,780
Crouch End ... ..	4,761	5,362	601
West Hornsey ... ..	18,662	12,131	5,594
East Hornsey ... ..		12,125	
North Haringey ... ..	10,129	10,186	57
South Haringey ... ..	5,917	5,938	21
Stroud Green ... ..	9,356	9,518	162
Finsbury Park ... ..	7,222	7,239	17
	72,056	85,213	13,157

There has been a remarkable growth of population in the Muswell Hill Ward since the date of the Census, the increase dur-

ing the  $4\frac{1}{2}$  years being equal to nearly 82 per cent. of the census population.

In the combined West and East Hornsey Ward (what was in 1901 the Hornsey Ward), the increase of population during the same period is equal to 30 per cent. of the original population.

In Highgate the increase has been nearly 16 per cent., and in Crouch End 11 per cent., and in the other Wards the increase has been trifling.

**Births.**—The number of births recorded during 1905 was 1,567. This is a decrease in the number of births, as compared with 1904, of 92.

Ten of the births occurred in the Edmonton Workhouse.

The birth-rate for the year was 18.38, and that for 1904 was 19.69, a considerable fall in a birth-rate, already very low.

Of the 1,567 recorded births 25 were illegitimate.

The number of births and the birth-rate for each quarter of the year is as follows:—

1905.	HORNSEY.		ENGLAND AND WALES.
	No. of Births.	Birth-rate.	Birth-rate.
1st Quarter	379	17.79	28.3
2nd „	402	18.87	27.8
3rd „	410	19.24	27.3
4th „	376	17.64	25.5
	1,567	18.38	27.2

The birth-rates in certain other towns are given below:—

London and Greater London.			Towns of approximately equal population to Hornsey.		
Croydon	...	26.4	Reading	...	25.43
Willesden	...	29.8	Wolverhampton	...	28.7
Tottenham	...	28.9	Coventry	...	28.9
West Ham	...	30.5	St. Helens	...	36.0
East Ham	...	29.8	Huddersfield	...	23.8
Finsbury	...	29.4	York	...	27.9
Leyton	...	30.5	Swansea	...	30.9
Hornsey	...	18.38	Stockport	...	27.1
			Northampton	...	20.9
			Middlesborough	...	34.9
England and Wales			...	...	27.2
76 Great Towns			...	...	28.2

The following table gives the number of births during the year and the birth-rates for each ward of the Borough:—

WARD.	Number of Births recorded during 1905.	Birth-rate.
Highgate .. ..	178	14·70
Muswell Hill ...	157	14·79
Crouch End .. ..	70	13·05
West Hornsey .. ..	350	28·86
East Hornsey .. ..	280	23·09
North Harringey ..	220	21·59
South Harringey ..	94	15·83
Stroud Green .. ..	98	10·29
Finsbury Park .. ..	120	16·57
The Borough ..	1,567	18·38

Only in the West Hornsey Ward is the birth-rate higher than the average birth-rate for the 76 Great Towns of England and Wales. East Hornsey and North Haringey show a fairly high birth-rate, but in the remaining wards, noticeably in Stroud Green, the rate is extremely low.

There were 25 illegitimate births, forming 1.5 per cent. of the total births, a very small percentage.

Eight of the 25 illegitimate births occurred in the Edmonton Workhouse, but, when these are allocated to the wards in which the mothers lived before entering the Workhouse, we get the following distribution:—

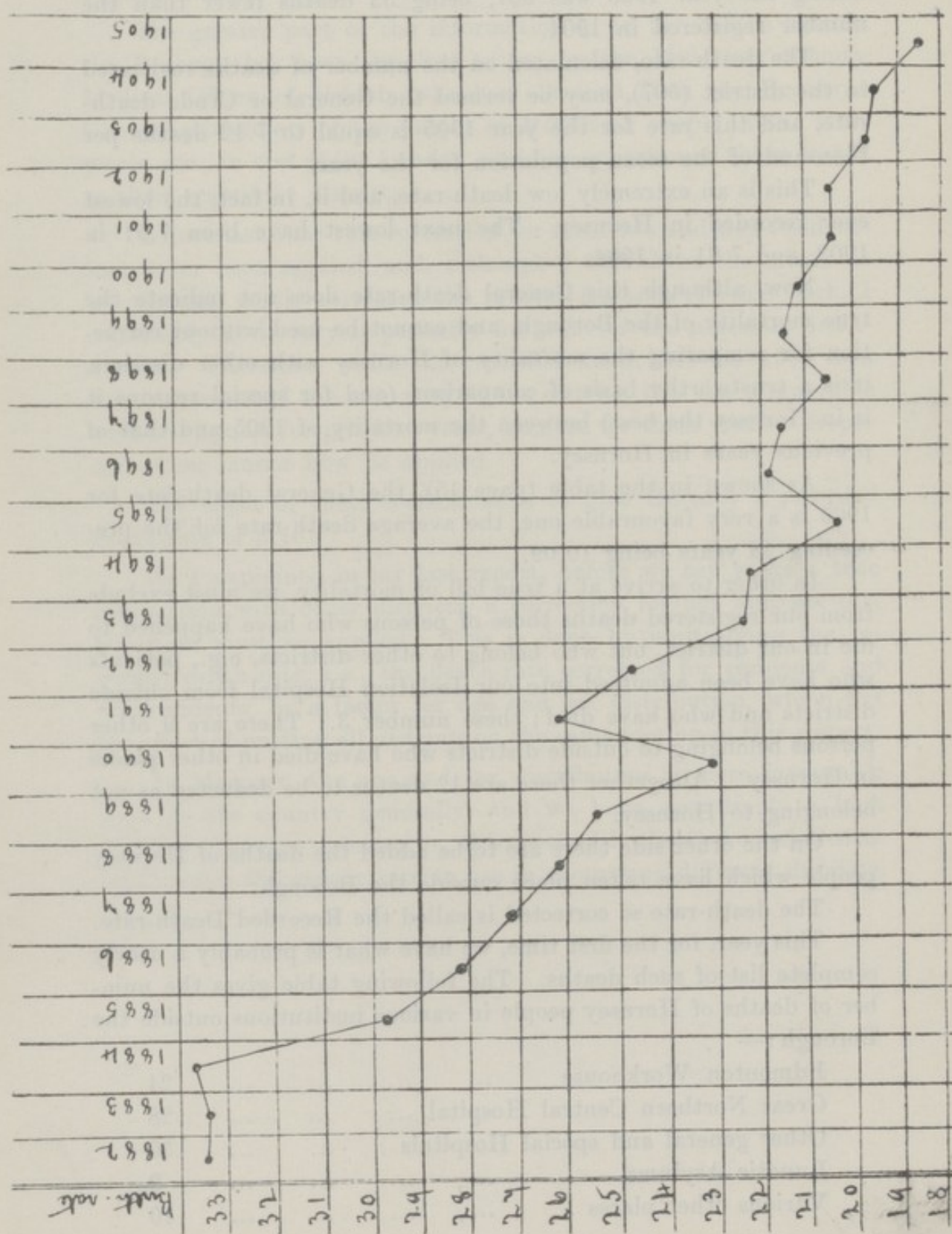


Ward.	Number of illegitimate births.		Per cent. of total births in the Ward.	
Highgate ...	6	...	3.3	
Muswell Hill ...	1	...	0.6	
Crouch End ...	0	...	0	
West Hornsey ...	8	...	2.2	
East Hornsey ...	3	...	1.0	
North Haringey ...	3	...	1.3	
South Haringey ...	0	...	0	
Stroud Green ...	2	...	2.0	
Finsbury Park ...	2	...	1.6	
	25		1.5	

The number of births for each quarter, with the birth-rate in the various wards, is as follows:—

Ward.	1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Total Births.	Birth-rate per 1,000 persons living.
	Births.	Birth-rate.	Births.	Birth-rate.	Births.	Birth-rate.	Births.	Birth-rate.		
Highgate ..	49	16.16	44	14.52	38	12.56	47	15.52	178	14.70
Muswell Hill ..	30	11.28	35	13.16	50	18.84	42	15.80	157	14.79
Crouch End ..	20	14.88	12	8.92	19	14.16	19	14.16	70	13.05
West Hornsey ..	90	29.64	83	27.36	92	30.32	85	28.00	350	28.86
East Hornsey ..	68	22.72	75	24.72	77	25.40	60	19.76	280	23.09
North Haringey ..	51	20.00	65	25.52	63	24.72	41	16.08	220	21.59
South Haringey ..	20	13.44	30	20.20	22	14.80	22	14.80	94	15.83
Stroud Green ..	20	8.40	28	11.76	22	9.24	28	11.76	98	10.29
Finsbury Park ..	31	17.16	30	16.56	27	14.88	32	17.68	120	16.57
The Borough ..	379	17.79	402	18.87	410	19.24	376	17.64	1,567	18.38

The accompanying chart shows the birth-rate in Hornsey for the past 24 years:—





**Deaths.**—The number of deaths registered in the Borough during the year 1905 was 607, being 53 deaths fewer than the number registered in 1904.

The death-rate, calculated on the number of deaths registered in the district (607), may be termed the General or Crude death-rate, and this rate for the year 1905 is equal to 7.12 deaths per thousand of the mean population for the year.

This is an extremely low death-rate, and is, in fact, the lowest ever recorded in Hornsey. The next lowest have been 7.51 in 1903, and 7.81 in 1904.

Now, although this General death-rate does not indicate the true mortality of the Borough, and cannot be used without correction for comparing the mortality of Hornsey with other districts, it is a trustworthy basis of comparison (and for special reasons it is in Hornsey the best) between the mortality of 1905 and that of previous years in Hornsey.

As shown in the table (page 15), the General death-rate for 1905 is a very favourable one, the average death-rate for the preceeding 23 years being 10.09.

In order to arrive at a true bill of mortality, we must exclude from our registered deaths those of persons who have happened to die in our district, but who belong to other districts, e.g., patients who have been admitted into our Isolation Hospital from outside districts and who have died; these number 3. There are 9 other persons belonging to outside districts who have died in other places in Hornsey. Altogether there are 12 deaths to be deducted as not belonging to Hornsey.

On the other side there are to be added the deaths of Hornsey people which have taken place outside the Borough.

The death-rate so corrected is called the Recorded Death-rate.

This year, for the first time, we have what is probably a nearly complete list of such deaths. The following table gives the number of deaths of Hornsey people in various institutions outside the Borough:—

Edmonton Workhouse	...	...	...	...	24
Great Northern Central Hospital	...	...	...	...	28
Other general and special Hospitals	...	...	...	...	30
Lunatic Asylums	...	...	...	...	9
Various other places	...	...	...	...	10
					—
					101
					—



Taking the registered number of deaths, viz., 607, deducting 12, and adding 101, gives the corrected number of deaths as 696.

The greater part of the information as to the deaths outside the Borough has been supplied to me by the Middlesex County Medical Officer of Health, who has obtained from the Registrar General particulars of the deaths of Middlesex people in the Hospitals, etc., in and about London, and has apportioned these deaths to their respective districts.

Before last year this correction for residents and non-residents had never been applied, and, although I then from the means at my disposal partly corrected the returns for several years back, I could only do it very imperfectly for want of the necessary information. Therefore, while the recorded death-rate for 1905 is a true statement of the mortality of the district, it is not comparable with the figures for previous years, because for these years a proper correction cannot now be applied.

The effect of these corrections is to give Hornsey a recorded death-rate of 8.16.

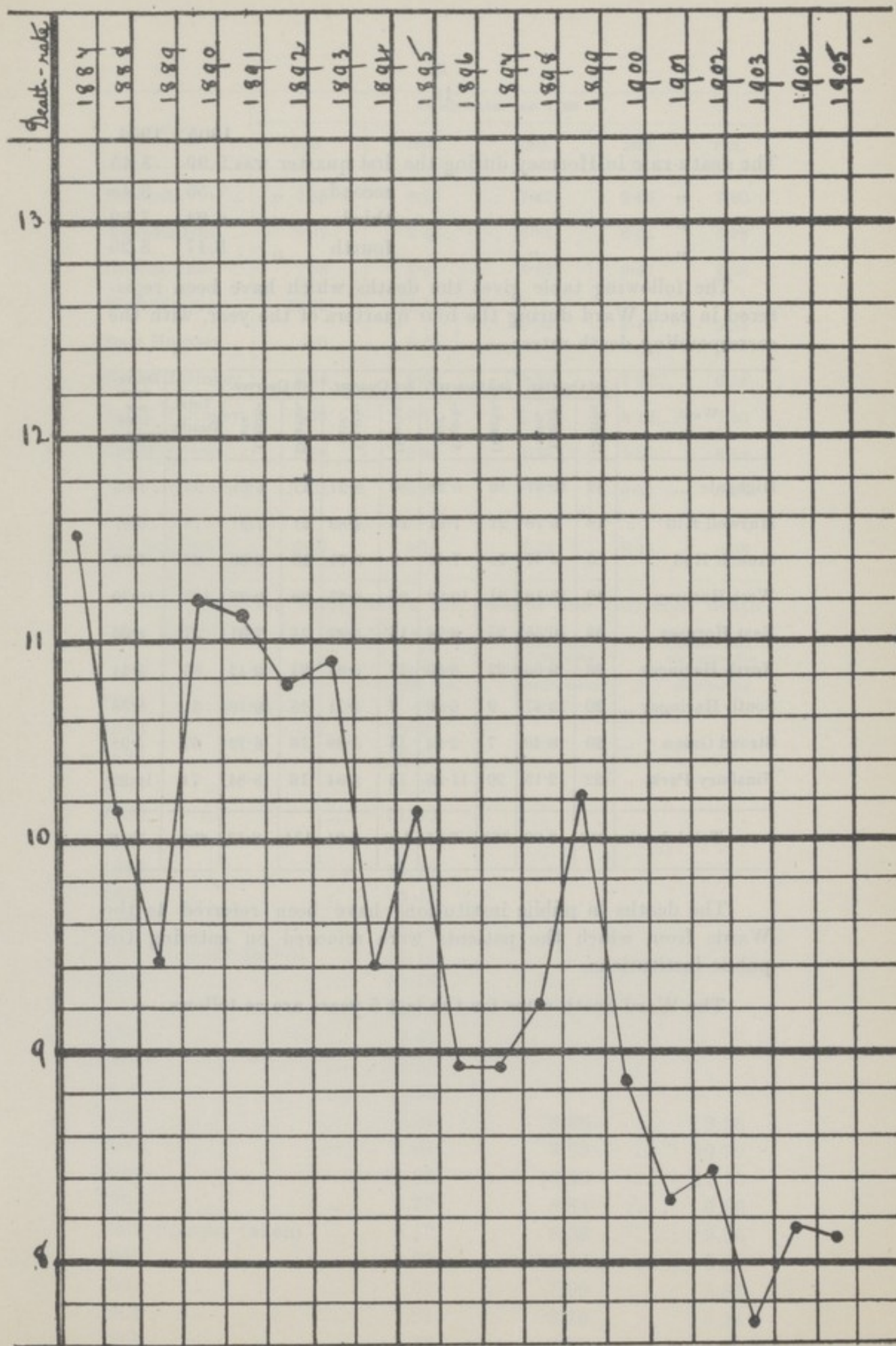
As I explained in my last report, before we can make a true comparison with other districts, a correction for age and sex distribution must be applied. This is done by multiplying the recorded death-rate, i.e., the death-rate corrected for residents and non-residents, by a factor for age and sex distribution, which has the effect of putting all districts on the same footing in this respect.

In Hornsey, the age and sex distribution is more favourable than in the country generally, and we have accordingly a high factor. The rate obtained by this method is the Corrected Death-rate, and is the proper rate to use in comparing different districts.

The following table gives the corrected death-rates in a number of the great towns:—

Hornsey ... ..	9.30	Halifax ... ..	16.57
Handsworth ... ..	11.16	West Ham ... ..	16.57
King's Norton ... ..	11.48	Bradford ... ..	16.94
Hastings ... ..	11.73	West Bromwich ... ..	16.94
Burton-on-Trent ... ..	12.52	Preston ... ..	17.91
East Ham ... ..	13.20	South Shields ... ..	18.08
Willesden ... ..	13.3	Leeds ... ..	18.10
Croydon ... ..	13.32	Nottingham ... ..	18.42
Tottenham ... ..	13.48	Birmingham ... ..	18.61
Northampton ... ..	13.52	Stockport ... ..	18.64
Reading ... ..	13.52	Swansea ... ..	18.98
Leicester ... ..	14.32	Stockton ... ..	19.56
Southampton ... ..	14.41	Bolton ... ..	19.67
Coventry ... ..	14.69	Sheffield ... ..	19.82
Wallasey ... ..	14.81	St. Helens ... ..	19.98
York ... ..	15.05	Bootle ... ..	20.16
Derby ... ..	15.41	Wigan ... ..	20.60
Bristol ... ..	15.53	Warrington ... ..	20.89
Cardiff ... ..	15.59	Blackburn ... ..	20.91
Norwich ... ..	15.77	Salford ... ..	20.98
Wolverhampton ... ..	15.82	Oldham ... ..	21.20
West Hartlepool ... ..	16.36	Liverpool ... ..	22.08
Smethwick ... ..	16.38	Middlesborough ... ..	23.06
Hull ... ..	16.50	Rhondda ... ..	23.21





Death-rates per 1,000 persons living 1887-1905.



			1905.	1904.
The death-rate in Hornsey during the first quarter was	9.99		8.45	
„ „ second „	7.55		8.45	
„ „ third „	6.94		7.59	
„ „ fourth „	8.17		8.26	

The following table gives the deaths which have been registered in each Ward during the four quarters of the year, with the corresponding death-rates:—

Ward.	1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Total Deaths.	Death-rate per 1,000 persons living.
	Deaths.	Death-rate.	Deaths.	Death-rate.	Deaths.	Death-rate.	Deaths.	Death-rate.		
Highgate ...	32	10.57	16	5.28	30	9.91	17	5.61	95	7.85
Muswell Hill ...	18	6.78	21	7.91	13	4.89	21	7.91	73	6.87
Crouch End ...	6	4.47	10	7.46	9	6.71	13	9.69	38	7.08
West Hornsey ...	40	13.18	31	10.22	26	8.57	28	9.23	125	10.30
East Hornsey ...	32	10.55	25	8.24	16	5.27	24	7.91	97	8.00
North Haringey ...	23	9.03	22	8.63	17	6.67	24	9.42	86	8.44
South Haringey ...	20	13.47	9	6.06	7	4.71	15	10.10	51	8.58
Stroud Green ...	20	8.40	7	2.94	14	5.88	16	6.72	57	5.98
Finsbury Park ..	22	12.15	20	11.05	16	8.84	16	8.84	74	10.22
Total deaths	213	9.99	161	7.55	148	6.94	174	8.17	696	8.16

The deaths in public institutions have been referred to the Wards from which the patients were removed on entering the public institutions.

The Ward death-rates for the last 5 years are as follows:—

Ward.	Death rates per 1,000				
	1905.	1904.	1903.	1902.	1901.
Highgate ..	7.85	8.75	7.47	9.66	7.80
Muswell Hill ...	6.87	7.83	4.81	6.54	6.38
Crouch End ..	7.08	4.91	5.69	6.47	6.58
West Hornsey ...	10.30	11.13	9.34	9.43	9.34
East Hornsey ...	8.0	8.30			
North Haringey	8.44	9.80	9.30	7.97	6.58
South Haringey	8.58	6.11	6.07	5.10	7.95
Stroud Green ..	5.98	5.40	5.23	5.54	8.48
Finsbury Park...	10.22	8.82	8.67	12.63	9.64
The Borough ...	8.16	8.19	7.69	8.44	8.38

The following table shows the general and corrected death-rates in Hornsey for past years:—

	1	2	3
	General death rate.	Recorded death rate (Corrected for Institutions).	Death rate corrected for age and sex distribution.
1882 ... ..	11.90		
1883 ... ..	12.70		
1884 ... ..	13.34		
1885 ... ..	12.66		
1886 ... ..	11.82		
1887 ... ..	11.57		
1888 ... ..	10.18		
1889 ... ..	9.45		
1890 ... ..	11.20		
1891 (Census taken) ...	11.11		
1892 ... ..	10.78		
1893 ... ..	10.90		
1894 ... ..	9.42		
1895 ... ..	10.15		
1896 ... ..	8.88		
1897 ... ..	8.54	8.86	9.98
1898 ... ..	8.94	9.22	10.39
1899 ... ..	10.08	10.25	11.55
1900 ... ..	8.77	8.84	9.96
1901 (Census taken) ...	8.12	8.38	9.56
1902 ... ..	8.20	8.44	9.63
1903 ... ..	7.51	7.69	8.87
1904 ... ..	7.81	8.19	9.34
1905 ... ..	7.12	8.16	9.30

As explained above, the death-rates as stated in columns (2) and (3) for the years 1897-1904 are probably too low, because of want of information as to the deaths which occurred outside the district.

The principal causes of Death were as follows:—

Deaths attributed to Cancer	...	...	...	...	65
„ Heart diseases	...	...	...	...	64
„ Phthisis	...	...	...	...	58
„ Old Age	...	...	...	...	56
„ Bronchitis	...	...	...	...	50
„ Pneumonia	...	...	...	...	43
„ Apoplexy	...	...	...	...	36
„ Premature Birth	...	...	...	...	22
„ Brights disease	...	...	...	...	21
„ Forms of Tuberculosis other than Phthisis	...	...	...	...	16
„ Influenza	...	...	...	...	14
„ Marasmus	...	...	...	...	14
„ Convulsions	...	...	...	...	14
„ Accident	...	...	...	...	11
„ Alcoholism and Cirrhosis of Liver	...	...	...	...	10
„ Whooping Cough	...	...	...	...	10
„ Obstruction of Intestine	...	...	...	...	10
„ Measles	...	...	...	...	9
„ Diphtheria	...	...	...	...	8
„ Pyæmia	...	...	...	...	8
„ Suicide	...	...	...	...	7
„ Epidemic diarrhœa	...	...	...	...	6
„ Scarlet Fever	...	...	...	...	3
„ Enteric Fever	...	...	...	...	2

Fewer deaths occurred from the following causes, as compared with 1904:—

	1905.	1904.	Decrease
Measles	9	18	9
Whooping Cough	10	17	7
Epidemic Enteritis	6	24	18
Phthisis and other Tubercular diseases	74	77	3
Premature birth	22	24	2
Bronchitis and Pneumonia	93	109	16
Alcoholism and Cirrhosis of Liver	10	15	5



From the following causes there were more deaths than in 1904:—

				1905.	1904.	Increase
Scarlet Fever	...	...	...	3	1	2
Diphtheria	...	...	...	8	7	1
Cancer	...	...	...	65	49	16
Accidents and Suicides	...	...	...	18	14	4

From Heart Diseases (64), Enteric Fever (2), and Puerperal Fever (1), the number of deaths was the same as in 1904.

Curiously enough, the number of deaths from Influenza (14) is the same as in 1904 and in 1903.

The most serious increase in the number of deaths from any one cause is in the case of Cancer, an increase of 16.

The yearly average number of deaths from this cause during the past 6 years has been 52. The subject is further referred to in another part of this report.

From Epidemic Enteritis there have been 18 fewer deaths as compared with the previous year. This is due to some extent to the fact that climatic conditions did not favour the development of the disease so much as in the previous year. A good deal of work has been done in the districts where epidemic diarrhoea is most common, both in the way of discovering and causing to be remedied insanitary conditions, and by the distribution of leaflets containing information as to the proper feeding of infants. The courts, passages, etc., in the poorer districts have been regularly and frequently inspected, especially during the hot weather, so that no offensive conditions should remain long undetected.

Measles and Whooping Cough caused 19 deaths, as compared with 35 in the previous year. Sixteen of the 19 deaths were those of children under 5 years of age.

The relative importance of the various diseases, as causes of death, is shown graphically below:—

5 10 15 20 25 30 35 40 45 50 55 60 65 70

Cancer 65.

Heart diseases 64.

Phthisis 58.

Old age 56.

Bronchitis 50.

Pneumonia 43

Apoplexy 36.

Premature Birth 22.

Bright's disease 21.

Forms of Tuberculosis, other than Phthisis 16.

Influenza 14.

Marasmus 14.

Convulsions 14.

Accident 11.

Alcoholism and Cirrhosis of Liver 10.

Whooping Cough 10.

Obstruction of Intestine 10.

Measles 9.

Diphtheria 8.

Pyæmia 8.

Suicide 7.

Epidemic diarrhoea 6.

Scarlet Fever 3.

Enteric Fever 2.



**Tuberculosis.**—Fifty-eight deaths occurred from consumption of the lungs, and 16 from other forms of tuberculosis, or 74 deaths from all forms of tuberculosis.

Last year the figures were: Consumption of the lungs 54, other forms of tuberculosis 23; total for all forms of tuberculous disease 77.

Year.		Number of deaths from consumption of the lungs.	Death-rate per 1,000 persons living from consumption of the lungs.	Number of deaths from all forms of tuberculosis.	Death-rate per 1,000 persons living from all forms of tuberculosis.
1905	...	58	.680	74	.868
1904	...	54	.653	77	.914
1903	...	46	.591	66	.842
1902	...	45	.595	67	.886
1901	...	45	.612	63	.857
1900	...	37	.525	48	.688
1899	...	56	.828		
1898	...	36	.556		
1897	...	43	.694		
1896	...	30	.527		
1895	...	43	.769		
1894	...	40	.768		
1893	...	35	.700		

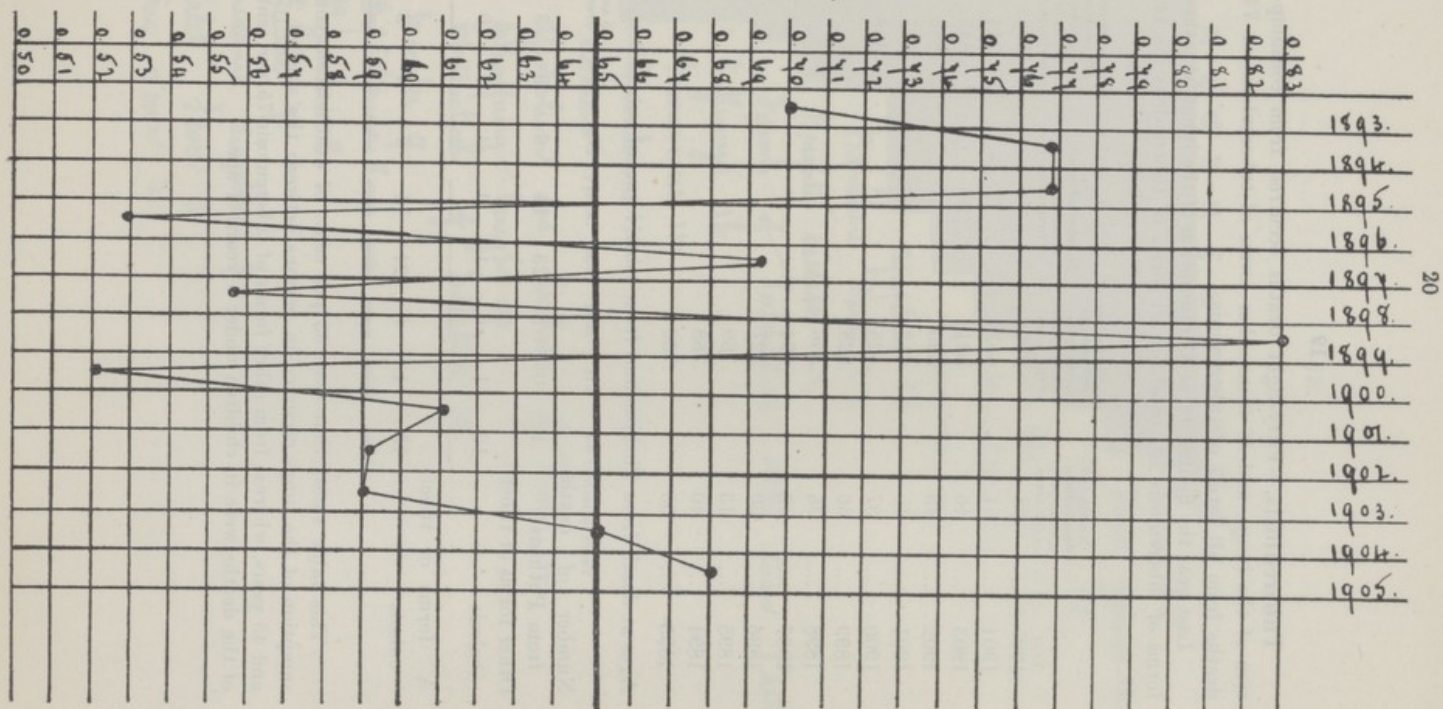
Ages at death from Phthisis and from other forms of tuberculosis:

	Years inclusive: 0-4	5-14	15-24	25-34	35-44	45-54	55-64	65 and over
Number of deaths								
from Phthisis	1	0	8	23	14	6	3	3
Other forms of tuberculosis	12	1	0	1	0	1	1	0
All forms of tuberculosis	13	1	8	24	14	7	4	3

This table shows that over 63 per cent. of deaths from consumption of the lungs occurred in persons between the ages of 25 and 45 years, whereas from other forms of tuberculosis 75 per cent. of the deaths were in children under 5 years of age.



Annual death-rates from Phthisis (1893-1905) per thousand persons living. The thick horizontal line indicates the mean annual death-rate for these years.



The average annual death-rate from consumption of the lungs during the 13 years 1893-1905 has been 0.653 per 1,000 persons living.

During this period the district has changed very considerably, parts that were quite rural 13 years ago now being covered with houses.

Now, density of population has an important bearing on the mortality from consumption, and, when we consider that in 1891 Hornsey contained only 8 persons per acre, and these had increased by 1901 to 25 persons per acre, and in 1905 to nearly 30 persons per acre, we get some idea of the changes that have transformed a district once largely rural into one now entirely urban in character.

The case of Muswell Hill is an extreme one, but in this Ward the number of persons per acre has increased from 5 persons per acre in 1898 to 16 persons per acre in 1905, i.e., in 7 years the population has become more than treble what it was.

The following table gives the death-rates from all forms of tuberculosis in a number of towns where the population is approximately equal in number to that of Hornsey:—

London	Hornsey	...	0.868	Stockport	...	...	1.29
	Finsbury	...	2.2	Northampton	...	...	1.33
	Croydon	...	1.5	Middlesborough	...	...	2.32
	Wolverhampton	...	1.31	Hastings	...	...	1.72
	Coventry	...	1.34	Yarmouth	...	...	1.33
	St. Helens	...	1.84	Preston	...	...	1.90
	Huddersfield	...	1.75	Reading	...	...	1.45
	York	...	1.65	Norwich	...	...	1.92
	Swansea	...	2.13				

The following table shows the deaths from phthisis and from all forms of tuberculosis in each of the Wards of the Borough:—

WARD.	Deaths from consumption of the Lungs.	Death-rate per 1,000 persons living.	Deaths from all forms of Tuberculosis.	Death-rate per 1,000 persons living.
Highgate .. ..	5	0.413	7	0.578
Muswell Hill .. ..	7	0.659	8	0.753
Crouch End .. ..	1	0.186	4	0.744
West Hornsey .. ..	12	0.988	17	1.400
East Hornsey .. ..	9	0.742	9	0.742
North Haringey .. ..	9	0.883	12	1.178
South Haringey .. ..	7	1.179	8	1.344
Stroud Green .. ..	2	0.203	3	0.304
Finsbury Park .. ..	6	0.828	6	0.828
The Borough.. ..	58	0.680	74	0.868



Isolation for advanced cases from crowded households is of great importance, and no provision of this sort exists except the Workhouse Infirmary, which is, of course, only available for pauper cases.

For early cases treatment for a period in a sanatorium would be of the greatest value, both from the curative and educational standpoint. I think there is a distinct need for both classes of accommodation in Hornsey, and it is to be hoped that in the near future something will be done to meet this want.

In many cases disinfection has been carried out at houses where deaths from tuberculosis have occurred, and we are ready to do this in every case when allowed.

**Cancer.**—The deaths attributed to this cause during 1905 numbered 65, a larger number than in any previous year.

The number of deaths from cancer last year was 49, and the yearly average number of deaths during the 15 years 1890-1904, after the necessary correction has been applied owing to the great increase of population, is 50 deaths, so that in 1905 the deaths from cancer were 16 more than in the previous year, and 15 more than the average number of deaths for the past fifteen years.

The following table gives the number of deaths from Cancer with the death-rates for 16 years:—

Year.	Number of deaths from Cancer.					Death-rate due to Cancer per 1,000 persons living.
1890	...	...	18	...	...	0.428
1891	...	...	22	...	...	0.492
1892	...	...	24	...	...	0.517
1893	...	...	37	...	...	0.762
1894	...	...	31	...	...	0.585
1895	...	...	22	...	...	0.393
1896	...	...	31	...	...	0.527
1897	...	...	30	...	...	0.485
1898	...	...	31	...	...	0.479
1899	...	...	43	...	...	0.635
1900	...	...	41	...	...	0.581
1901	...	...	47	...	...	0.653
1902	...	...	51	...	...	0.674
1903	...	...	62	...	...	0.790
1904	...	...	49	...	...	0.581
1905	...	...	65	...	...	0.762



The mean annual death-rate from Cancer for the sixteen years 1890-1905 was 0.590, and the average number of deaths per year from this cause has been 38, or, after allowing for increase of population, 50 deaths.

The accompanying chart shows graphically the death-rates from cancer. It is seen that during the first nine years the rate was only once above the mean death-rate for the whole period, while during the last 7 years on only two occasions has the rate been as low as the mean. There is clearly a greatly increased mortality from cancer in the later years.

Probably part of this increase is more apparent than real, and something must be allowed for a better classification of causes of death in more recent years.

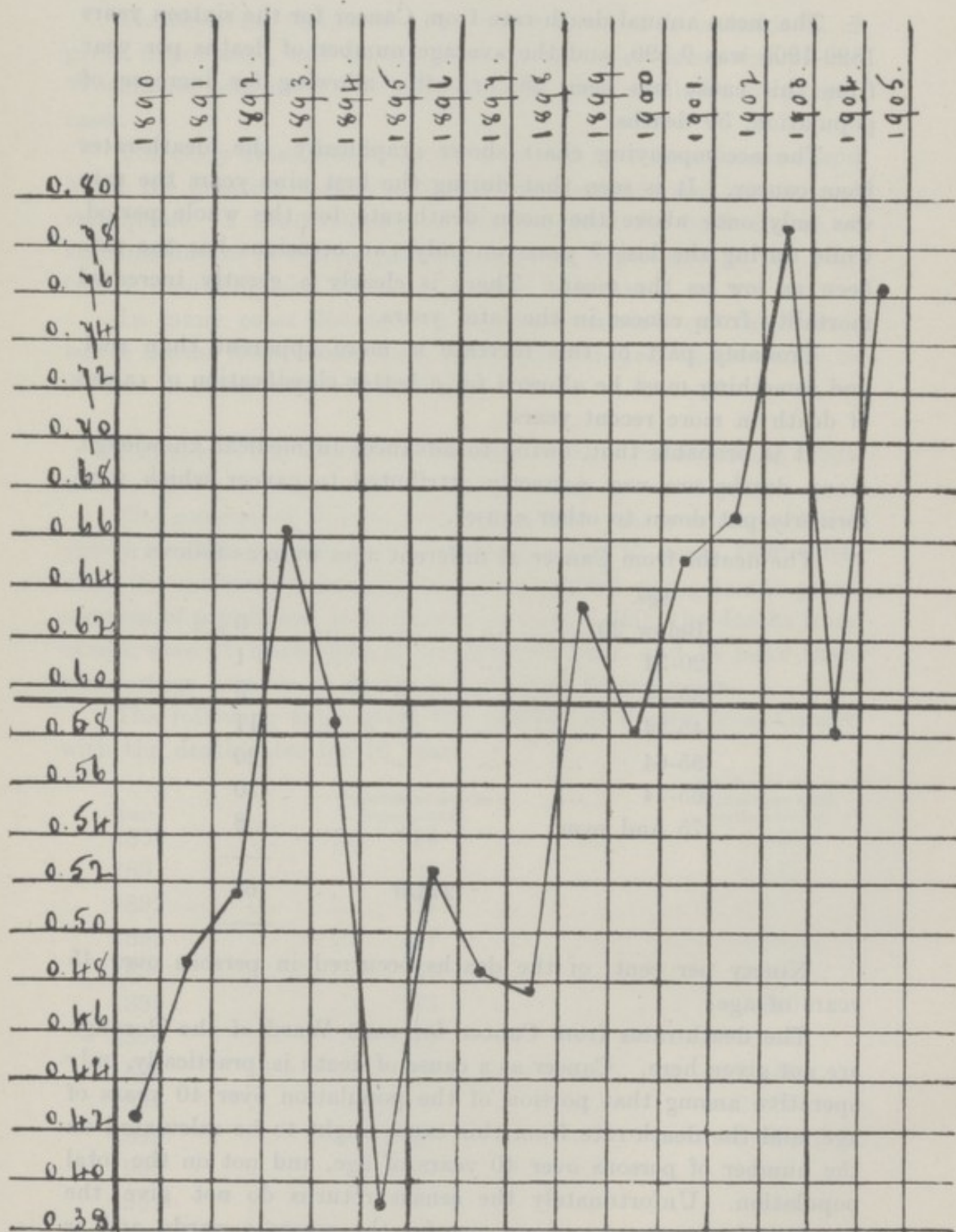
It is probable that, owing to advances in medical knowledge, many deaths are now correctly attributed to cancer which were formerly put down to other causes.

The deaths from Cancer at different ages were as follows:—

Age.				
Below 20	...	...	...	0
20-34	...	...	...	1
35-44	...	...	...	5
45-54	...	...	...	11
55-64	...	...	...	20
65-74	...	...	...	20
75 and over	...	...	...	8
Total				65

Ninety per cent. of the deaths occurred in persons over 45 years of age.

The death-rates from Cancer for each Ward of the Borough are not given here. Cancer as a cause of death is, practically, only operative among that portion of the population over 40 years of age, and the death-rate from this cause ought to be calculated on the number of persons over 40 years of age, and not on the total population. Unfortunately the census returns do not give the number of persons at various ages for the separate wards, and as the proportion of persons over 40 years of age probably varies considerably in different wards any calculation that did not allow for this would be misleading.



Annual death-rates from Cancer per thousand persons living for 16 years 1890-1905. The thick line represents the mean annual death-rate for these years.



The following table shows the Wards in which deaths from Cancer have occurred during the last 6 years:—

Year.	Highbgate.	Muswell Hill.	Crouch End.	West Hornsey.	East Hornsey.	North Haringey.	South Haringey.	Stroud Green.	Finsbury Park.	Total.	Death rate per 1,000 from Cancer.
1905	13	12	2	7	9	7	4	4	7	65	·762
1904	7	8	3	7	5	5	2	5	7	49	·581
1903	6	4	6	12		15	6	7	6	62	·790
1902	8	3	2	15		8	1	8	6	51	·674
1901	8	3	1	5		6	5	11	8	47	·653
1900	5	5	2	8		3	4	9	5	41	·581

A spot map has been prepared (but is not reproduced here) locating all the deaths from Cancer in the Borough during the last 5 years. No light is thrown on the question of the possibility of house infection, but the figures are too small to allow of a reliable conclusion being drawn.

There were only 3 cases out of 274 where 2 deaths had occurred in the same house, and this small number could be accounted for by mere coincidence.

There has been no new evidence brought forward in favour of the theory of the infectious character of the disease, and it cannot be said that we know anything further as to its causation.

As a possible preventive measure, disinfection is carried out at houses where a death from Cancer has occurred, whenever a request is received that this should be done.

**Deaths from Zymotic Diseases.**—The Zymotic death-rate is the total number of deaths per 1,000 persons living from the seven principal Zymotic diseases, viz.:—Small Pox, Measles, Scarlet Fever, Diphtheria, Enteric Fever, Whooping Cough and Diarrhœa. The following table gives the deaths from these causes during 1905 and preceding years:—



	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894
Small-pox ...	0	0	0	2	0	0	0	0	0	0	0	0
Measles ...	9	18	15	7	8	4	6	14	7	6	13	5
Scarlet Fever ...	3	1	1	2	0	1	3	0	2	8	3	1
Diphtheria ...	8	7	12	9	10	14	4	11	16	12	21	23
Enteric Fever ...	2	2	0	5	2	6	0	4	0	6	5	6
Whooping Cough ...	10	17	19	9	14	18	20	8	10	17	10	22
Diarrhoea ...	6	24	1	1	6	9	32	15	29	9	8	1
TOTALS ...	38	69	48	35	40	52	65	52	64	58	60	58

The Zymotic death-rates in Hornsey and in England and Wales for the past years are as follows:—

	Zymotic death rate	
	Hornsey.	England and Wales.
1905 ...	0.44	1.94
1904 ...	0.81	1.94
1903 ...	0.61	1.46
1902 ...	0.44	1.64
1901 ...	0.54	2.05
1900 ...	0.66	2.00
1899 ...	0.89	2.21
1898 ...	0.74	2.22
1897 ...	0.98	2.15
1896 ...	0.93	2.18
1895 ...	1.11	2.14
1894 ...	1.12	2.25
1893 ...	0.96	3.16
1892 ...	0.94	2.76
1891 ...	0.70	
1890 ...	1.15	
1889 ...	0.60	
1888 ...	1.05	
1887 ...	0.88	
1886 ...	1.42	
1885 ...	1.80	
1884 ...	1.91	
1883 ...	1.05	
1882 ...	1.77	

The death-rate from Zymotic diseases has never been lower in Hornsey, and has only once been so low, viz., in 1902. Almost all the diseases are below the average of previous years as causes of mortality.

**Epidemic Diarrhœa** has caused only 6 deaths, 5 of these being of infants under 1 year of age. Last year 24 deaths were attributed to this cause.

Three of the deaths were in North Haringey, and 1 each in Crouch End, West Hornsey and Stroud Green.

This is equal to a Diarrhœa mortality of 3.82 per 1,000 births, or of 0.071 per 1,000 persons living at all ages.

**Diphtheria** caused 8 deaths, out of 153 cases notified.

This is one death more than last year.

The case mortality is equal to 5.2 per cent.

Of the 105 cases removed to Hospital, 3 proved fatal, equal to a case mortality of 2.85 per cent.

Of the 48 cases not removed to Hospital 5 died, equal to a case mortality of 10.41 per cent.

**Enteric Fever** caused 2 deaths out of 20 cases notified, equal to a case mortality of 10 per cent.

Seven of the cases were removed to our Hospital, all of which recovered.

**Scarlet Fever** caused 3 deaths, out of 261 cases notified, a case mortality of 1.14 per cent.

Two of the deaths occurred in the Hospital, out of 177 cases removed from Hornsey, a case mortality of 1.12 per cent. Of the 84 cases not removed to our Hospital, most of which were treated at home, a few going to other Hospitals than ours, one died, equal to a case mortality of 1.19 per cent.

**Erysipelas** caused 3 deaths out of 39 cases notified, and **Puerperal Fever** 1 death out of 3 cases notified.

From **Small Pox** there were no deaths, one case only being notified.

**Ages at Death.**--The ages at which deaths occurred are as follows:--



	1905.	1904.	1903.
Under 1 year ... ..	106	145	132
1 year and under 5 years ...	43	66	53
5 years and under 15 „ ...	16	24	17
15 „ 25 „ ...	24	28	19
25 „ 65 „ ...	272	203	216
65 years and over ... ..	235	224	167
Total deaths ...	696	690	604

Nearly half the number of deaths were those of persons at the extreme ages, i.e., below 1 year or 65 years and over.

Just over half the deaths were of persons of 65 years and over.

The number of deaths at certain age periods and the mortality is shown for each quarter of the year:—

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	The year.
<i>Total Deaths</i> .. ..	213	161	148	174	696
<i>Death-rate per 1,000</i> .. ..	9.9	7.5	6.9	8.1	8.1
„ <i>England and Wales</i> ..	17.6	14.4	14.0	14.8	15.2
„ <i>76 Great Towns</i> ..	17.2	14.7	15.2	15.8	15.7
<i>Deaths under 1 year</i> .. ..	24	24	32	26	106
<i>Infantile Mortality</i> .. ..	63	59	78	69	67
Do. <i>England and Wales</i> :	132	106	155	120	128
Do. <i>76 Great Towns</i> ..	127	112	186	134	140
<i>Deaths 1 year—64 years</i> .. ..	119	81	66	89	355
<i>Death-rate per 1,000 persons</i> <i>living at these ages</i> .. ..	5.92	4.03	3.28	4.40	4.41
<i>Deaths 65 years and over</i> .. ..	70	56	50	59	235
<i>Death-rate per 1,000 persons</i> <i>living at these ages</i> .. ..	164.88	131.92	117.76	138.96	138.39

**Infantile Mortality.**—The infantile mortality for 1905 is an extremely low one, and is, in fact, the lowest ever recorded in Hornsey.

The infantile deaths amount to less than one-sixth of the total deaths.

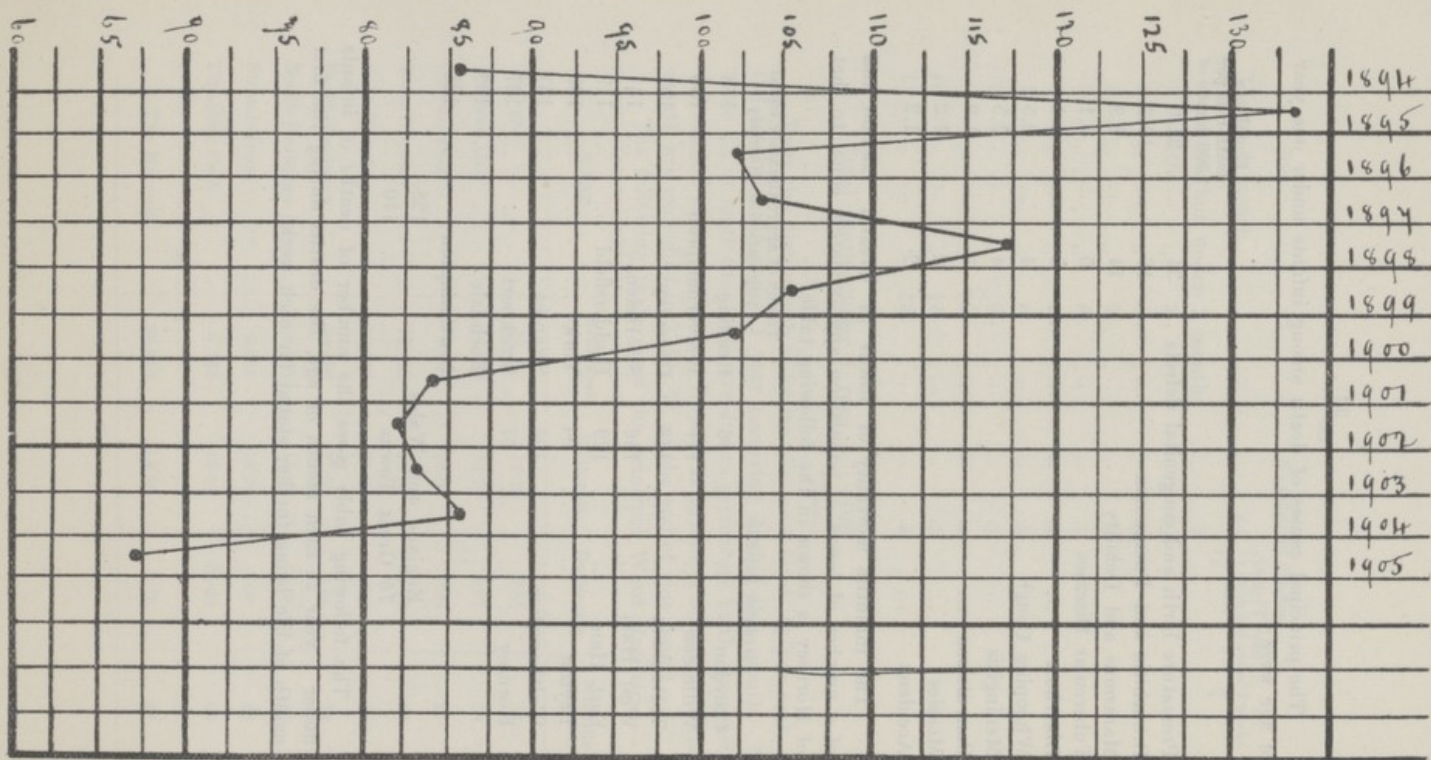
If we examine the causes of death among infants, we find that 34 were due to premature birth or congenital defects and 2 to accident, leaving 70 deaths attributable to disease arising from post-natal causes. Probably many of these deaths are in great part due to ante-natal conditions, leading to feeble vitality in the infants, for which in this country at least no remedy in the shape of municipal action has been adopted.

The following table shows the infantile mortality for each Ward:—

			Number of deaths under 1 year.		Infantile mortality, i.e., deaths under 1 year per 1,000 births
Highgate ...	...	...	17	...	95
Muswell Hill ...	...	...	6	...	38
Crouch End ...	...	...	4	...	57
West Hornsey ...	...	...	34	...	97
East Hornsey ...	...	...	15	...	53
North Haringey ...	...	...	16	...	72
South Haringey ...	...	...	4	...	42
Stroud Green ...	...	...	2	...	20
Finsbury Park ...	...	...	8	...	66
<hr/>					
The Borough ...	...	...	106	...	67
<hr/>					



	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894
INFANTILE MORTALITY.												
Total number of Deaths under 1 year of age	106	143	130	129	127	153	156	158	138	133	144	103
„ „ „ Births registered ...	1,567	1,659	1,561	1,565	1,511	1,493	1,461	1,342	1,337	1,294	1,142	1,186
Infantile mortality (deaths per 1 000 births)	67	86	83	82	84	102	106	117	103	102	133	86
„ „ „ England and Wales ...	128	146	132	133	151	154						
„ „ „ 76 Great Towns ...	140	160	144	145								



Infantile Mortality (deaths under 1 year per 1,000 births) 1894- 1905.



The principal causes of death among infants under one year of age were:—

					Equal to a death-rate per 1,000 births of
Premature birth and congenital defects ...	34	...	...	21.6	
Bronchitis and Pneumonia ...	16	...	...	10.2	
Marasmus and Debility ...	14	...	...	8.9	
Tubercular Diseases ...	5	...	...	3.1	
Diarrhoea ...	5	...	...	3.1	
Whooping Cough ...	4	...	...	2.5	
Meningitis ...	4	...	...	2.5	
Convulsions ...	3	...	...	1.9	
Measles ...	2	...	...	1.2	
Accident ...	2	...	...	1.2	

The infantile mortality of towns in Greater London and of a number of towns of population approximately equal to that of Hornsey is shown in the following table:—

Greater London.			Towns of approximately equal population to Hornsey.		
Croydon ...	96		Reading ...	118	
Willesden ...	117		Wolverhampton ...	136	
Tottenham ...	116		Coventry ...	108	
West Ham ...	156		St. Helens ...	131	
East Ham ...	129		Huddersfield ...	119	
Leyton ...	94		York ...	130	
Walthamstow ...	104		Swansea ...	131	
Hornsey ...	67		Stockport ...	167	
			Rochdale ...	198	
			Northampton ...	123	
England and Wales ...	128				
76 Great Towns ...	140				

The following table gives the number of deaths of infants under 1 year at each month of age, the deaths during the first month of life being further stated for each week:—

Age.				Number of deaths.			
Under 1 month	...	...	...	44	{ Under 1 week ... 23 1 week and under 2 weeks 10 2 weeks " 3 " 9 3 " " 4 " 2		
1 month but under 2 months	...	...	...	7			
2 months	"	3	"	...	10		
3	"	"	4	"	...	8	
4	"	"	5	"	...	4	
5	"	"	6	"	...	7	
6	"	"	7	"	...	3	
7	"	"	8	"	...	3	
8	"	"	9	"	...	8	
9	"	"	10	"	...	4	
10	"	"	11	"	...	2	
11	"	"	12	"	...	6	
Total deaths under 1 year				...	106		

Thus the first month is by far the most fatal, 41 per cent. of the total deaths under 1 year occurring during this month. Of these 23, or more than half, are due to premature birth, congenital defects and injury at birth. Details as to causes of death at each month are embodied in Table V. at the end of this report.

The following table gives the principal Ward statistics:—

WARD.	Estimated population.	Birth-rate.	Death-rate.	Infantile mortality.
Highgate ... ..	12,101	14·70	7·85	95
Muswell Hill ... ..	10,613	14·79	6·87	38
Crouch End ... ..	5,362	13·05	7·08	57
West Hornsey ... ..	12,131	28·86	10·30	97
East Hornsey ... ..	12,125	23·09	8·00	53
North Haringey ... ..	10,186	21·59	8·44	72
South Haringey ... ..	5,938	15·83	8·58	42
Stroud Green ... ..	9,518	10·29	5·98	20
Finsbury Park ... ..	7,239	16·57	10·22	66
The Borough ... ..	85,213	18·38	8·16	67



**Notifications of Infectious Disease.**—The cases of infectious disease notified to the Medical Officer of Health during 1905 numbered 477. Particulars, with the figures for previous years, appear in the following table:—

Table showing the cases of infectious disease notified during 1905 and the ten preceding years:—

Disease.	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895
Scarlet Fever ...	261	197	203	261	501	186	349	168	264	530	420
Diphtheria ...	153	101	62	99	134	107	101	99	87	96	93
Enteric Fever ...	20	16	15	38	35	32	22	31	31	35	48
Puerperal Fever ...	3	5	2	0	5	2	1	0	2	5	4
Erysipelas ...	39	40	25	33	40	45	42	51	39	39	45
Small Pox...	1	0	2	35	10	0	2	0	0	4	5
Total ...	477	359	309	639	725	372	517	349	423	709	615

The yearly average number of cases of infectious disease for the years 1895-1904, making the necessary correction for the great increase of population, is 615.

The number of cases notified is 118 greater than in the previous year, but is 138 below the corrected average for the 10 years 1895-1904.

Quarterly returns of cases of Infectious Disease:—

132 cases of infectious disease were reported during the first quarter of the year. (Corresponding quarter 1904, 62 cases).

108 cases of infectious disease were reported during the second quarter of the year. (Corresponding quarter 1904, 60 cases).

84 cases of infectious disease were reported during the third quarter of the year. (Corresponding quarter 1904, 97 cases).

153 cases of infectious disease were reported during the fourth quarter of the year. (Corresponding quarter 1904, 140 cases).

The increase in the number of notified cases is really an increased prevalence of both Scarlatina and Diphtheria in the first and second quarters of the year. In the third and fourth quarters both diseases approached, or fell below, the level of the previous years.

1905.	Scarlet Fever.	Diphtheria	Enteric Fever.	Erysipelas	Small- Pox.	Puerperal Fever.
During 1st quarter ..	78	42	3	8	1	0
During 2nd quarter ..	55	41	2	9	0	1
During 3rd quarter ..	43	33	4	3	0	1
During 4th quarter ..	85	37	11	19	0	1
Total .. ..	261	153	20	39	1	3

The occurrence of the cases in the different Wards is shown in the following table:—

	Scarlet Fever.	Diphtheria	Enteric Fever.	Erysipelas	Small-pox	Puerperal Fever.	Total.
Highgate ..	36	13	5	4	0	1	59
Muswell Hill ..	27	15	1	0	0	0	43
Crouch End ..	14	13	1	3	0	0	31
West Hornsey ..	86	37	6	8	1	0	138
East Hornsey ..	35	25	1	4	0	1	66
North Haringey	14	8	1	5	0	0	28
South Haringey	15	25	2	5	0	0	47
Stroud Green ..	23	14	2	5	0	1	45
Finsbury Park..	11	3	1	5	0	0	20
Total ..	261	153	20	39	1	3	477

The attack rate per 1,000 of the population for the chief of these diseases during the last seven years was as follows:—

	1905	1904	1903	1902	1901	1900	1899
Scarlet Fever ...	3·6	2·33	2·58	3·45	6·81	2·63	5·16
Diphtheria ...	1·79	1·19	0·79	1·31	1·82	1·52	1·49
Enteric Fever...	0·23	0·18	0·19	0·50	0·47	0·45	0·32
Erysipelas ...	0·45	0·47	0·31	0·43	0·53	0·63	0·61
Small Pox ..	0·01	0	0·06	0·47	0·13	0	0·19



**Scarlet Fever.**—There were 261 cases of this disease notified, an increase of 64 cases over the previous year, but considerably below the average for the past 10 years.

The attack rate was 3.06 per 1,000 of the population, and the average attack rate for the 6 previous years was 3.82.

As compared with the previous year there was an increased number of cases notified in

Highgate	...	36	as against	23	in 1904
Muswell Hill	...	27	„	13	„
Crouch End	...	14	„	8	„
West Hornsey	...	86	„	59	„
East Hornsey	...	35	„	22	„
South Haringey	...	15	„	11	„
Stroud Green	...	23	„	19	„

In the two remaining Wards there were fewer cases notified in 1905, viz. :—

North Haringey	...	14	as against	17	in 1904
Finsbury Park	...	11	„	25	„

**Diphtheria.**—The number of cases of Diphtheria notified was 52 greater than in the previous year.

The attack rate per 1,000 of the population was 1.79, that for the previous year being 1.19, and the average attack rate for the years 1894-1904 being 1.50.

There were fewer cases notified in Finsbury Park, North Haringey, and Highgate Wards as compared with the previous year, but a larger number in each of the other Wards.

School infection played an important part in the causation of the disease.

**Enteric Fever.**—Twenty cases were notified, as against 16 in the previous year. The number is well below the yearly average number of cases.

Three of the cases were imported cases, the patients having been infected outside the Borough. In four cases the source of the disease was traced to direct infection from previous cases; in three cases there is some evidence that the consumption of shell fish was the cause, and in the remaining cases the cause of the disease is not known.

### Isolation Hospital.

	1905.	1904.	1903.
Patients in Hospital January 1st ...	53	24	43
„ admitted during the year ...	419	341	253
	<hr/> 472	<hr/> 365	<hr/> 296
„ discharged during the year ...	388	305	263
„ dying during the year ...	10	7	9
	<hr/> 398	<hr/> 312	<hr/> 272
„ remaining in Hospital December 31st	74	53	24

Of the 53 patients in Hospital on January 1st, 1905,  
 41 were cases of Scarlet Fever, and  
 12 „ Diphtheria.

Of the 419 cases admitted during 1905,  
 277 were cases of Scarlet Fever,  
 127 „ Diphtheria, and  
 15 „ Enteric Fever.

Of the 74 patients remaining in Hospital on December 31st, 1905,

55 were cases of Scarlet Fever,  
 16 „ Diphtheria, and  
 3 „ Enteric Fever.

The cost of maintenance of Patients and Resident Staff at the Hospital for 1905 was 6s. 8½d. per head per week, as against 7s. 7d. in 1904 and 8s. 7¼d. in 1903.

The following table gives the number of cases of each disease admitted during each month of the year, and the districts from which the cases were admitted:—



Of the total number of cases admitted during the year (419), 76 were from Finchley, 64 from Wood Green, and 279 from Hornsey.

	HORNSEY CASES.				FINCHLEY CASES.				WOOD GREEN CASES.				Grand Total for the month.
	Scarlet Fever.	Diphtheria.	Enteric Fever.	Total.	Scarlet Fever.	Diphtheria.	Enteric Fever.	Total.	Scarlet Fever.	Diphtheria.	Enteric Fever.	Total.	
January ...	22	4	1	27	12	3	1	16					43
February ...	14	3	0	17	9	3	0	12					29
March ...	13	16	0	29	7	2	0	9					38
April ..	16	8	0	24	6	1	1	8					32
May ...	10	9	0	19	5	2	1	8					27
June ...	7	11	1	19	2	1	0	3	0	2	0	2	24
July ...	14	11	0	25	1	3	1	5	0	3	2	5	35
August ..	4	6	1	11	0	1	1	2	0	4	0	4	17
September	17	5	0	22	5	0	0	5	5	2	1	8	35
October ...	18	3	1	22	3	0	0	3	17	3	0	20	45
November	22	8	0	30	3	0	0	3	13	1	0	14	47
December	20	11	3	34	1	1	0	2	11	0	0	11	47
Total for the year	177	95	7	279	54	17	5	76	46	15	3	64	419

The number of monthly admissions varied from 17 in August to 47 in November and the same number in December.

### Scarlet Fever.

Number of cases notified in Hornsey	...	...	...	...	261
„ removed to Borough Hospital from Hornsey					177

The proportion of cases removed to the Borough Hospital was about 67 per cent. of the cases notified, being almost exactly the same percentage as in 1904.

In addition to the 177 cases of Scarlet Fever admitted from Hornsey, there were 54 cases of this disease admitted from Finchley, and 46 from Wood Green, making a total of 277 cases of Scarlet Fever admitted during the year.

There were 2 deaths from Scarlet Fever during the year, both being Hornsey patients, the case mortality thus being 0.71 per cent.

### Diphtheria.

Number of cases notified in Hornsey	...	...	...	...	153
„ removed to Borough Hospital from Hornsey					95

The proportion of cases removed to the Borough Hospital was 62 per cent. of the cases notified. In addition to the 95 cases of Diphtheria admitted from Hornsey there were 17 cases admitted from Finchley and 15 from Wood Green, making a total of 127 cases of Diphtheria admitted during the year.

Of these, 7 patients died, three of the fatal cases being from Hornsey, 2 from Finchley, and 2 from Wood Green. The case mortality was 5.3 per cent.

Several of the cases were in extremis on admission, and in 3 cases tracheotomy was necessary.

The following table gives the number of cases of Diphtheria notified in Hornsey, with the death-rate; the total number of cases of Diphtheria admitted to the Hospital (including both Hornsey cases and others), with the mortality per cent. of the cases treated in the Hospital:—



	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905
Number of cases of Diphtheria notified in Hornsey ... ..	—	50	63	43	138	117	89	95	87	99	101	107	134	99	62	101	113
Death rate per 1,000 of the population from Diphtheria ... ..	—	—	—	—	—	0.43	0.37	0.20	0.25	0.17	0.05	0.19	0.10	0.11	0.10	0.08	0.09
Number of cases of Diphtheria admitted to the Isolation Hospital ..	3	1	20	2	15	29	8	24	15	45	37*	45*	30*	50*	71*	92*	127*
Mortality per cent. of cases treated in the Hospital...	0	0	15%	50%	20%	24%	25%	4%	20%	13%	13%	11%	16%	14%	11%	4%	5%

\* Cases admitted to Hospital from districts outside the Borough are included in these figures.

The number of outside cases of Diphtheria was for each year :

1899	1 case from outside the Hornsey Borough (or Urban District)	
1900	8 cases	do.
1901	2 „	do.
1902	15 „	do.
1903	36 „	do.
1904	36 „	do.
1905	32 „	do.

During 1905, out of 153 cases of Diphtheria notified in Hornsey, 95 (or 62 per cent.) were admitted to Hospital.

Practically all the patients were treated with antitoxin.

**Enteric Fever.**—Fifteen cases of Enteric Fever were removed to the Hospital during the year, 7 being from Hornsey (out of 20 cases notified), 5 from Finchley, and 3 from Wood Green.

Of the fifteen cases, 1 proved fatal (a Wood Green case), giving a case mortality of 6.6 per cent.

The following table shows the cases admitted from each district and the number of deaths from each disease for the past 7 years :—



NUMBER OF CASES TREATED.					NUMBER OF CASES TREATED FROM :—					DEATHS.			
	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Total.	Finchley.	Friern Barnet.	Wood Green.	Hornsey.	Total.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Total.
1905	318	139	15	472	94	-	64	314	472	2	7	1	10
1904	258	102	5	365	162	-	-	203	365	2	4	1	7
1903	204	82	10	296	92	1	-	203	296	1	8	-	9
1902	298	50	16	364	81	10	-	273	364	2	7	2	11
1901	349	31	7	387	2	2	-	383	387	-	5	-	5
1900	138	50	9	197	5	4	-	188	197	1	5	3	9
1899	177	39	-	216	1	2	-	213	216	3	5	-	8

Mr. Dew, the Vaccination Officer, has supplied me with the following particulars as to Vaccination, for the 12 months ended December 31st, 1905:—

	1905	1904
Number of births notified to Vaccination Officer ...	1,554	1,625
Successfully vaccinated ... ..	878	1,016
Insusceptible to vaccination ... ..	15	11
Dead unvaccinated ... ..	58	96
Exempted through "Conscientious objection" ...	33	25
Postponed by Medical Certificate ... ..	27	38
Left the district and reported elsewhere ... ..	13	15
Lost sight of ... ..	34	67
Unaccounted for ... ..	496	357

The Clerk to the Middlesex County Council (Sir Richard Nicholson) has kindly supplied me with the following information as to samples of Foods and Drugs taken by the County Council Inspector in the Borough of Hornsey during the year 1905:—

Article.	Number taken.	Genuine.	Adulterated.	No. of Summonses before Magistrates.	Convictions.	Dismissed or Withdrawn.
Milk ... ..	181	177	4	4	3	1
Butter ... ..	22	22				
Margarine ... ..	3	3				
Lard ... ..	16	16				
Pepper ... ..	6	6				
Wines ... ..	4	4				
Spirits ... ..	5	5				
Drugs ... ..	9	9				
Ale ... ..	3	3				
Jam ... ..	3	3				
Coffee ... ..	3	3				
Beef Tea ... ..	1	1				
Cinnamon ... ..	2	2				
Powdered Starch ... ..	1	1				
Cheese ... ..	10	10				
Mace ... ..	1	1				
York Sauce ... ..	1	1				
Sausage ... ..	2	2				
<b>Total ... ..</b>	<b>273</b>	<b>269</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>1</b>

#### Shop Hours Acts and Seats for Shop Assistants Act.—

Mr. A. L. Bridge is the Inspector appointed under these Acts. His report for 1905 is as follows:—

## SHOP HOURS ACTS.

"During the year under review all the premises where young persons are employed in the Borough of Hornsey have been visited periodically.

The number of visits paid to shops, etc., under the Acts is 850. The number of cards for exhibition left or sent amounts to 300.

For the most part a change seems to have come over the lot of persons employed in shops, the old order changing and yielding place to new as contrasted with ten or a dozen years ago. To-day the more respectable traders give their assistants a weekly half-holiday. But the life of a London shopman or woman is not so favourable as in the provinces.

The hours of drapers, etc., in provincial towns being on the average from 8 a.m. to 8 p.m. in winter and 8 a.m. to 7 p.m. in summer, with the usual weekly half holiday. Of course, conditions of city life are far different, the shopping hours in London being, in the suburbs, in the evening.

So far as my experience goes, the weekly half holiday has not been prejudicial in any degree to the interests, either financial or physical, of employers or employed. As a rule shops are known in one area to close on Wednesday, and another area close by on Thursday, so that purchasers are never at a loss as to how to obtain household requirements suddenly.

## SEATS FOR SHOP, ETC., ASSISTANTS.

This statute has had full attention. Seats are now for the most part provided. It is a matter of no small importance to young girls employed in shops for comparatively long hours that they should have ample opportunity for rest. I have often been struck by the courage shown by waitresses in busy tea rooms, etc., in the endeavour to hide the painful condition of their feet, due to long weary tramps from table to table. Seats in such cases are absolutely necessary. So far as Hornsey is concerned I find full attention is paid by employers to these matters.

Only one complaint has been received during the past year, which had due attention."

**Employment of Children Act, 1903.**—Mr. F. J. Pateman is the Inspector appointed under this Act. His report is as follows:—



"This Act came into operation on the 1st January, 1904, and, after due inquiry, Bye-laws were framed and became operative in the Borough on the 17th January, 1905.

With only 12 months' experience in the administration of this Act, any discussion as to its value from an educational and physical standpoint may appear premature.

It is obvious, however, that where the condition of labour is detrimental to the educational and physical development of the child, any limitations provided by the Statute must prove beneficial to the community at large. A return submitted to the local authority in 1904 showed that there were within the Borough 570 children between the ages of 7 and 14 employed for wages out of school hours, their occupations being as follows:—

Newspaper delivery 67, milk delivery 107, shop and errand boys 236, domestic work for wages 88, laundry work 33, street trading 6, other employments 33.

The immediate effect of the Bye-laws was to—

- (a) release 185 children who were under 11 years of age from premature toil:
- (b) curtail in 96 cases the employment of children who were working more than 25 hours per week:
- (c) Abolish step-cleaning and street trading by children: and
- (d) indirectly to secure a more regular and punctual attendance at school.

There are now about 450 children residing within the Borough employed within the limitations provided by the Bye-laws.

During the year 116 children have been detected working contrary to the Bye-laws, and in each case notices have been issued to the defaulter. In 2 cases, however, where the employment was of a gross nature legal proceedings were instituted against the employers, and fines were imposed.

The Officer's report book shows that—

30	children	were	engaged	in	street-trading.
31	"	"	"	in	delivering milk.
6	"	"	"	in	delivering bread.
2	"	"	"	in	delivering newspapers.
29	"	"	"	as	shop and errand boys.
11	"	"	"	as	step-cleaners.
3	"	"	"	in	laundry work.
4	"	"	"	in	other occupations.

A notice was served upon the Acting Manager of a theatre for failing to send to the Local Authority, as prescribed by the Act, a Magistrate's licence authorizing him to engage 2 children in a series of entertainments.

The following table will show the nature of the offences under the Act during the year:—

Employed between 9 p.m. and 6.30 a.m.	Employed between 8 a.m. and 5 p.m.	Employed in prohibited occupations.	Under 11 years of age.
39	31	38	8

The difficulty in administering this Act has been greatly increased by the influx of children from the adjoining parishes where Bye-laws are not in operation. These children are for the most part engaged as hawkers, step-cleaners, and milk-sellers. A return shows that of the 116 children illegally employed 41 reside within the Borough of Hornsey, 30 in London, 31 in Tottenham, 8 in Wood Green, 4 in Edmonton, 1 in Finchley, and 1 in Friern Barnet.

There is a point on the economic side of the question of child employment to which I have directed my inquiries, viz., the alleged justification of sacrificing children to premature toil upon the ground of monetary needs of the parents. Taking the occupations of the parents of the children reported, I find that 37 were labourers, 4 hawkers, 1 horsekeeper, 4 railway porters, 5 bakers, 2 confectioners, 2 stokers, 2 engine drivers, 9 milkmen, 3 masons, 4 clerks, 8 painters, 3 bricklayers, 7 shoemakers, 2 coachmen, 2 newsagents, 4 carpenters, 2 carriers, 1 malster, 1 gardener, 1 wood-dealer, 1 dustman, 2 laundrymen, 2 messengers, 1 cat's meat purveyor, 3 widows. Now in some cases the system is part of the deeper problem of poverty where the child's earnings add to the small income of the family and bring relief; but from careful observation I am convinced that in the majority of cases no attempt could be made to justify the employment on the ground of poverty of the parents. The child's earnings are necessarily small, and cannot balance the disadvantage of an excessive use of their small working powers.

I have failed to trace any case of hardship arising from the administration of this Act, and I am fully convinced that when the parents can be persuaded to form a right conception of their



duty they will consider the children's future rather than any present possible needs."

**Diseases of Animals Acts.**—The Veterinary Inspector under these Acts is Mr. W. Lewis.

The following table is a summary of the work done under the Diseases of Animals Acts:—

	DOGS.			GLANDERS.		Sidings at Hornsey Station. No. of times inspected.
	Seized.	Owued.	Des- troyed.	Out- breaks.	Horses des- troyed.	
1st Quarter ...	136	4	132	3	10	3
2nd .. ...	86	3	83	4	4	3
3rd .. ...	81	1	80	2	3	3
4th .. ...	97	5	92	1	1	3
<b>Totals for the year</b>	<b>400</b>	<b>13</b>	<b>387</b>	<b>10</b>	<b>18</b>	<b>12</b>

The 10 outbreaks of Glanders occurred at the following places:—5 at the North Metropolitan Tramway Co.'s Stables, Finsbury Park, and 1 each at Osborne Stables, Stroud Green Road, Stables Scarborough Road, Stables Park Road, Stables Clarendon Road, and Stables Cross Lane.

There have been fewer outbreaks of Glanders than in 1904 (10 against 12), but more horses have been destroyed in connection with these outbreaks (18 against 12).

The number of dogs seized under the Rabies Order of 1897 is considerably greater than in 1904, viz., 400 against 277. A very insignificant proportion of the dogs seized is claimed by owners, by far the greater number being kept the requisite time and then destroyed.

The sidings, gangways, etc., at the Hornsey Station have been in a satisfactory condition at each inspection.

**Movement of Swine.**—Nineteen Certificates for the movement of swine into the Borough have been issued by the Medical Officer of Health, and 13 by the Veterinary Inspector.

**House to House Inspections** in Campsbourne, Churchyard Bottom, and other areas of similar class property.



In these inspections 167 houses have been examined, with the following result:—

Defective drainage re-constructed in ... ..	56 houses
Defective water-closets repaired or replaced in ... ..	38 „
Defective check cisterns do. ... ..	8 „
Water laid on for flushing purposes to water closets	
which had no water supply laid on ... ..	23 „
Defective drain inlets replaced ... ..	31 „
Defective soil pipes repaired ... ..	8 „
Defective paving repaired at ... ..	56 „
Defective or dirty drinking water cisterns attended to	23
Dust bins provided ... ..	25
Cesspools filled in ... ..	3
Dirty houses cleansed ... ..	31
Other nuisances abated ... ..	26

Certificates have been given by the Medical Officer of Health where exemption from Inhabited House Duty was claimed, in respect of 217 flats.

In many cases the certificates were withheld for a time until various sanitary defects had been remedied.

**Water Supply.**—Eight samples of water have been sent to Professor Kenwood for analysis, and in each case a satisfactory report was made.

In a few cases houses have been found where the water supply was derived from a well sunk on the premises. Four wells have been found and closed during the year.

**Diseased and Unsound Food.**—The following articles have been destroyed at the instance of the Local Authority during the year:—

Fish ... ..	85 lbs.
Fruit ... ..	50 lbs.
Beef and Pork ... ..	18 cwt.

**Factory and Workshop Act, 1901.**—A comparison of the record of work done under this Act during 1905 and previous years shows a large increase in the work done during 1905.

The number of inspections of premises made was 679 in 1905 and 570 in 1904.

The number of written notices served was 147 in 1905 and 67 in 1904.

The number of sanitary defects discovered and remedied was 214 in 1905 and 124 in 1904.

**Register of Workshops.**—The number of Workshops on the Register at the end of 1905 was 297, an increase of 66 as compared with the previous year.

The Register now includes the following Workshops:—

Dressmakers	...	...	...	...	65
Milliners	...	...	...	...	20
Bootmakers and repairers	...	...	...	...	44
Cycle makers and repairers	...	...	...	...	6
Farriers	...	...	...	...	5
Picture Frame Makers	...	...	...	...	4
Children's Outfitters	...	...	...	...	3
Tailors	...	...	...	...	11
Laundries	...	...	...	...	27
Restaurant Kitchens	...	...	...	...	25
Bakers	...	...	...	...	40
Miscellaneous	...	...	...	...	47

**Sanitary Condition of Workshops and Workplaces.**—The most common defect found on inspection was want of cleanliness. In 102 instances it was necessary to call the attention of the occupier to the dirty condition of the premises, but in no case was further action necessary, as the matter was promptly attended to.

In 30 cases the arrangements made for ventilation of the workrooms were inadequate. In each case sufficient means of ventilation were provided without unreasonable delay.

No cases of overcrowding of workrooms were discovered.

In 5 of the 27 laundries the means provided for draining off the wet from the floors were insufficient. In each case the defective arrangements were remedied.

**Home Work.**—There are 83 persons on the list of Home-workers. Only 1 case of infectious disease has occurred in a house occupied by a home-worker. In this case the nature of the work and other circumstances rendered it necessary to prohibit the carrying on of the occupation for a time.



**Bakehouses.**—There are 40 Bakehouses in the Borough. One bakehouse has been added to the list during the year, and at one bakehouse the business has been discontinued, leaving the total the same as last year.

Six of the bakehouses are underground bakehouses.

Frequent inspections have been made, and, speaking generally, the condition of the bakehouses has been satisfactory.

The Dairies and Milkshops, numbering 70, and the 3 Cowsheds have been frequently visited. In 25 instances the attention of the occupier has been called to contraventions of the bye-laws and regulations, and the matter has received proper attention.

The number of premises now on the list for periodical inspection is 495, as compared with 412 last year and with 152 two years ago.

The preliminary notices issued numbered 921, as against 901 in 1904, and 340 in 1903. The statutory notices served were 390, as against 138 in 1904 and 73 in 1903.

# ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH FOR 1905, FOR THE BOROUGH OF HORNSEY.

## FACTORIES, WORKSHOPS, LAUNDRIES, WORK- PLACES, AND HOME WORK.

### 1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF  
NUISANCES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories ... .. (Including Factory Laundries.)	64	11	0
Workshops ... .. (Including Workshop Laundries).	451	124	0
Workplaces ... ..	54	12	0
Homeworkers' Premises ..	110	0	0
Total ... ..	679	147	0

### 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H. M. Inspector.	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness... ..	102	102	0	0
Want of ventilation... ..	30	30	0	0
Overcrowding ... ..	0	0	0	0
Want of drainage of floors ..	5	5	0	0
Other nuisances .. ..	45	45	0	0
†Sanitary ac- commodations {	insufficient ...	12	0	0
	unsuitable or defective ...	18	0	0
	not separate for sexes ...	2	0	0
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101) ... ..	0	0	0	0
Breach of special sanitary requirements for bakehouses (SS. 97 to 100) ... ..	0	0	0	0
Failure as regards lists of out-workers (S. 107) ... ..	0	0	0	0
Giving out work to {	unwholesome (S. 108) ...	0	0	0
	be done in pre- infected (S. 110) ...	0	0	0
	mises which are {			
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S. 109)	0	0	0	0
Other offences ... ..	0	0	0	0
Total ... ..	214	214	0	0

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

† For districts not in London state here whether Section 23 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and, if so, what standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.



## 3.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories:—	
Failure to affix Abstract of the Factory and Workshop Act (S. 133)...	11
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5) ...	0
Notified by H.M. Inspector Reports (of action taken) sent to H.M. Inspectors	0
Other ...	8
Underground Bakehouses (S. 101):—	
Certificates granted during the year ...	0
In use at the end of the year ...	6
Homework:—	Number of
<i>Lists of Outworkers*</i> (S. 107):—	Lists. Outworkers.
Lists received ...	23 83
Addresses of forward to other Authorities outworkers received from other Authorities ...	61 74
<i>Homework in unwholesome or infected premises:—</i>	Wearing Apparel. Other.
Notices prohibiting homework in unwholesome premises (S. 108) ...	0 0
Cases of infectious disease notified in homeworkers' premises ...	1 0
Orders prohibiting homework in infected premises (S. 110) ...	1 0
Workshops on the Register (S. 131) at the end of the year	
Important classes of work-shops, such as workshop bakehouses, may be enumerated here.	Bakehouses ... 40 Laundries ... 27 Restaurant Kitchens... 25 Miscellaneous ... 205
Total number of workshops on Register ...	297

\* The Lists should be received twice in the year. The year's figures required in the Table are then obtained by adding together the two half-yearly totals.

Public Health Acts Amendment Act, 1890, Part 3, adopted October 1890.

**TABLE 1.**  
**VITAL STATISTICS OF WHOLE BOROUGH DURING 1905**  
**AND PREVIOUS YEARS.**

Name of District:—HORNSEY.

YEAR.	Popula- tion es- timated to Mid- dle of each Year.	BIRTHS.		Total Deaths Registered in the District.				TOTAL DEATHS IN PUB- LIC IN- STITU- TIONS IN THE DIS- TRICT.	Deaths of Non- resi- dents regis- tered in Public Institu- tions in the Dis- trict	Deaths of Resi- dents regis- tered in Public Institu- tions beyond the Dis- trict	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Num- ber.	Rate.*	UNDER ONE YEAR OF AGE.		AT ALL AGES.						
				Num- ber.	Rate per 1,000 Births regis- tered.	Num- ber.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	55,908	1,142	20.43	144	126	565	10.15	7	2			
1896	58,839	1,294	21.99	133	102	523	8.88	6	1			
1897	61,818	1,337	21.64	138	103	528	8.54	3	5	25	548	8.86
1898	64,743	1,342	20.74	158	117	579	8.94	9	7	22	594	9.22
1899	67,664	1,461	21.60	156	106	682	10.08	8	5	17	694	10.25
1900	70,597	1,493	21.15	153	102	619	8.77	11	9	14	624	8.84
1901	73,549	1,511	20.55	127	84	597	8.12	5	2	22	617	8.38
1902	75,623	1,565	20.71	129	82	620	8.20	7	6	25	639	8.44
1903	78,452	1,561	19.91	130	83	589	7.51	13	7	22	604	7.69
1904	84,227	1,659	19.69	145	86	660	7.81	8	3	33	690	8.19
Aver- ages for years 1895- 1904	69,142	1,436	20.84	141	99	596	8.70	7	4	22	626	8.73
1905	85,213	1,567	18.38	106	67	607	7.12	17	12	101	696	8.16

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

Area of District in acres (exclusive of area covered by water) ... 2,863.442

Total population at all ages ... 72,056

Number of inhabited houses ... 12,571

Average number of persons per house .. 5½

At Census  
of 1901.

1. Institutions within the Dis- trict receiving sick and in- firm persons from outside the District.	2. Institutions outside the District receiving sick and infirm persons from the District.	3. Other Institutions, the deaths in which have been distributed among the sev- eral localities in the District.
Isolation Hospital, Mus- well Hill.	Workhouse and Infirm- ary, Edmonton.	
Cromwell House Conval- escent Home.	Small Pox Hospital, Summers Lane, Finch- ley.	
Santa Claus Home.	Fever Hospital, Liver- pool Road.	
All Saints' Convalescent Home.	Middlesex County Asy- lum, Wandsworth.	
	The various Hospitals in London.	

Union Workhouse not in Borough.



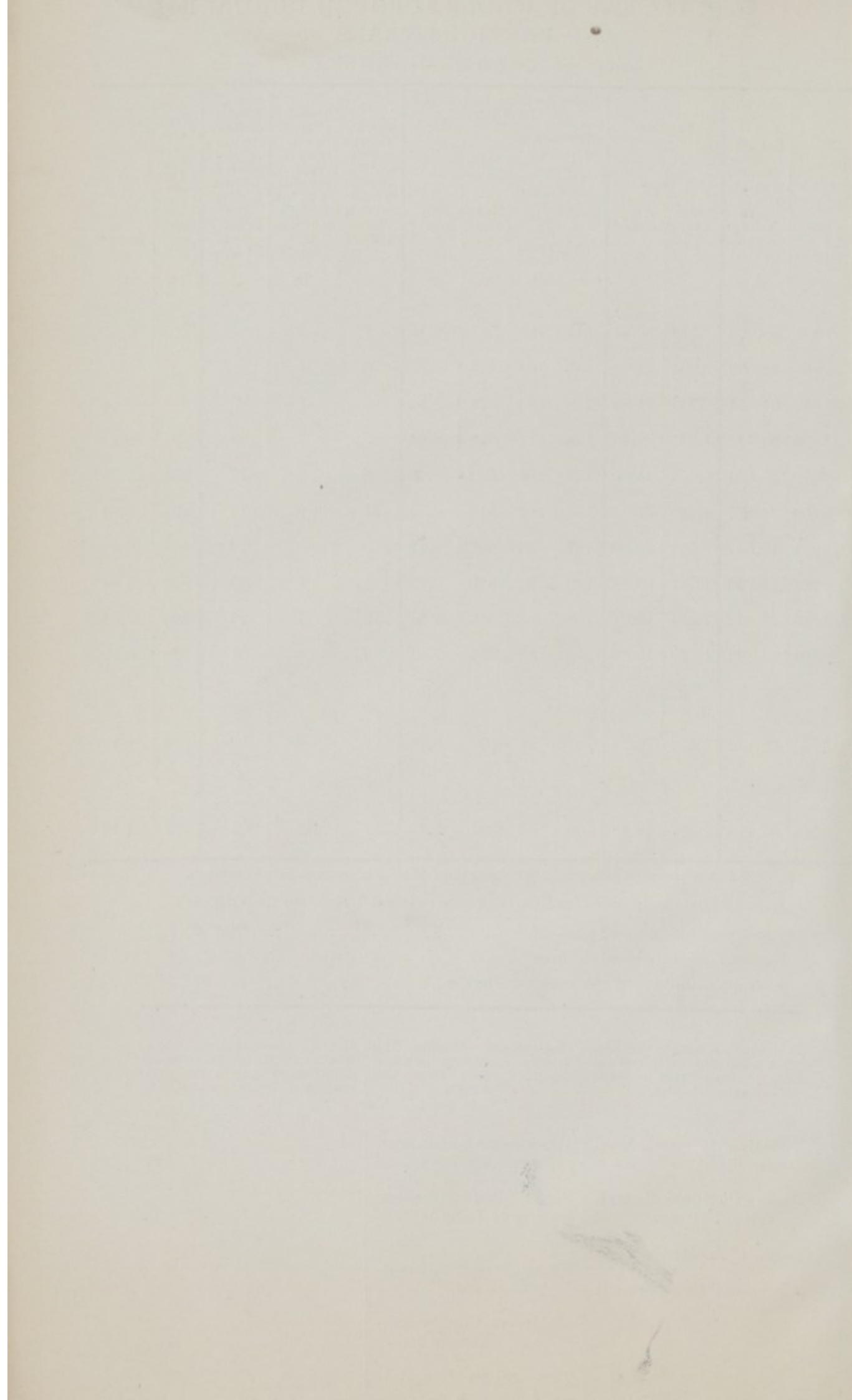


TABLE II.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1905 AND PREVIOUS YEARS.  
Name of District:—HORNSEY.

Year.	1.—The Borough.				2.—Highgate.				3.—Marewell Hill.				4.—Crouch End.				5.—West Hornsey.				6.—East Hornsey.				7.—North Haringey.				8.—South Haringey.				9.—Stroud Green.				10.—Finsbury Park.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.				
1895	55,908	1,142		144																																				
1896	58,829	1,294		133																																				
1897	61,818	1,337	548	138																																				
1898	64,743	1,342	594	158																																				
1899	67,664	1,461	694	156																																				
1900	70,297	1,493	624	153																																				
1901	73,549	1,511	617	127																																				
1902	75,623	1,565	630	129																																				
1903	78,432	1,561	604	130																																				
1904	81,227	1,629	690	143																																				
Average of Years 1905 to 1910.	69,142	1,436	626	141																																				
1905	83,213	1,567	696	106	12,101	178	95	17	10,613	157	73	6	8,362	70	38	4	12,131	350	125	34	12,123	280	97	15	10,186	220	86	16	5,918	91	51	4	9,318	96	57	2	7,539	120	74	8





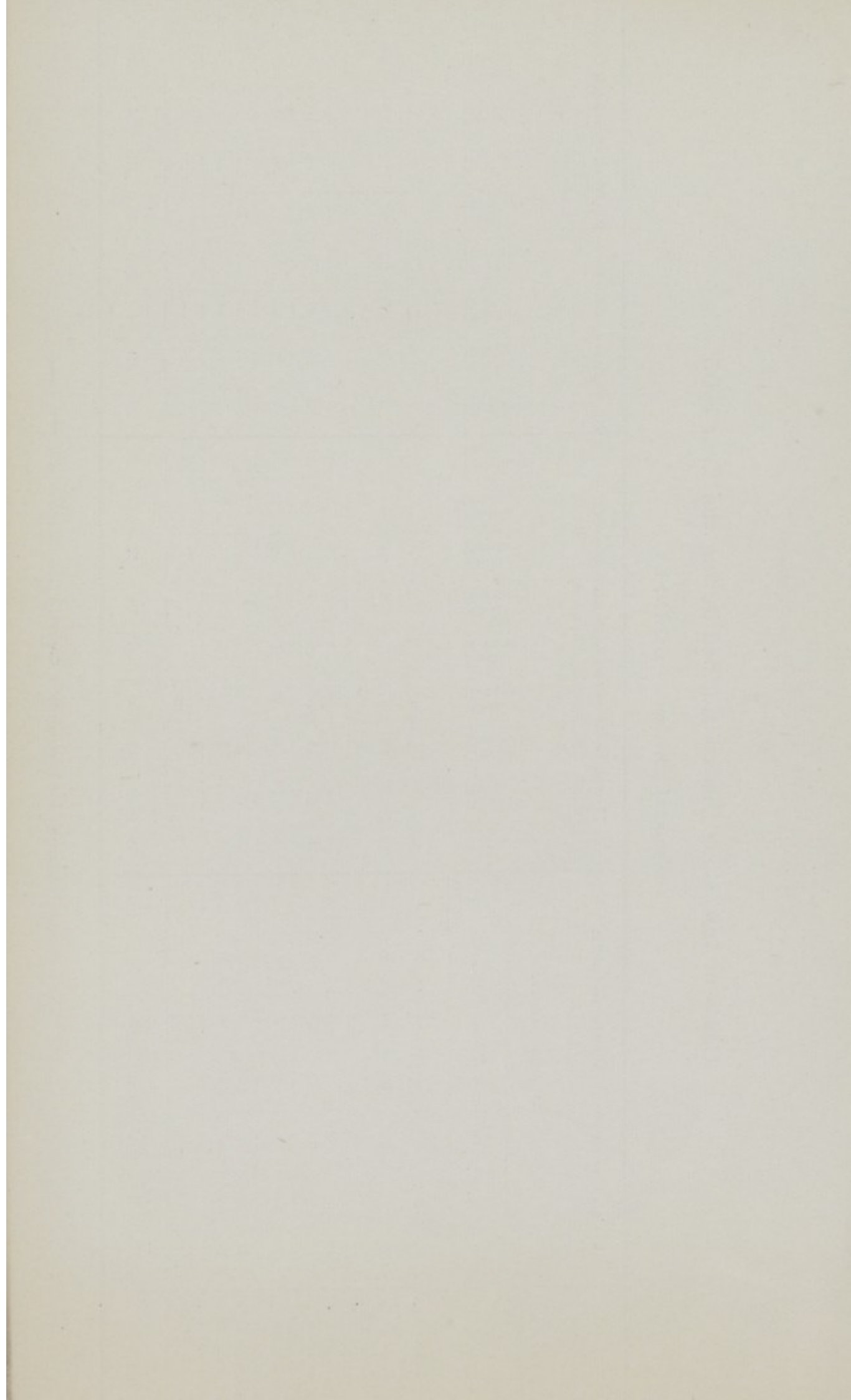
TABLE III.

## Cases of Infectious Disease notified during the Year 1905.

Name of District:—HORNSEY.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.									NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY								
	At all Ages.	At Ages—Years.						Highgate.	Muswell Hill.	Crouch End.	West Hornsey.	East Hornsey.	North Hornsey.	South Hornsey.	Stroud Green.	Finsbury Park.	Highgate.	Muswell Hill. (H)	Crouch End.	West Hornsey.	East Hornsey.	North Hornsey.	South Hornsey.	Stroud Green.	Finsbury Park.
		Under 1.	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards.																		
Small-pox ...	1	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ...	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	153	1	24	88	18	22	—	13	15	13	37	25	8	25	14	3	7	8	6	30	17	5	13	8	1
Membranous croup ...	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	39	—	2	1	5	28	3	4	—	3	8	4	5	5	5	5	—	—	—	—	—	—	—	—	—
Scarlet fever ...	261	4	62	147	32	16	—	36	27	14	86	35	14	15	23	11	22	10	4	75	30	11	10	10	5
Typhus fever ...	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric fever ...	20	—	3	3	6	8	—	5	1	1	6	1	1	2	2	1	—	1	—	4	—	—	1	—	—
Relapsing fever	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued fever	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal fever	3	—	—	—	—	3	—	1	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—
Plague ...	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals ...	477	5	91	239	61	78	3	59	43	31	138	66	28	47	45	20	29	19	10	109	47	16	24	18	6

The Isolation Hospital for the Borough is in Coppett's Road, Muswell Hill, N.

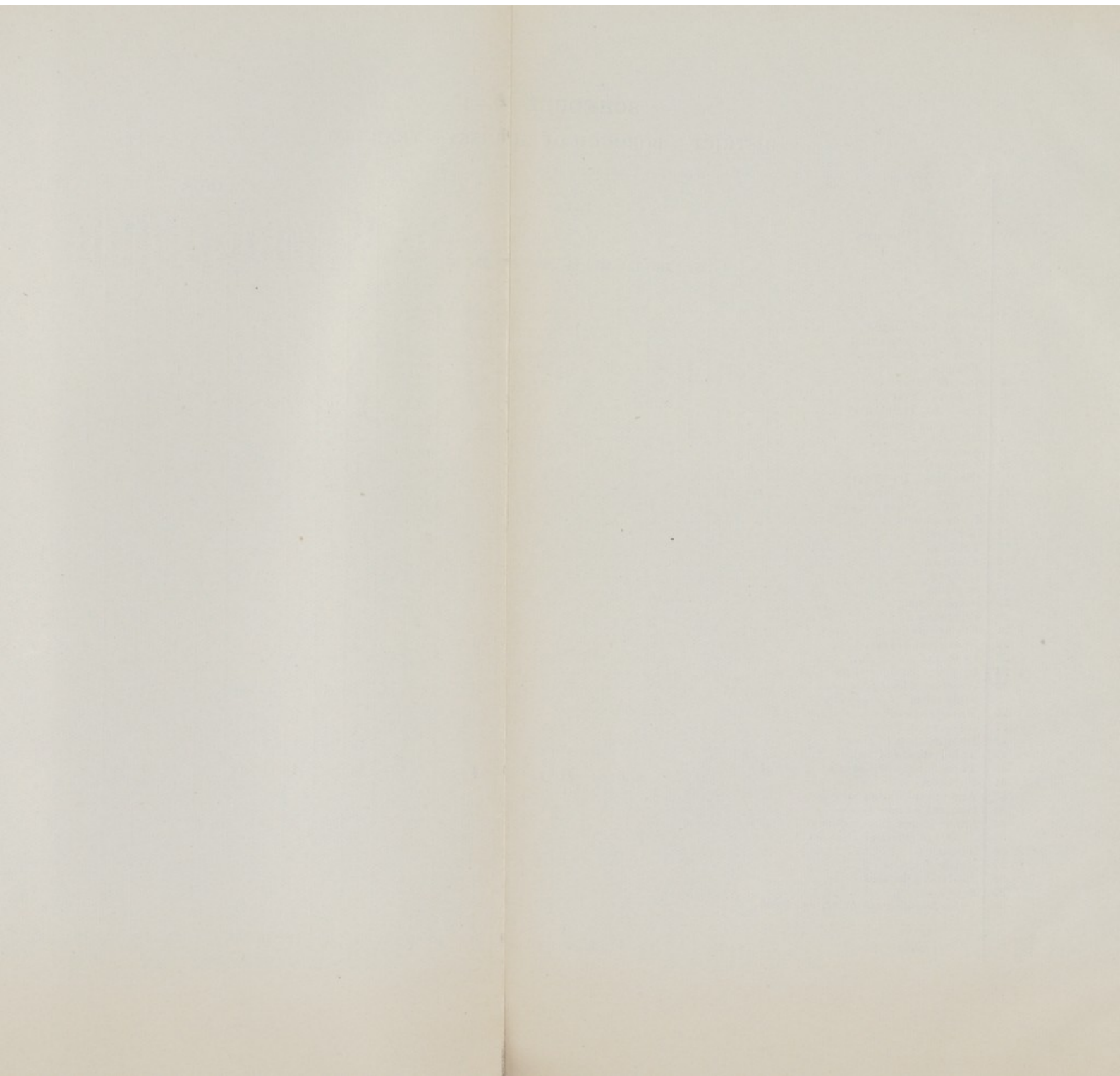




# SCHEDULE A.—1.

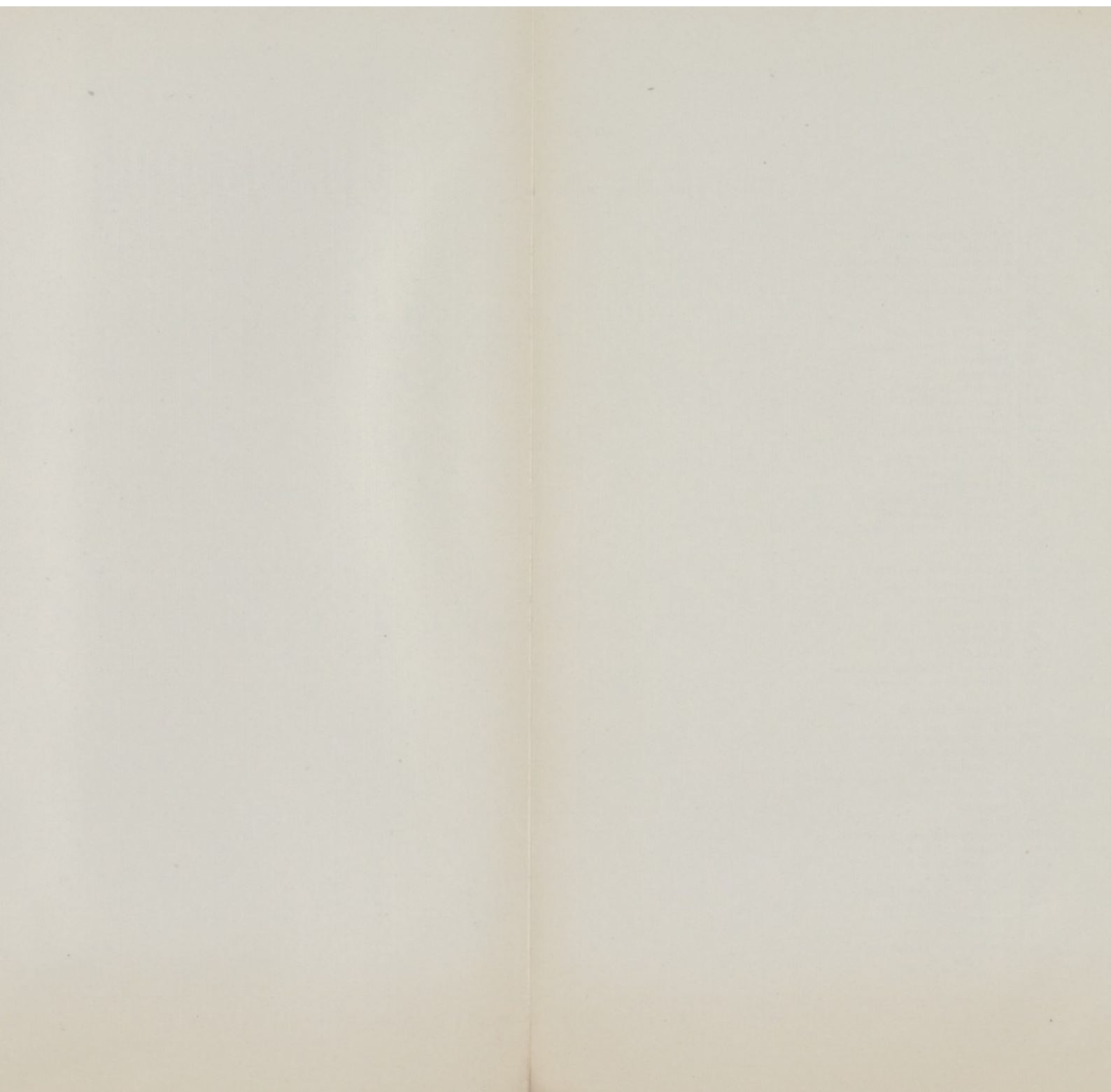
DISTRICT:—BOROUGH OF HORNSEY.—YEAR 1905.

No.	Diseases.	AGES.														All Ages.	WARDS.									
		0-	1	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85-	Highgate.		Muswell Hill.	Crouch End.	West Hornsey	East Hornsey.	North Haringey	South Haringey.	Stroud Green.	Finbury Park.		
1	Small pox																									
	(a) Vaccinated ...																									
	(b) Unvaccinated ...																									
	(c) No Statement ...																									
2	Measles	2	5	2											9			2	5	1		1				
3	Scarlet Fever		1	1					1						3				1	1	1					
4	Typhus Fever																									
5	Epidemic Influenza								1	2	2	5	3	1	14		2	1	4	3	1	1	1	1	1	1
6	Whooping Cough	4	5	1											10	1		2	2	2	1	1	1	1	1	1
7	Diphtheria		7	1											8	2		1	2	1	1	1				
8	Enteric Fever								1	1					2	1										1
9	Asiatic Cholera																									
10	Diarrhoea, Dysentery	1													1				1							
11	Epidemic Enteritis	5	1												6			1	1		3		1			
12	Other Allied Diseases																									
13	Hydrophobia																									
14	Glanders																									
15	Tetanus																									
16	Anthrax																									
17	Cowpox																									
18	Syphilis																									
19	Gonorrhœa																									
20	Phagedæna																									
21	Erysipelas		1						1					1	3							1	2			
22	Puerperal Fever								1						1					1						
23	Pyæmia		1					1	1	1		2	1	1	8		1	1		1	2		1		2	
24	Infective Endocarditis																									
25	Other Allied Diseases																									
	Stomatitis	1													1	1										
26	Malarial Fever																									
27	Rheumatic Fever																									
28	Rheumatism of Heart							1							1	1										
29	Tuberculosis of Brain	4	5									1			10	2	1	3	1		2		1			
30	Tuberculosis of Larynx																									
31	Phthisis	1				4	4	23	14	6	3	3			58	5	7	1	12	9	9	7	2	6		
32	Abdominal Tuberculosis		3		1			1							5				3		1	1				
33	General Tuberculosis																									
34	Other forms Tuberculosis									1					1				1							
35	Other Infective Diseases																									
36	Thrush																									
37	Actinomycosis																									
38	Hydatid Diseases																									
39	Scurvy																									
40	Other Diseases due to Altered Food																									
	Totals...	18	29	5	1	4	5	29	20	9	11	7	3	—	141	13	11	10	33	19	22	13	9	11		

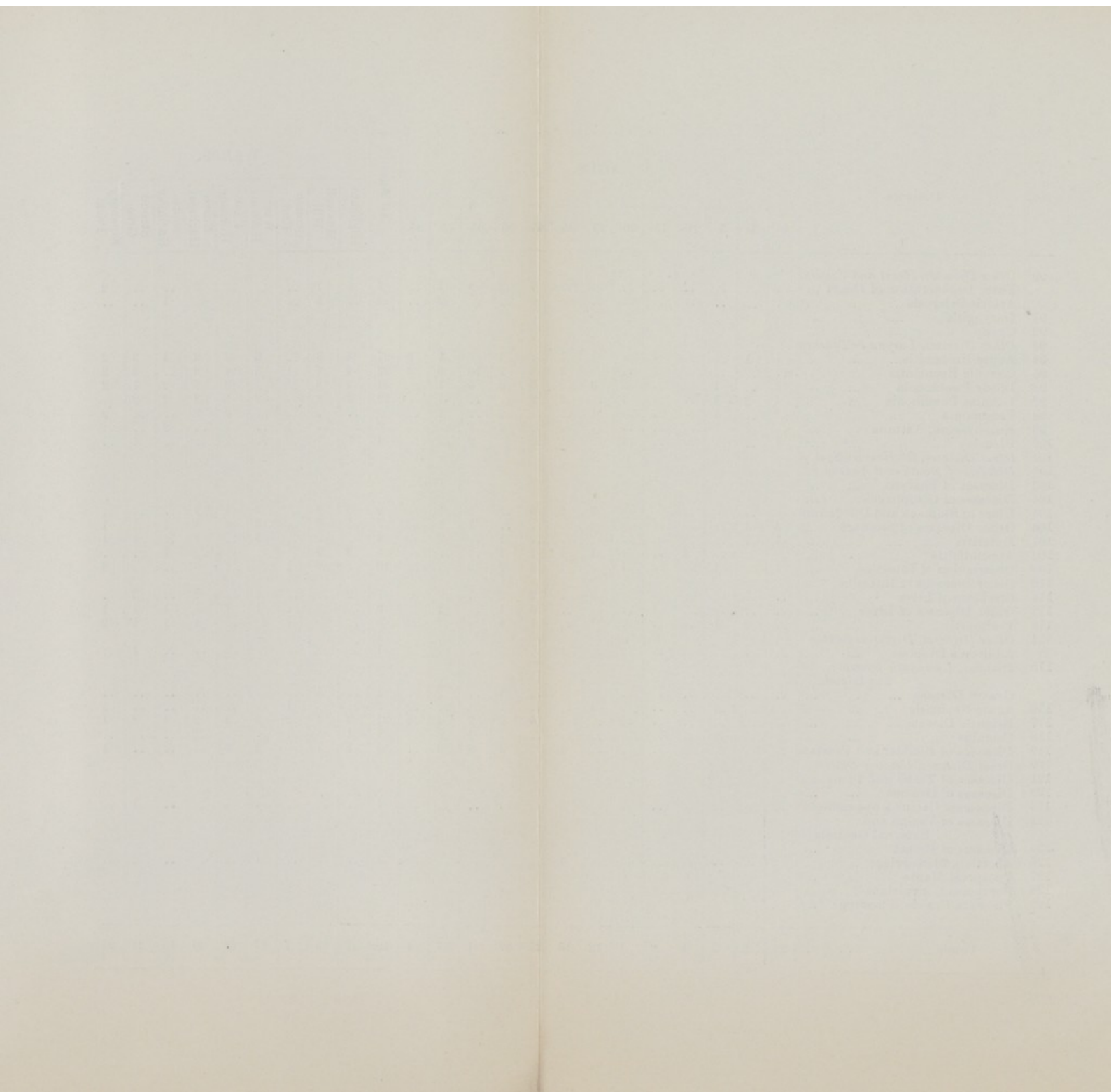


No.	Diseases.	AGES.														All Ages.	WARDS.									
																	Highgate.	Muswell Hill.	Crouch End.	West Hornsey.	East Hornsey.	North Haringey.	South Haringey.	Stroud Green.	Finsbury Park.	
		0-	1	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85-												
41	Acute Alcoholism ...	..	..	..	..	..	..	..	..	1	2	..	..	..	3	..	..	..	..	..	..	1	1	..	..	
42	Chronic Alcoholism ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
43	Chronic Industrial Poisonings ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
44	Other Chronic Poisonings ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
45	Osteo-arthritis ...	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	
46	Gout ...	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	
47	Cancer ...	..	..	..	..	1	..	5	11	20	20	6	2	65	13	12	2	7	9	7	4	4	7	..	..	
48	Diabetes Mellitus ...	..	..	..	..	..	1	1	..	2	3	1	1	9	..	2	..	1	2	1	..	1	2	..	..	
49	Purpura Hæmorrhagica ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
50	Hæmophilia ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
51	Anæmia ...	..	1	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	1	..	1	..	..	..	..	
52	Lymphadenoma ...	..	..	..	..	..	..	..	..	..	..	..	..	22	3	..	..	6	3	3	1	1	5	..	..	
53	Premature Birth ...	22	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	
54	Injury at Birth ...	2	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	1	
55	Debility at Birth ...	5	..	..	..	..	..	..	..	..	..	..	..	5	2	..	..	1	2	..	..	..	..	..	..	
56	Atelectasis ...	3	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	1	1	..	..	..	..	..	..	
57	Congenital Defects ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Hydrocephalus ...	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	
	Heart Disease ...	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	
	Stricture of Pylorus ...	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	
58	Want of Breast Milk ...	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	3	1	1	..	..	..	..	..	
59	Atrophy, Debility, Marasmus ...	14	..	..	..	..	..	..	..	..	..	..	..	14	1	1	2	6	2	1	..	..	..	..	1	
60	Dentition ...	1	1	..	..	..	..	..	..	..	..	..	..	2	1	..	1	..	..	..	..	..	..	..	..	
61	Rickets ...	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	
62	Old Age, Senile Decay ...	..	..	..	..	..	..	..	..	7	34	15	56	14	4	4	10	8	4	1	5	6	..	..	..	
63	Convulsions...	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	2	1	..	..	..	..	..	..	
64	Meningitis ...	4	5	1	1	1	..	1	1	..	..	..	..	14	2	2	..	3	1	2	1	2	1	..	..	
65	Encephalitis ...	..	..	1	..	..	..	..	..	1	..	..	..	2	..	1	..	..	1	..	..	..	..	..	..	
66	Apoplexy ...	..	..	..	..	1	1	3	8	16	6	1	36	2	2	2	5	8	7	..	6	4	..	..	..	
67	Softening of Brain ...	..	..	..	..	..	..	..	..	2	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	
68	Hemiplegia ...	..	..	..	..	..	..	..	..	2	1	3	1	3	1	..	1	..	..	..	..	..	..	..	1	
69	General Paralysis of Insane ...	..	..	..	..	..	2	..	1	..	..	..	..	3	..	1	1	..	1	..	..	..	..	..	..	
70	Other forms of Insanity ...	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	
71	Chorea ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
72	Cerebral Tumour ...	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	
73	Epilepsy ...	..	..	1	1	1	..	..	..	..	..	..	..	3	..	1	..	1	..	..	1	..	..	..	..	
74	Laryngismus Stridulus ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
75	Locomotor Ataxy ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
76	Paraplegia ...	..	1	..	..	..	..	..	..	1	1	2	..	5	1	..	..	1	..	..	3	..	..	..	..	
77	Other forms, Brain Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Paralysis Agitans ...	..	..	..	..	..	1	..	..	1	..	..	..	2	1	..	..	1	..	..	..	..	..	..	..	
	Neuritis ...	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	
78	Otitis ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
79	Disease of Nose, Epistaxis ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
80	Diseases of Eye ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
81	Pericarditis...	..	..	1	1	..	2	6	8	17	14	1	..	50	6	4	5	6	6	6	3	4	10	..	..	
82	Endocarditis ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
83	Hypertrophy of Heart ...	..	..	..	..	..	..	..	..	..	2	1	..	3	..	1	..	..	..	..	1	1	..	..	..	
84	Angina Pectoris ...	..	..	..	..	..	..	..	..	2	1	..	..	3	..	1	..	1	..	..	1	..	..	..	..	
85	Aneurism ...	..	..	..	..	..	1	..	2	..	..	..	..	3	..	1	1	..	1	..	..	..	..	..	..	
86	Senile Gangrene ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
87	Embolism, Thrombosis ...	..	..	..	..	1	..	1	..	1	..	..	..	3	1	..	2	..	..	..	..	..	..	..	..	
88	Phlebitis ...	..	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	
89	Varicose Veins ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Totals ..	62	8	4	3	5	5	20	25	58	71	53	20	334	52	35	21	61	48	33	19	26	39	..	..	





No.	Diseases.	AGES.														All Ages.	WARDS.										
		0-	1-	5-	10-	15-	20-	25	35-	45-	55-	65-	75-	85-	Highgate.		Muswell Hill.	Crouch End.	West Hornsey.	East Hornsey.	North Haringey.	South Haringey.	Stroud Green.	Finbury Park.			
90	<i>Other Diseases, Heart and Vessels</i>																										
	Fatty Degeneration of Heart ...	..	..	..	..	..	..	..	..	1	2	3	1	..	7	1	1	..	..	..	3	..	..	..			
	Arteris Sclerosis ...	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	1	..	..	..	1	..	..	..			
91	Laryngitis ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
92	Croup ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..			
93	<i>Other Diseases, Larynx &amp; Trachea</i>																										
94	Acute Bronchitis...	7	1	..	..	1	..	1	1	..	4	3	7	2	27	4	3	..	6	3	2	4	3	2			
95	Chronic Bronchitis ...	..	..	..	..	..	..	..	1	2	2	10	6	2	23	4	3	1	3	4	3	..	3	2			
96	Lobar Pneumonia ...	2	..	1	..	..	2	3	2	5	3	5	1	..	24	3	4	..	4	3	5	2	1	2			
97	Lobular Pneumonia ...	4	2	1	..	..	1	..	1	2	..	..	1	..	12	2	1	..	2	1	2	2	2	..			
98	Pneumonia ...	2	..	1	..	..	..	1	..	..	2	..	1	..	7	..	..	..	1	2	2	..	..	2			
99	Emphysema, Asthma ...	..	..	..	..	..	..	..	..	..	2	1	..	..	3	..	..	1	..	..	..	2	..	..			
100	Pleurisy ...	1	..	..	..	..	..	..	1	..	..	2	..	..	4	1	1	..	..	1	..	1	..	..			
101	<i>Other Diseases, Respiratory System</i>																										
102	<i>Diseases of Mouth and Annæa</i>																										
103	Diseases of Pharynx ...	..	..	..	..	..	..	..	..	..	..	1	1	..	9	3	2	..	1	1	2	..	..	..			
104	Diseases of Esophagus ...	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	2	..	1	..	1	1	1	1			
105	Ulcer of Stomach and Duodenum	..	..	..	..	..	..	2	2	3	..	1	1	..	9	3	2	..	1	1	2	..	..	..			
106	Other Diseases of Stomach ...	4	1	..	..	..	..	..	..	..	..	1	1	..	7	..	2	..	1	..	1	1	1	1			
107	Enteritis ...	1	..	..	..	..	..	..	..	..	..	1	..	2	4	..	..	..	1	..	1	..	1	1			
108	Appendicitis ...	..	..	..	1	..	..	1	1	1	1	..	..	..	5	2	2	..	..	..	1	..	..	..			
109	Obstruction of Intestine ...	1	..	1	..	..	1	..	1	1	2	3	..	..	10	..	2	1	..	1	3	..	..	3			
110	Other Diseases of Intestine ...	..	..	..	..	..	..	..	..	..	..	..	..	..	7	2	..	..	1	..	2	..	2	..			
111	Cirrhosis of Liver ...	..	..	..	..	..	2	..	2	2	1	..	..	..	7	2	..	..	1	..	2	..	2	..			
112	Other Diseases of Liver ...	..	..	..	..	1	..	..	..	3	1	..	1	..	6	..	..	..	1	1	1	1	1	1			
113	Peritonitis...	..	2	1	..	..	..	1	..	1	1	..	..	..	6	..	..	1	..	..	1	1	1	2			
114	<i>Other Diseases, Digestive System</i>																										
	Addison's Disease ...	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..			
115	<i>Diseases, Lymphatic System and Glands.</i>																										
	Graves Disease ...	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	..			
116	Acute Nephritis ...	..	..	..	..	..	1	..	..	..	1	..	..	..	2	..	..	1	..	..	..	..	..	1			
117	Bright's Disease ...	..	..	..	..	..	..	1	6	3	7	4	..	..	21	3	1	2	4	4	2	1	3	1			
118	Calculus ...	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	..	..	..	..			
119	Diseases of Bladder and Prostate	..	..	..	..	..	..	1	..	1	2	3	..	..	7	1	1	..	1	3	..	..	..	1			
120	<i>Other Diseases, Urinary System</i>																										
121	Diseases of Testis and Penis ...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..			
122	Diseases of Ovaries ...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..			
123	Diseases of Uterus & Appendages	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..			
124	Diseases of Vagina and External Genitals	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..			
125	Diseases of Breast ...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..			
126	Abortion, Miscarriage ...	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..			
127	Puerperal Mania ...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..			
128	Puerperal Convulsions ...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..			
129	Placenta Prævia, Flooding ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..			
	Totals...	22	6	5	1	2	4	12	15	27	28	41	31	4	198	27	25	7	27	24	30	16	21	21			





No.	Diseases.	AGES.														All Ages.	WARDS.									
		0-	1-	5-	10	15-	20-	25-	35-	45-	55-	65-	75-	85-	Highgate		Muswell Hill.	Crouch End.	West Hornsey.	East Hornsey.	North Haringey.	South Haringey.	Stroud Green.	Finsbury Park.		
130	Puerperal Thrombosis .. ..																									
131	Other Diseases, Pregnancy and Childbirth )																									
	Phlegmasia Alba Dolens .. ..	...	...	...	...	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	
132	Arthritis, Periostitis .. ..																									
133	Other Diseases, Osseous System																									
134	Ulcer, Bedsore .. ..	...	...	...	...	...	...	...	...	1	...	1	...	...	2	...	...	...	1	...	...	1	...	...	...	
135	Eczema .. ..	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	
136	Pemphigus .. ..	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	
137	Other Diseases, Integumentary System )																									
	Accidents and Negligence.																									
138	In Mines and Quarries .. ..																									
139	In Vehicular Traffic .. ..																									
140	On Railways .. ..	...	...	...	...	...	...	...	...	1	...	1	...	2	1	...	...	...	...	...	...	1	...	...	...	
141	On Ships, Boats, &c. (not drowning)																									
142	In Building Operations .. ..																									
143	By Machinery .. ..																									
144	By Weapons and Implements..																									
145	Burns and Scalds .. ..	...	...	...	...	1	...	...	...	...	...	1	...	2	...	1	...	...	1	...	...	...	...	...	...	
146	Poisons, Poisonous Vapours ..																									
147	Surgical Narcosis .. ..																									
148	Effects of Electric Shock ..																									
149	Corrosions by Chemicals ..																									
150	Drowning .. ..	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	
151	Suffocation, Overlaid in Bed ..																									
152	Otherwise .. ..	2	...	...	...	...	...	...	...	...	1	1	...	4	..	...	...	1	...	1	1	...	1	...	1	
153	Falls not specified .. ..	...	...	...	...	...	...	1	1	...	...	...	...	2	...	...	...	1	1	...	...	...	...	...	...	
154	Weather Agencies .. ..																									
155	Otherwise, not stated .. ..																									
156	Homicide .. ..																									
	Suicides.																									
157	By Poison .. ..	...	...	...	...	...	1	...	1	1	...	...	...	3	...	...	...	...	1	...	...	...	...	2	...	
158	By Asphyxia .. ..																									
159	By Hanging and Strangulation																									
160	By Drowning .. ..	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	
161	By Shooting .. ..	...	...	...	...	...	1	...	1	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	
162	By Cut or Stab .. ..																									
163	By Precipitation from Elevated Places	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	
164	By Crushing .. ..																									
165	By other and unspecified methods																									
166	Execution .. ..																									
167	Sudden Death, cause not ascertained																									
168	Ill defined and unspecified causes																									
	TOTALS, SHEET No. 4 .. ..	4	...	...	...	1	3	2	5	3	2	3	...	23	3	2	...	5	5	1	3	1	3	...	...	
	TOTALS, SHEET No. 3 .. ..	22	6	5	1	2	4	12	15	27	28	41	31	4	198	27	25	7	27	24	30	16	21	21	...	
	TOTALS, SHEET No. 2 .. ..	62	8	...	4	3	5	5	20	25	58	71	53	20	334	52	35	21	60	49	33	19	26	39	...	
	TOTALS, SHEET No. 1 .. ..	18	29	5	1	4	5	29	20	9	11	7	3	...	141	13	11	10	33	19	22	13	9	11	...	
	GRAND TOTALS .. ..	106	43	10	6	9	15	49	57	66	100	121	90	24	696	95	73	38	125	97	86	51	57	74	...	



**TABLE V.**  
**BOROUGH OF HORNSEY DISTRICT.**  
**INFANTILE MORTALITY DURING THE YEAR 1905.**  
Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under 1 Year.
<b>All Causes</b>	(Certified ... .. Uncertified ... ..)	23	10	9	2	44	7	10	8	4	7	3	3	8	4	2	6	106
Common Infectious Diseases	Small-pox ... ..																	
	Chicken-pox ... ..																	
	Measles ... ..													1		1		2
	Scarlet Fever ... ..																	
	Diphtheria : Croup ... ..						1		1				1	1				4
Diarrhœal Diseases	Whooping Cough. ... ..						1		2		2						1	6
	Diarrhœa, all forms ... ..																	
	Enteritis (not Tuberculous) ... ..							1										1
	Gastritis, Gastro-intestinal Catarrh ... ..							1	1			1					1	4
	Premature Birth ... ..	13	3	5		21	1											22
Wasting Diseases	Congenital Defects ... ..		1			1												1
	Injury at Birth ... ..	1				1												1
	Want of Breast-milk. ... ..							1	1	1	1	1						5
	Atrophy, Debility, Marasmus ... ..	2	1	4		7		2	2	1		1					1	14
	Tuberculous Meningitis ... ..				1	1					1			1	1			4
Tuberculous Diseases	Tuberculous Peritonitis : Tabes Mesenterica ... ..																	
	Other Tuberculous Diseases ... ..													1				1
	Erysipelas ... ..																	
	Syphilis ... ..																	
	Rickets ... ..														1			1
	Meningitis (not Tuberculous) ... ..							1			1			2				4
	Convulsions ... ..		2			2		1										3
	Bronchitis ... ..						2	1	1				1			1	1	7
	Laryngitis ... ..							1		1	2		1		1		2	8
	Pneumonia ... ..																	
Other Causes	Suffocation, overlaying... ..																	
	Other Causes ... ..	7	3		1	11	2	1		1				2	1			18
		23	10	9	2	44	7	10	8	4	7	3	3	8	4	2	6	106

Registration District, Edmonton. Sub-district, Hornsey.

Population, estimated to middle of 1905, 85,213.

Births in the year { Legitimate, 1,542.  
Illegitimate, 25.

Deaths from all Causes at all Ages, 696.





No. 2.

## COUNTY OF MIDDLESEX.—SANITARY WORK, 1905.

Name of Sanitary District.	Laundries.		Bake-houses.		Slaughter Houses.		Cow-sheds.		Dairies and Milk-shops.		Unsound Food.			Adulterated Food.		Offensive trades.		Water Supply and Water Service.											
	Number in District.	Contraventions of Factory Acts.	Number in District.	Contraventions of Factory Acts.	Number on Register.	Contraventions of Bye-laws.	Number on Register.	Contraventions of Regulations.	Number on Register.	Contraventions of Regulations.	Animals seized.	Articles or parcels seized.	Articles or Parcels surrendered.	Samples taken.	Found adulterated.	Number of premises in District.	Contraventions of Bye-laws.	New Sunk.	Wells.		Percentage of Houses Supplied from Public Water Service.		Cisterns.			Draw-Taps Removed from Cisterns to Mains.		Percentage of Houses supplied on Constant System.	
HORNSEY.	27	33	40	31	10	9	3	—	70	25	2	7	72	273	4	—	—	—	—	4	100%	6	51	—	6	100%			

Name of Sanitary District.	Drainage and Sewerage.													Disinfection.			Dust.		Sundry nuisances abated.							
	Water Closets.				Drains.						Cesspools.			Rooms disinfected.	Rooms Stripped & Cleansed.	Articles disinfected or destroyed	New bins provided.	Periodical frequency of dust removal.	Number of complaints of non-removal received.	Overcrowding.	Smoke.	Accumulations of refuse.	Foul ditches, ponds, &c., and stagnant water.	Foul pigs and other animals.	Dampness.	Other nuisances.
	New Constructed.	Number of Water Closets Substituted for Dry Receptacles.	Repaired, Supplied with Water, or otherwise Improved.	Percentage of Houses Provided with Water Closets.	Examined, Tested, Exposed, &c.	Untopped, Repaired, Trapped, &c.	Waste Pipes, Rain Water Pipes, Disconnected, Repaired, &c.	Soil Pipes and Drains Ventilated.	Disconnecting-Traps or Chambers Inserted.	Reconstructed.	Rendered Impervious, Emptied, Cleansed, &c.	Abolished, & Drain Connected to Sewer.	Percentage of Houses Draining into Sewers.													
HORNSEY.	67	—	247	100	520	142	290	142	63	164	1	3	100	447	120	15,802	79	Weekly. Tenements & Flats twice a week.	44	4	1	48	5	—	56	125