

[Report of the Medical Officer of Health for Croydon].

Contributors

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County Borough of Croydon.



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
SCHOOL MEDICAL OFFICER

For the Year 1918.

R. VEITCH CLARK, M.A., M.B., Ch.B., B.Sc., D.P.H.

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*Public Health Department,
Town Hall,
Croydon,
December, 1919.*

*To the Mayor, Aldermen and Councillors of the County Borough
of Croydon.*

Mr. Mayor, Ladies and Gentlemen,

*I beg to submit the Annual Report of the work carried out by
the Public Health Department during the year 1918.*

*In the vital statistics there are one or two notable features.
The birth rate is exceedingly low and is less by nearly 1·2 per
thousand than the death rate. This comparison, however, is not
really a reliable one as the population as estimated by the
Registrar General for the calculation of the birth rate is much
higher than that used for the calculation of the death rate, a
circumstance arising out of the abnormal conditions of the War,
a large proportion of the men of the population being overseas.
The diminution of the birth rate also is to some extent due to this
fact.*

*The infant mortality of 76 per thousand births is the lowest on
record. In the years 1912 and 1916 the rate was 77.*

*During 1918 the country was visited by two epidemics of
influenza, the second of which was by far the most severe which
the country has experienced since the outbreak of 1890. An
account of these outbreaks in Croydon is given in the report.*

*The most outstanding event of the year in the Maternity and
Child Welfare work was the opening of St. Mary's Hostel, pre-
sented by the Mayor and Mayoress (Mr. Alderman and Mrs.
Howard Houlder). The Hostel has received very high
encomiums from the medical inspectors of the Local Government
Board. It has been visited by many representatives of other
authorities when similar institutions were projected by them.*



*With the
Medical Officer of Health's
Compliments.*

*Town Hall,
Croydon.*

One of the most urgent needs is the provision of an adequate mothers' and sick children's nursery or convalescent home in place of the existing small Sick Nursery now at 228, London Road, Croydon.

Owing to the fact that (as throughout the War) the whole of the assistant medical staff, all the clerical staff, and a very large proportion of the members of all other sections of the department were on active service, the Public Health activities of the town have, to a certain extent, been limited.

I have to acknowledge the unfailing courtesy and assistance which I, and the whole of the Public Health Department have experienced from the Members of the Council,

I am,

Your obedient servant,

R. VEITCH CLARK,

*Medical Officer of Health
and School Medical Officer.*

County Borough of Croydon.

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Year 1918.

VITAL STATISTICS.

Population—Census of 1911—169,551.

Estimated Population, June 1918—188,755 (Registrar General's Estimate of Civilian Population).

Birth Rate, per 1,000, 13.9.

Death Rate, per 1,000 living, 15.1. (See note † at foot of Table I., page 27.

Infantile Mortality, per 1,000 births, 76.

INFANT WORK.

INFANTILE MORTALITY is measured by the proportion of deaths under one year to 1,000 births, and amounted to 76, as compared with 87 in 1917, 77 in 1916, 83 in 1915, 79 in 1914, 94 in 1913, 77 in 1912, 105 in 1911, 87 in 1910, 79 in 1909, and 99 in 1908. During the year 1918, the rate for England and Wales was 97, while in the 96 large towns it was 106, and in the 148 smaller towns 94, and in London 107.

The figures for the various Wards were :—

	Births.	Deaths under 1 year.	Death-rate per 1000 Births (all causes)	Death-rate per 1000 births from "diarrhoeal" diseases.
Upper Norwood Sub-division	84	3	36	0
North Ward	516	42	81	8
Thornton Heath Sub-division	239	21	87	8
East Ward	303	30	99	13
BOROUGH	2632	202	76	2
Central Ward	205	13	63	5
South Ward	232	17	73	4
West Ward	704	57	80	10
South Norwood Ward	349	19	54	0

The following table shows the fluctuations since 1892 in the infantile mortality from "all causes," from "diarrhoeal diseases," and from "causes other than diarrhoeal."

Years.	Total Infantile Mortality from all causes.	Infantile Mortality from "diarrhoeal" diseases.	Infantile Mortality from other than "diarrhoeal" disease
1893—1897	142	25	117
1898—1902	143	38	105
1903	104	9	95
1904	128	29	99
1905	96	14	82
1906	125	42	83
1907	94	10	84
1908	99	12	87
1909	79	7	72
1910	87	10	77
1911	105	33	72
1912	77	11	66
1913	94	16	78
1914	79	12	67
1915	83	8	75
1916	77	7	70
1917	87	12	75
1918	76	7	69

DIARRHŒA AND EPIDEMIC ENTERITIS.

Deaths classified in the tables supplied by the Registrar-General as *diarrhœa*, *epidemic enteritis*, *enteritis* and *gastro-enteritis*, have been included as "diarrhœal" deaths: as this classification corresponds with that adopted in former years, comparisons made on the resultant figures are valid.

During 1918 diarrhœa and epidemic enteritis accounted for 9 deaths of infants under one year of age, 10 others being due to enteritis or gastro-enteritis, making a total of 19 deaths from "diarrhœal" diseases. A further 21 deaths at ages from one year or upwards were due to these diseases.

INFANT CENTRES.

The Borough Centre is held in the same place—228, London Road—as the School Treatment Centre and the Spinal Remedial Class and Sick Nursery. The Infant Centre work consists of two medical consultations weekly on Tuesday and Friday afternoons. At the medical consultations there have been during the year 1918 approximately *thirty-five* children attending each afternoon. The progress made by the children is extremely gratifying in practically all instances. Acute illnesses are not dealt with, being referred to hospital or private medical men. Expectant mothers are also seen and addressed as to their welfare.

Infant foods and, to a small extent, special foods for mothers are obtainable at the Centre. These are supplied free of cost only to the very poorest people. A charge is made to others, not exceeding the cost price of the article.

Simple medicines are also prescribed and dispensed.

The total number of infants seen at this Centre in the year 1918 has been:—

New Cases	...	...	...	...	382
Total Attendances	...	...	...	...	3,554

The Centre was opened in the latter part of 1914. One of the Lady Health Visitors acts as the Nurse to the Centre.

The **Croydon Mothers and Infants Welfare Association** provides nine other centres in the town. The town provides the nursing and medical staff for these centres. The work done by the association has grown greatly and has maintained a high level of efficiency. The co-operation between the Association and the Public Health Department is of the closest and pleasantest nature.

For the nine months, April to December, 1918, the number of infants seen at the ten Centres in the town was :—

Centre.	Under 12 months.			Over 12 months.			Seen by Doctor
	New Cases	Old Cases	Attend-ances.	New Cases	Old Cases	Attend-ances.	
Municipal, 228 London Road...	178	458	1556	93	343	1115	1264
Central	53	184	703	19	187	556	533
South Croydon	60	189	703	35	192	639	365
East Croydon	66	186	736	30	192	668	339
Woodside	39	240	770	26	235	693	415
South Norwood	58	274	826	36	501	1441	632
Upper Norwood	60	118	449	49	251	876	490
Grange Hall, Thornton Heath	33	157	465	19	179	490	535
St. Alban's „ „ ...	54	149	510	31	249	806	502
West Croydon	50	146	526	21	153	482	455
	651	2101	7244	359	2482	7766	5530

At all the Centres in the town the children are regularly seen by a doctor. At least once a week all those that really require medical advice are seen, and all the infants under twelve months are seen not less often than once a month. It has at times been difficult to maintain this full service owing to the restrictions of the staff, but on the whole the results of the work are as above stated.

At a considerable number of the Centres there are conducted auxiliary forms of activity, such as the demonstration of good modern hygienic infant clothing, penny banks, talks to mothers, and the distribution of fresh and dried milk and other foods, etc.

At all the Centres records are kept of both infants and toddlers.

MATERNITY HOSTEL.

In July was opened the new Maternity Hostel, "St. Mary's," St. James' Road, Croydon. This Hostel is the gift of the Mayor and Mayoress of Croydon, Mr Alderman Howard Houlder, D.L., J.P., and

Mrs. Houlder. The Hostel provides seventeen lying-in beds with cots. The professional staff consists of the Matron, Sister, two midwives, and three or four training midwife pupils.

The statistical record of the work of the Hostel is not given for this year as it was only working for the second six months, and the numbers were adversely affected by the unfortunate occurrence of an infective purulent nasal discharge in some of the infants, which secondarily caused a skin trouble. On two occasions this gave rise to a great deal of anxiety and trouble, but was eventually suppressed without any evil results to the children affected. A highly-skilled specialist was consulted and his opinion confirmed that already held, viz., that the condition was a post-influenzal one.

The Hostel is being conducted this year, 1919, with great success.

SICK NURSERY.

At the Borough Centre is maintained a small Infant Sick Nursery. Six cots are provided, and the children admitted are almost entirely cases of ailing infants suffering from dietetic or marasmic conditions. The cots have been kept well filled throughout the whole year, and the results practically regularly show beneficial changes in the welfare of the infants admitted.

This Sick Nursery was established some years ago experimentally and many efforts have been made to obtain larger and better premises, but so far without success. The circumstances under which this work is now carried on are now very disadvantageous, in that the room itself is far from being so light and airy as a sick children's ward should be. It is also very noisy and the practical difficulties in getting the children out into the open air in the garden are all but insuperable. It is urgently necessary to provide a well-equipped up-to-date set of premises for this section of the infant work.

METHOD OF FEEDING.

The following are the particulars as to feeding of infants during the first six months of life of children who survived, and of children who **died between one week and six months old**. Deaths of infants under one week have been excluded because it is unlikely that methods of feeding can have been responsible for a fatal issue in so short a time.

TABLE A.

	Infants dying from Diarrhoeal Diseases. — 0-6 months.	Infants dying from other than Diarrhoeal Diseases. — 0-6 months.	Infants surviving 6 months.	Total investigated.
Breast Fed only... ..	8	69	666	743
Breast and subsequently Cow's milk	2	7	48	57
Ditto Condensed Milk	4	5	22	31
Ditto Other foods ...	1	4	73	78
Breast & simultaneously Cow's Milk ... ..	...	3	31	34
Ditto Condensed Milk	...	4	27	31
Ditto Other foods ...	...	2	20	22
Entirely Hand Fed— Cow's Milk	3	7	29	39
Ditto Condensed Milk	8	10	34	52
Ditto Other foods ...	5	11	56	72
Number investigated ...	31	123	1006	1159

TABLE B.—The same information expressed in percentages.

	Of all infants investigated under 6 months. per cent.	Of infants dying from Diarrhoeal Diseases. 0-6 months. per cent.	Of infants dying from other than Diarrhoeal Diseases. per cent.
Breast Fed only	64.1	25.8	56.6
Breast and subsequently Cow's Milk ...	4.9	6.5	5.7
Ditto Condensed Milk ...	2.7	12.9	4.1
Ditto Other foods ...	6.7	3.2	3.3
Breast and simultaneously Cow's Milk	2.9	...	2.5
Ditto Condensed Milk ...	2.7	...	3.3
Ditto Other foods ...	1.9	...	1.6
Entirely Hand Fed—Cow's Milk ...	3.4	9.7	5.7
Ditto Condensed Milk ...	4.5	25.8	8.2
Ditto Other foods ...	6.2	16.1	9.0
	100	100	100

Table B shows that 25 per cent. of infant deaths from diarrhoeal diseases occurred amongst breast-fed children, and the remaining 75 per cent. amongst children who were either entirely hand fed or had artificial kinds of food as well as breast fed.

NOTIFICATION OF BIRTHS ACT 1907

This Act was adopted by the Council on January 13th, and came into force on February 19th, 1908, after confirmation by the Local Government Board. During the past year 1,894 notifications were received. These births were notified as follows :—

Notified by medical men	...	...	...	...	511
Notified by parents	...	...	...	...	333
Notified by certified midwives	...	...	...	...	1001
					<hr/>
					1,845
Stillborn births notified	...	...	...	...	49
					<hr/>
Total	...	...	...	...	<u>1,894</u>

MIDWIVES' ACT, 1902.

Seventeen midwives attended at the Municipal Infant Centre, 228, London Road, for inspection, etc., during 1918. One hundred and ten visits were paid by the Inspector of Midwives to the houses of 25 midwives. She does not visit the midwives at St. Mary's Hostel nor those resident outside the Borough. During the year 3 registered midwives left the district, 1 died, and 7 new names were added, leaving 30 on the register on December 31st, 1918.

GENERAL MATTERS.

INFLUENZA.

General.

The Borough was visited by influenza in epidemic form on two occasions during 1918. The first outbreak occurred in June and July and was of a mild character, the total number of deaths from this disease during these two months totalling 28, of which 19 occurred in the first two weeks in July. The second outbreak lasted for nearly the whole of the fourth quarter of the year and was of an exceptionally severe type. Exceedingly grave complications accompanied the illness in a large proportion of cases, the most fatal of these being **septic pneumonia**. The first of the tables immediately following shews the deaths from influenza, pneumonia and various other diseases during each week of the year, and it will be observed that the greatest mortality for the second outbreak of influenza occurred in the week ended November 2nd, when 110 deaths from this cause were recorded. The total deaths from influenza during the year was 478 practically all of which occurred during the two epidemic periods.

There is little of importance to note in the weekly death returns from the other diseases shewn in the table excepting that the deaths from phthisis were somewhat above the normal in the middle of the fourth quarter of the year. The incidence on the population was general, no special group or class was characteristically affected.

During both outbreaks great inconvenience and in many cases serious distress was caused by the complete incapacitation of all members of individual families. Endeavours were made to secure nursing services throughout the town but with very little success as no nurses were available—a condition which has persisted during the whole war period and which greatly hampered us in a previous outbreak of measles. A very large amount of visiting and help was rendered by the staff of health visitors all of whom are trained nurses and all of whom worked with untiring energy to assist those suffering from this scourge. I am glad to have this opportunity of commending the staff for their unselfishness and devotion in this work, more especially as the actual nursing and assistance which they gave are quite outside the scope of their professional public health duties.

Incubation period.

The general impression held by medical practitioners with whom I discussed the incubation period of the second outbreak was that the incubation lasted only a few days, certainly under a week. I had one case in which there had only been one contact with influenza and the person fell ill *exactly 48 hours after the exposure to infection.*

Mothers and Infants.

The second of the following tables shews the relative immunity of children under 12 months of age to this infection.

Kinemas.

On the recommendation of the Medical Officer of Health the Council passed the following resolution relating to the conduct of cinematograph theatres during the period of epidemic disease, viz :—

That in view of the serious spread of influenza in the Borough a request be forthwith issued to cinematograph theatre proprietors in the town asking them to observe during the continuance of the epidemic the following conditions, viz :—

- (a) Not to admit any children under 14 years of age.
- (b) To allow an interval of two and a half hours between the afternoon and evening exhibitions and during such interval to ensure a thorough through ventilation of the whole of the auditorium, entrances passage and corridors.

These were identical with the recommendations which the Medical Officer of Health made to the Public Health Committee, not only on this occasion but on a previous occasion when measles were epidemic. Unfortunately the licensing of the kinemas had just taken place before the outbreak so that we were not able to bring special pressure to bear upon the kinemas in this way. The letter, however, was sent to the kinemas in Croydon and also, I understand, to the Central Association representing Kinematograph Theatres throughout the country.

The following resolution of the Council was also forwarded to the Local Government Board :—

That the Local Government Board be asked to consider the desirability of providing by regulation under the D.O.R.A. or otherwise for the enforcement of conditions similar to those set out above (a and b).

Publicity arrangements

Posters and handbills were freely used throughout the Borough. These were posted up and distributed at all the principal factories and workshops, public institutions, libraries, baths, lavatories, principal business premises, etc. A bundle of handbills was also sent to the Ministers of Churches of all denominations in the town with a letter requesting them to place the leaflets in the church porch for the congregation to take. A copy of the leaflet was also inserted with every letter that went from the Public Health Department during the period of the epidemic. Pamphlets were not sent out to the schools as these were closed.

Advantage was also taken of the local press. Interviews having been asked for, the Medical Officer of Health took the opportunity of giving general advice to the public in this manner.

Disinfection.

This was not carried out in any routine way as, in my opinion, it is of no advantage in ordinary influenza. Disinfection, however, was performed in premises where death or serious complications (more particularly of pneumonic type) had occurred.

Schools.

In both outbreaks practically the whole of the schools of the Borough were closed. As the disease was not notifiable it is not possible to say what was the effect of closure, but at least, the contact of children of different families with each other was lessened by this procedure.

CASES OF DEATHS FROM INFLUENZA AND CERTAIN OTHER CONDITIONS, 1918.

Week ending	Influenza.		Pneumonia.		Broncho-Pneumonia.		Phthisis.		Other Resp. Diseases.		Cerebro-Sp. F.		Measles.		Whooping Cough.						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
Jan. 5th	...	—	—	...	2	4	...	—	2	...	5	1	...	—	6	...	—	—	...	1	—
„ 12th	...	—	—	...	4	1	...	3	1	...	3	5	...	5	5	...	—	—	...	—	1
„ 19th	...	—	—	...	3	—	...	1	2	...	2	1	...	5	4	...	—	—	...	—	—
„ 26th	...	2	—	...	3	—	...	1	2	...	4	1	...	—	2	...	—	—	...	—	1
Feb. 2nd	...	1	1	...	1	—	...	1	1	...	2	3	...	—	2	...	—	—	...	—	—
„ 9th	...	—	—	...	4	1	...	—	—	...	5	2	...	—	5	...	—	—	...	—	—
„ 16th	...	—	—	...	1	1	...	—	1	...	5	1	...	1	1	...	—	—	...	1	—
„ 23rd	...	—	—	...	—	1	...	4	2	...	—	5	...	4	1	...	—	—	...	—	1
Mar. 2nd	...	—	—	...	2	1	...	1	1	...	3	2	...	1	4	...	—	—	...	—	—
„ 9th	...	—	—	...	1	—	...	2	1	...	1	—	...	3	4	...	—	—	...	—	—
„ 16th	...	—	—	...	1	—	...	1	2	...	4	2	...	4	2	...	—	—	...	—	—
„ 23rd	...	—	—	...	2	—	...	1	3	...	3	2	...	1	3	...	—	—	...	—	—
„ 30th	...	—	1	...	1	3	...	—	2	...	1	3	...	2	4	...	—	—	...	1	—
April 6th	...	—	—	...	1	3	...	1	3	...	2	3	...	2	2	...	—	—	...	—	—
„ 13th	...	1	1	...	1	—	...	1	1	...	2	3	...	2	1	...	—	—	...	—	—
„ 20th	...	—	—	...	1	1	...	2	—	...	2	2	...	1	—	...	—	—	...	—	2
„ 27th	...	—	—	...	2	—	...	—	2	...	1	2	...	1	6	...	—	—	...	—	—
May 4th	...	—	—	...	1	1	...	—	—	...	4	1	...	2	3	...	—	—	...	—	—
„ 11th	...	—	—	...	1	1	...	1	1	...	1	2	...	1	2	...	—	—	...	—	—
„ 18th	...	—	—	...	—	—	...	1	1	...	—	3	...	—	2	...	—	—	...	—	—
„ 25th	...	—	—	...	1	—	...	—	—	...	2	1	...	—	2	...	—	—	...	—	1
June 1st	...	—	—	...	—	—	...	1	—	...	3	2	...	1	1	...	—	—	...	—	—
„ 8th	...	1	—	...	—	1	...	—	1	...	3	4	...	1	1	...	—	—	...	—	—
„ 15th	...	—	—	...	1	1	...	—	1	...	3	2	...	3	2	...	—	—	...	—	—
„ 22nd	...	—	—	...	1	1	...	—	—	...	—	3	...	—	1	...	—	—	...	—	—
„ 29th	...	2	1	...	1	—	...	—	—	...	1	1	...	—	1	...	—	—	...	—	—

July	6th	...	7	2	...	1	4	...	3	—	...	2	1	...	3	1	...	—	—	...	—	1	...	1	—
„	13th	...	6	4	...	—	1	...	—	—	...	2	5	...	1	1	...	—	—	...	—	—	...	—	—
„	20th	...	1	1	...	—	1	...	1	—	...	—	1	...	—	2	...	—	—	...	—	—	...	—	—
„	27th	...	3	—	...	—	—	...	2	4	...	—	3	...	1	—	...	—	—	...	—	—	...	—	—
Aug.	3rd	...	1	1	...	—	1	...	—	1	...	1	1	...	—	—	...	—	—	...	—	—	...	—	—
„	10th	...	—	—	...	1	—	...	1	—	...	—	1	...	3	—	...	—	—	...	1	—	...	—	—
„	17th	...	—	—	...	1	—	...	—	—	...	4	2	...	1	1	...	—	—	...	—	—	...	—	—
„	24th	...	—	—	...	1	—	...	—	—	...	—	3	...	3	2	...	—	—	...	—	—	...	—	—
„	31st	...	—	1	...	—	—	...	—	—	...	1	—	...	—	—	...	—	—	...	—	—	...	—	—
Sept.	7th	...	—	—	...	1	1	...	1	—	...	2	3	...	1	2	...	—	—	...	—	—	...	—	—
„	14th	...	—	—	...	2	—	...	1	—	...	1	2	...	—	—	...	—	—	...	—	—	...	—	—
„	21st	...	—	—	...	1	—	...	—	—	...	1	2	...	1	—	...	—	—	...	—	—	...	—	—
„	28th	...	—	—	...	—	—	...	—	—	...	1	1	...	—	—	...	—	—	...	—	—	...	—	—
Oct.	5th	...	1	—	...	—	2	...	—	—	...	—	4	...	—	1	...	—	—	...	—	—	...	—	—
„	12th	...	3	2	...	—	1	...	—	1	...	2	3	...	2	2	...	—	—	...	—	—	...	—	—
„	19th	...	11	9	...	1	2	...	—	—	...	4	4	...	1	4	...	—	—	...	—	—	...	—	—
„	26th	...	13	33	...	2	1	...	2	—	...	3	5	...	—	3	...	—	—	...	—	—	...	—	—
Nov.	2nd	...	42	68	...	2	5	...	5	—	...	5	5	...	3	7	...	—	—	...	—	—	...	—	—
„	9th	...	45	50	...	2	5	...	3	4	...	4	7	...	2	6	...	—	—	...	—	—	...	—	—
„	16th	...	28	27	...	1	1	...	2	1	...	5	1	...	2	4	...	—	—	...	—	—	...	—	—
„	23rd	...	16	22	...	2	1	...	3	1	...	2	6	...	4	—	...	—	—	...	—	—	...	—	—
„	30th	...	16	15	...	1	3	...	1	—	...	4	—	...	2	3	...	—	—	...	—	—	...	—	—
Dec.	7th	...	11	8	...	1	—	...	2	—	...	6	1	...	5	2	...	—	—	...	—	—	...	—	—
„	14th	...	7	6	...	1	1	...	1	—	...	—	1	...	1	—	...	—	—	...	—	—	...	—	—
„	21st	...	1	3	...	1	1	...	—	—	...	1	1	...	1	3	...	—	—	...	—	—	...	—	—
„	28th	...	1	2	...	—	—	...	—	2	...	—	3	...	3	2	...	—	—	...	—	—	...	—	—
		...	220	258	...	58	52	...	50	44	...	113	123	...	80	113	...	—	1	...	1	1	...	4	6

INCIDENCE OF INFLUENZA ON PARENTS AND CHILDREN.

No. of Persons in house- hold.	PARENTS.						CHILDREN.									Remarks			
	F.			M.			0—1.			1—5.			5—15.				15 upwards		
	Attacked.	Date.	Not Attacked	Attacked.	Date.	Not Attacked	Attacked.	Date.	Not Attacked	Attacked.	Date.	Not Attacked	Attacked.	Date.	Not Attacked		Attacked.	Date.	Not Attacked
7	1	Feb.	1	3	2	Sick Nursery
10	...	...	1	1	Oct.	...	...	...	1	...	...	...	4	Oct.	...	...	3
7	...	...	1	1	Nov.	...	...	...	...	1	Nov.	...	3	Nov.	1	...	...
7	...	...	...	1	Oct.	...	...	...	1	1	Oct.	...	3	Oct.	...	1	Oct.
4	...	...	1	1	Mar.	...	1	Mar.	...	1	Mar.	...	...	...	...	...	...
4	1	Nov.	...	1	Nov.	...	...	...	1	1	Nov.	...	...	...	...	...	...
9	1	Dec.	...	1	Dec.	...	...	...	1	...	...	...	4	Dec.	...	...	2
10	1	{ July Sept.	...	1	{ July Sept.	...	...	...	1	1	July	...	6	{ 2 July 6 Sep.	...	...	...
11	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	1	Oct.
5	1	Sept.	...	1	{ July Sept.	...	...	...	1	1	Sept.	...	1	Sept.	...	...	...
6	1	Oct.	...	...	...	1	...	...	...	...	...	1	1	Oct.	2	...	...
2	...	...	...	1	Nov.	...	...	...	1	...	...	...	...	...	...	...	...
5	...	...	...	1	Oct.	...	1	Oct.	...	...	...	1	2	Oct.	...	...	...
8	...	...	...	1	Oct.	...	...	...	1	1	Oct.	...	5	Oct.	...	...	...
5	...	...	...	1	Nov.	...	...	...	1	...	...	...	...	...	3	Nov.	...
100	5	...	3	13	...	1	2	...	16	7	...	2	20	...	6	5	...	11	

Breast Fed Infants attacked 2
Breast Fed Infants not attacked..... 10

Artificially Fed Infants attacked Nil.
Artificially Fed Infants not attacked 6

TABLE H. V.

HEALTH VISITORS. —The following is a summary of the work done and visits paid by the Health Visitors.

Visits to Houses where the following Diseases have been reported.	Mrs. Ryland.		Mrs. Wilkinson & Miss Byrn.		Miss Chalk. (2)		Miss C. Gordon and Miss Davis (1) (2).		Miss Massie. (1) & (3).		Miss Huggins.	
	School Cases.		Other Cases.		School Cases.		Other Cases.		School Cases.		Other Cases.	
	1st Visits.	Subsequent Visits.	1st Visits.	Subsequent Visits.	1st Visits.	Subsequent Visits.	1st Visits.	Subsequent Visits.	1st Visits.	Subsequent Visits.	1st Visits.	Subsequent Visits.
Scarlet Fever ...	...	...	...	6	2	...	16	13	...	8	1	...
Diphtheria ...	...	...	...	31	30	...	1	4	...	14	3	...
Erysipelas ...	...	...	1	14	1	...	6	1	...	3	...	...
Measles ...	1	...	...	302	11	...	76	5	...	110	9	...
German Measles ...	2	...	...	15	1	...	4	...	...	5	...	...
Mumps ...	27	...	...	423	17	...	265	51	...	362	13	...
Whooping Cough ...	...	...	...	240	15	...	74	48	...	192	1	...
Chicken pox ...	8	1	...	67	7	...	138	10	...	95	...	...
Sore Throat ...	4	...	...	91	31	...	37	6	...	48	2	...
Ringworm (scalp) ...	13	17	...	33	61	...	26	51	...	33	73	...
.. (body) ...	4	...	...	26	36	...	32	32	...	19	8	...
Vermineous Heads ...	...	...	...	1	...	...	...	...	...	3	...	...
Vermineous Bodies ...	1	2	...	3	3	...	3	6	...	2	...	...
Impetigo Contagiosa ...	50	22	...	174	148	...	195	137	...	262	183	...
Scabies ...	24	19	...	91	168	...	67	102	...	50	58	...
Infectious Eye Disease ...	8	3	...	30	19	...	46	28	...	21	20	...
Other diseases ...	68	101	...	278	92	...	293	120	...	162	2	...
TOTALS ...	210	165	1	1865	762	...	1289	614	...	1389	373	...
Visits to houses where Infants have been born...	38	10	374	258	205	236	414	...	184	133	100	201
Visits to houses where Infants have died under one year of age ...	...	...	7	2	3	1	14	...	41	17	2	...
Tuberculosis cases visited	120	41	49	617	...	409	96	...	55	281	...	382
Addresses given re Infant feeding, etc. ...	...	...	...	...	...	...	...	...	23	...	...	...
Visits paid to Elementary Schools for Medical Inspections ...	7	...	47	...	21	...	26	...	27	...	29	...
Number of Children prepared for Medical Inspection — Newly Inspected	161	...	1096	...	479	...	461	...	423	...	334	...
Re-inspected ...	5	...	159	...	19	...	193	...	119	...	93	...
Specially Inspected ...	...	...	33	...	44	...	26	...	18	...	39	...
Other Visits to Elementary Schools ...	2	...	8	...	35	...	23	...	6	...	8	2
Home Visits arising out of Medical Inspection ...	...	...	176	118	83	25	62	88	69	133	108	183
Home Visits for other information ...	1	...	17	4	139	3	86	22	14	4	37	18
Cultures taken ...	1	...	195	37	37	...	41	...	51	...	65	...
Special Inspections or Attendances at Clinics ...	3	...	16	...	84	...	82	...	86	...	103	...
Influenza ...	...	...	46	15	20	4	45	...	91	16	6	6

Notes.—(1) One attendance at Clinic weekly.

(2) Two ..

(4) Twenty-three addresses on Infant Feeding at Domestic Centre.

TUBERCULOSIS IN MILK.

No samples of milk were taken on account of the impossibility of getting examinations made.

DISINFECTION.

During the year 1,572 rooms, 24 hospital wards and contents thereof, 31 school class rooms, 1 vehicle, 1 hut and 1 chapel, and 16889 articles were disinfected.

The articles disinfected were as follows, viz. :- 512 beds, 2,519 blankets, 33 blouses, 1,234 bolsters, 528 books (including 378 Library books), 8 boots, 10 capes, 219 caps, 15 carpets, 265 coats, 9 corsets, 65 curtains, 353 cushions, 4 cloaks, 9 costumes, 695 counterpanes, 17 dresses, 109 dressing gowns, 203 handkerchiefs, 10 hearth rugs, 777 mattresses, 117 neckerchiefs, 24 palliasses, 62 petticoats, 1,848 pillows, 83 rugs, 111 shawls, 853 sheets, 724 shirts, 24 skirts, 1,495 stockings (socks), 376 towels, 528 trousers, 149 vests, 74 waistcoats, 830 jackets, 11 mats, 191 underclothing, and 1,799 other articles. Total 16,889.

Cleansing of Persons at Disinfecting Station during the Year 1918.

Adults other than Soldiers.	School Children.	Children not of School Age but living in same houses as School Chil- dren.	Soldiers.
—	3	—	26

MENTAL DEFICIENCY.

CASES DEALT WITH.

<i>Date of Order.</i>	<i>Defective</i>	<i>Sex.</i>	<i>Age at time of Order</i>	<i>Nature of Order (whether for Institutional treatment or for Guardianship) and remarks.</i>
1st February 1918	... T. G.	M.	35	Institutional (Royal Earls- wood, Institution).
21st February 1918	... E. B.	F.	31	Institutional (Croydon Mental Hospital).

14th April 1918	...	R. S.	M.	13	Institutional (Fountain Asylum, Tooting). Order made for contribution of 3s. 6d. per week by father towards maintenance.
24th April 1918	...	G. B.	M.	15	Institutional (Darenth Industrial Colony).
24th April 1918	...	C. S.	M.	15	Institutional (Fountain Asylum, Tooting) Order made for contribution of 3s. 6d. per week by father towards maintenance.
10th May 1918	...	G. H.	M	18	Institutional (Leavesden Asylum). Order made for contribution of 4s. 0d. per week by father towards maintenance.
14th October 1918	...	G. J.	M	18	Institutional (Queen's Road Croydon). Criminal Case. Orders under 2. (1) (b) (ii) Mental Deficiency Act.

NUMBER OF DEFECTIVES IN THE BOROUGH.

The following is the number of mental defectives known by medical examination in the Borough :—

	1918.		
	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Education Committee cases	65	47	112
Statutory Committee Cases (including 27 non educable cases under the age of 16 years)	59	39	98

The 98 Statutory Committee cases are disposed of as follows :—

	<i>Male.</i>	<i>Female.</i>	
In certified Institutions	20	9	29
Under Guardianship	2	3	5
In Croydon Mental Hospital	2	4	6
In Poor Law Institutions	5	4	9
In their own homes	27	22	49
			<u>98</u>

These are all cases which have been specially medically examined. There is a considerable list of cases of alleged mental deficiency notified from various sources not yet specifically examined and classified.

VENEREAL DISEASE.

A joint scheme in which Croydon takes a part, and which consists of maintenance of clinics at practically all the big London Hospitals, has continued to run successfully. The Medical Officers of the joint authorities have met at frequent intervals during the year in London and discussed points which have arisen in connection with this scheme. No special features call for mention.

The main Table sub-joined refers to this scheme. The smaller Table gives details of the work carried out at the Croydon General Hospital Venereal Diseases Clinic during 1918. At this centre only women and children have been treated, but it is hoped that before another twelve months have elapsed this Clinic will include in its activity male cases of this disease.

During the year a considerable amount of propaganda work has been carried out in Croydon.

VENEREAL DISEASES.

Annual Summary Year 1918.

	London.	Middlesex.	Essex.	Surrey.	Kent.	Herts.	Bucks.	West Ham.	East Ham.	Croydon.	All Districts.
1. No. of persons dealt with at or in connection with the clinic for the first time and found to be suffering from—											
Syphilis	5,167	516	282	213	248	61	26	140	60	53	6,766
Soft chancre	96	5	6	5	9	1	1	4	1	1	129
Gonorrhœa	5,222	608	234	185	272	32	33	84	83	31	6,784
Not suffering from V.D. ...	2,053	242	111	77	96	19	13	43	21	18	2,693
Total ...	12,538	1,371	633	480	625	113	73	271	165	103	16,372
2. No. of persons discharged from the clinic after completion of treatment for—											
Syphilis	426	23	10	13	14	6	1	3	2	1	499
Soft chancre	31	...	1	2	1	...	...	1	...	...	36
Gonorrhœa	759	70	24	21	31	6	5	6	5	5	932
Total ...	1,216	93	35	36	46	12	6	10	7	6	1,467
3. Total attendances of all persons who were suffering from—											
Syphilis	70,608	7,305	2,953	2,598	2,931	697	443	1,234	748	570	90,087
Soft chancre	533	12	26	60	52	...	5	17	1	15	721
Gonorrhœa	56,408	6,990	2,451	1,814	2,498	401	300	1,233	704	245	73,044
Not suffering from V.D. ...	4,320	501	246	140	179	32	27	121	42	25	5,633
Total ...	131,869	14,808	5,676	4,612	5,660	1,130	775	2,605	1,495	855	169,485
4. No. of "in-patient" days of treatment given to persons suffering from—											
Syphilis	31,129	2,131	1,481	1,639	2,025	1,329	633	467	207	374	41,415
Gonorrhœa	18,461	761	674	1,326	2,715	503	48	137	42	13	24,680
Total ...	49,590	2,992	2,155	2,965	4,740	1,832	681	604	249	387	66,095
5. No. of persons treated with Salvarsan substitutes ...	5,042	479	312	163	289	63	31	142	62	66	6,649
6. No. of doses of Salvarsan substitutes given	23,627	2,582	1,168	1,080	1,112	299	152	524	248	262	31,054

PATHOLOGICAL EXAMINATIONS.

Nature of Test.	London.	Middlesex.	Essex.	Surrey.	Kent.	Herts.	Bucks.	West Ham.	East Ham.	Croydon.	All Districts.
Treatment Centre.											
For detection of spirochetes ...	465	58	14	30	31	2	...	2	1	2	605
For detection of gonococci ...	7,145	742	444	264	364	117	48	192	143	37	9,496
For Wassermann re-action ...	12,610	989	557	451	471	124	77	208	111	96	15,694
Other examinations ...	152	12	5	2	1	1	...	4	...	1	178
Total ...	20,372	1,801	1,020	747	867	244	125	406	255	136	25,973
For Practitioners.											
For detection of spirochetes ...	54	14	...	5	...	...	..	...	...	...	73
For detection of gonococci ...	357	93	30	42	1	8	2	14	7	2	556
For Wassermann re-action ...	4,641	345	248	98	14	37	11	190	39	43	5,666
Other examinations ...	70	15	...	...	..	...	...	...	...	...	85
Total ...	5,122	467	278	145	15	45	13	204	46	45	6,380

VENEREAL DISEASES.

RETURN relating to persons residing in the County Borough of Croydon who were treated at the Croydon General Hospital—1918.

	1st Qtr.		2nd Qtr.		3rd Qtr.		4th Qtr.		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Number of persons dealt with at or in connection with the out-patient Clinic for the first time and found to be—										
Suffering from syphilis ...	—	8	—	11	—	9	—	27	—	55
„ soft chancre ...	—	—	—	—	—	—	—	—	—	—
„ gonorrhœa ...	—	4	—	7	—	1	—	7	—	19
Not suffering from venereal diseases ...	—	—	—	—	—	1	—	12	—	13
	—	12	—	18	—	11	—	46	—	87

Number of persons discharged from the out-patient Clinic after completion of treatment for—

Syphilis ...	—	—	—	—	—	—	—	5	—	5
Soft chancre ...	—	—	—	—	—	—	—	—	—	—
Gonorrhœa ...	—	—	—	1	—	—	—	1	—	2
	—	—	—	1	—	—	—	6	—	7

Number of persons who ceased to attend the out-patient Clinic without completing treatment and who were suffering from—

Syphilis ...	—	3	—	4	—	—	—	1	—	8
Soft chancre ...	—	—	—	—	—	—	—	—	—	—
Gonorrhœa ...	—	2	—	1	—	1	—	1	—	5
	—	5	—	5	—	1	—	2	—	13

Total attendances of all persons at the out-patient Clinic who were—

Suffering from syphilis ...	...	...	...	...	— 18	...	— 35	...	— 50	...	— 196	...	— 299
„ soft chancre ...	...	...	...	...	—	...	—	...	—	...	—	...	—
„ gonorrhœa ...	...	...	...	...	— 20	...	— 23	...	— 9	...	— 23	...	— 75
Not found to be suffering from venereal disease ...	...	...	...	...	—	...	—	...	— 1	...	— 26	...	— 27
					— 38	...	— 58	...	— 60	...	— 245	...	— 401

Aggregate number of " In-patient days " of treatment given to persons suffering from—

Syphilis ...	...	...	...	...	...	— 71	...	—	...	— 63	...	— 169	...	— 303
Gonorrhœa ...	...	...	...	...	...	— 58	...	— 59	...	— 17	...	— 143	...	— 277
						— 129	...	— 59	...	— 80	...	— 312	...	— 580

Number of persons treated with Salvarsan substitutes	...	—	—	...	—	—	...	—	—	...	—	13	...	—	13	
Number of doses of Salvarsan substitutes given	—	—	...	—	—	...	—	13	...	—	43	...	—	56

Examinations of Pathological material—

(a) Specimens from persons attending at the Treatment Centre which were examined at this Centre—

For detection of spirochetes ...	...	...	...	...	—	—	...	—	—	...	—	—	...	—
„ „ gonococci ...	...	...	...	...	—	—	...	—	—	...	—	—	...	—
„ Wassermann reaction ...	...	...	...	...	—	—	...	—	—	...	—	—	...	—
Others ...	...	...	...	...	—	—	...	—	—	...	—	—	...	—

(b) Specimens from persons attending at the Treatment centre which were sent for examination to an independent laboratory—

For detection of spirochetes	...	...	...	—	—	...	—	—	...	—	—	...	—	—	...	—	—
„ „ gonococci	...	...	...	—	—	...	—	2	...	—	2	...	—	9	...	—	13
„ Wassermann reaction	...	...	...	—	7	...	—	4	...	—	9	...	—	31	...	—	51
Others	...	...	...	—	—	...	—	—	...	—	—	...	—	7	...	—	7
				—	7	...	—	6	...	—	11	...	—	47	...	—	71

TABLE I.
For whole District, for Calendar Year 1918.

Year.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REG. IN THE DISTRICT.		TRANSFER-ABLE DEATHS		NETT DEATHS BELONGING TO THE DISTRICT.			
		Uncorrected Number.	Nett.		Number.	Rate.*	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.*					Number.	Rate per 1,000 Nett Births.	Number.	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1906.	151,011	3886		25.7	2085	13.8	160	94	485	125	2019	13.4
1907.	154,342	3967		25.7	1953	12.5	149	97	371	94	1901	12.3
1908.	157,698	4017		25.5	2053	13.0	137	105	398	99	2021	12.8
1909.	161,078	3938		24.4	1974	12.3	165	70	313	79	1879	11.7
1910.	166,884	3810		22.8	1817	10.9	145	111	331	87	1783	10.7
1911.	170,451	3760	3748	22.0	2069	12.1	177	130	395	105	2022	11.9
1912.	174,257	3861	3859	22.1	1934	11.1	200	159	297	77	1893	10.8
1913.	178,094	3890	3895	21.8	2110	11.8	204	190	368	94	2096	11.7
1914.	181,956	4027	4007	22.0	2041	11.2	234	177	319	79	1984	10.9
1915.	177,345	3699	3704	20.8	2463	13.8	269	221	307	83	2415	13.6
1916.	175,765	3589	3636	20.6	2207	12.5	253	197	281	77	2151	12.2
1917.†	186,917	2836	2861	15.3	2207	11.8	262	219	249	87	2164	11.09
1918.‡	188,755	2632	2626	13.9	2687	15.9	388	245	202	76	2544	15.1

* Rates calculated per 1,000 of estimated population.

CENSUS, 1911.

Total population at all ages, 169,551.

Number of inhabited houses, 34,363.

Average number of persons per house, 4.9.

Area of District in acres (exclusive of area covered by water), 9,012.

†Registrar General's estimate of civilian population.

‡Registrar General's estimate of civilian population for death rate, 168462.

TABLE II.
Cases of Infectious Disease notified during the Year 1918.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.											TOTAL CASES NOTIFIED IN EACH LOCALITY.									TOTAL CASES REMOVED TO HOSPITALS OR SANATORIA.
	At all Ages.	At Ages—Years.							Unrecorded ages.	West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.	Institution cases which could not be distributed.			
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 & upw.d.													
Small-pox	
Cholera (C) Plague (P)	
Measles	1057	18	427	501	42	15	2	..	52	161	75	54	211	100	321	74	52	9	17		
German Measles	93	1	14	48	17	12	..	..	1	8	6	4	18	18	22	15	1	1	2
Diphtheria (including Membranous Croup)	179	2	55	97	11	11	..	..	3	30	14	8	20	30	48	19	5	5	179
Erysipelas	44	..	1	3	6	13	12	8	1	7	4	3	5	2	10	2	9	2	10		
Scarlet Fever	414	1	70	267	52	22	1	..	1	98	49	39	59	16	93	33	22	5	386		
Typhus Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	17	..	..	3	4	6	2	2	..	..	..	8	3	1	3	..	1	..	14
Relapsing Fever (R) Continued Fever (C) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	4	..	..	..	1	2	1	..	..	1	..	1	2	..	..	..	..	..	1
Cerebro-spinal Meningitis	25	..	..	3	19	2	..	..	1	..	..	..	..	..	6	..	..	19	23
Poliomyelitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis	378	1	5	39	86	182	57	8	..	83	63	10	32	33	77	16	27	37	37		
Ophthalmia Neonatorum	23	22	..	..	..	..	..	..	1	8	1	..	..	2	9	..	3	..	6
Other forms of Tuberculosis	71	3	13	27	13	14	1	1	..	16	10	5	1	6	14	6	3	10	29		
TOTALS	2305	48	585	988	251	279	76	18	60	412	222	132	351	208	603	166	123	88	704		

The Borough (Fever) Isolation Hospital is situated in the West Ward.
The Croydon and Districts Smallpox Hospital is at North Cheam.

TABLE III

Causes of, and ages at, Death during Year ending December 31st, 1918, excluding Deaths of Strangers at the Workhouse, Workhouse Infirmary, Borough Hospital, General Hospital, Purley Cottage Hospital, Norwood Cottage Hospital, 99, Central Hill (Servants' Reformatory), and adding Deaths of Croydon Residents known to have occurred outside the District.

No.	CAUSE	LOCALITIES.								Institution & Street Deaths which could not be distributed.	Total Institution Deaths distributed and not distributed.	Inquest Cases.	Total all Ages.	Males all Ages.	Females all Ages.	0-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwards.
		West.	North.	Centra.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.														
I.—General Diseases.																							
1	Enteric Fever ...	1	...	...	...	...	...	1	...	...	...	2	1	1	...	...	...	...	1	...	1	...
2	Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	(A. B.) Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Mediterranean Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Vaccinated ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Not vaccinated	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Doubtful ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Measles ...	...	2	...	...	...	...	...	...	...	2	...	2	1	1	...	2	...	...	...	...	...
7	Scarlet Fever ...	6	...	...	...	...	...	...	...	...	6 (2)	...	6	2	4	...	...	1	4	1	...	...
8	Whooping Cough ...	3	1	2	...	...	2	...	2	...	(1)	...	10	5	5	7	2	1	...	...	...	...
9	(A) Diphtheria ...	21	...	...	...	1	...	...	...	...	22	1	22	12	10	1	3	6	12	...	...	...
	(B C.) Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Membranous laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Influenza...	102	102	34	72	38	71	20	39	...	59(83)	4	478	221	257	7	16	35	43	101	182	53	41
11	Miliary Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	Asiatic Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Cholera Nostras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Dysentery ...	...	...	...	...	...	...	...	...	...	(1)	...	...	...	...	...	...	...	...	...	...	...
15	Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	Yellow Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Leprosy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Erysipelas ...	...	1	1	...	...	...	...	1	...	1	...	3	...	3	...	...	...	...	1	1	1

[illegible]

TABLE III—continued.

No.	CAUSE.	LOCALITIES.									Inquest Cases.	Total all Ages.	Males all Ages.	Females all Ages.	0-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwards.
		West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.	Institution & Street Deaths which could not be distributed.												
37	Syphilis ...	1	1	1	...	...	...	...	...	3	...	3	...	3	3	...	...	...	...	...	...	...
38	(A.B.C.) Other Venereal Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Soft Chancre ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Gonococcus Infection ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Purulent Ophthalmia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	Cancer of the Buccal Cavity ...	...	2	...	2	...	2	1	1	5 (1)	...	8	5	3	...	...	...	...	...	4	4	...
40	Cancer of the Stomach, Liver, &c. ...	12	23	13	13	8	12	2	3	34 (5)	...	86	33	53	...	...	...	...	10	27	39	...
41	Cancer of the Peritoneum, Intestines & Rectum ...	17	7	4	5	4	7	3	1	12 (3)	1	48	19	29	...	...	...	1	4	19	24	...
42	Cancer of the Female Genital Organs ...	5	8	1	2	2	1	2	...	6 (1)	...	21	...	21	...	...	...	...	4	13	4	...
43	Cancer of the Breast ...	1	8	5	4	2	2	2	2	8 (5)	...	26	...	26	...	...	...	...	6	9	11	...
44	Cancer of the Skin ...	...	1	...	...	...	1	...	...	1	...	2	2	...	...	...	...	...	...	...	2	...
45	Cancer of other or unspecified Organs ...	9	10	4	4	2	4	1	3	8 (6)	...	37	23	14	...	...	...	...	6	9	22	...
46	(A.B.C.) Other Tumours (situation undefined)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Angioma ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Adenoma ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Other Tumours included under 46	...	...	...	...	...	1	...	...	1	...	1	1	...	...	...	...	...	...	1	...	...
47	Rheumatic Fever ...	2	...	...	1	...	...	...	...	(1)	...	3	2	1	...	...	...	...	2	1	...	...
48	(A.B.) Chronic Rheumatism, Osteo-arthritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Chronic Rheumatism ...	1	1	...	...	...	...	...	...	...	...	2	1	1	...	...	...	...	...	...	2	...
	(B) Osteo-arthritis ...	...	5	...	...	...	2	1	...	4 (3)	...	8	1	7	...	...	...	...	...	1	7	...
	(C) Gout ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
49	Scurvy ...	1	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...
50	Diabetes ...	4	10	1	2	4	1	1	1	7 (8)	1	24	14	10	...	...	...	2	8	7	7	...
51	Exophthalmic Goitre ...	...	2	1	...	...	...	...	...	...	...	3	2	1	...	...	...	...	1	1	1	...
52	Addison's Disease ...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...
53	(A.B.) Leucocythæmia, Lymphadenoma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Leucocythæmia (Leucæmia) ...	...	1	...	1	...	...	...	...	1	...	2	1	1	...	...	1	...	...	1	...	...
	(B) Lymphadenoma ...	...	...	...	...	...	...	...	...	(1)	...	...	...	...	...	...	...	...	...	...	...	...

54	Anæmia, Chlorosis	...	1	1	1	2	...	2	...	5	1	4	1	2	1
55	(A. B. C. D.) Other General Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Diabetes Insipidus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Purpura	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	1	...	...
	(C) Hæmophilia	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...
	(D) Other Diseases included under 55	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...
56	Alcoholism (acute or chronic)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
57	(A. B.) Chronic lead poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Occupational lead poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Non-occupational lead poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58	Other chronic occupational poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
59	Other chronic poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
II.—Diseases of the Nervous System and of the Organs of Special Sense.																					
60	Encephalitis	...	1	...	...	...	1	...	...	...	1 (2)	...	2	...	2	...	...	...	1	...
61	(A.) Cerebro-spinal fever	...	1	...	...	...	...	...	...	...	(7)	...	1	1	...	...	...	...	1	...
61	(B. C.) Meningitis, other forms or undefined	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Posterior basal meningitis	...	...	...	...	...	...	...	...	...	(1)	...	...	...	...	...	...	...	...	...
	(C) Meningitis, other forms	...	2	3	...	2	1	2	...	1	2 (1)	1	11	4	7	2	3	1	4	...	
62	Locomotor Ataxy	...	...	2	...	1	...	...	2	...	2	...	4	4	...	...	...	...	2	1
63	(A. B.) Other diseases of the spinal cord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Diseases formerly classed to "Other nervous affections"	...	4	2	1	1	2	1	2	...	1	...	13	8	5	...	...	...	1	3
	(B) Other diseases included under 63	...	1	3	...	1	...	1	2	...	3 (1)	...	8	4	4	...	...	1	3	9
64	(A. B. C. D. E.) Cerebral hæmorrhage, Apoplexy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Apoplexy	...	1	5	...	...	2	1	...	...	1	4 (1)	...	10	5	5	...	...	1	4
	(B) Serous apoplexy and cedema of brain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Cerebral congestion	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(D) Cerebral atheroma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(E) Cerebral hæmorrhage	...	22	45	11	6	10	15	3	7	33 ()	16	119	49	70	2	...	1	...	2	
65	Softening of brain	...	...	1	...	1	...	...	...	1	1	...	2	...	4	1	3	...	...	3
66	(A. B. C.) Paralysis without specified cause	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Hemiplegia	...	1	1	...	3	4	1	...	...	1	...	10	5	5	...	...	...	...	2
	(B) Paraplegia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	(C) Other forms of paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE III—continued.

No.	CAUSE.	LOCALITIES.									Institution & Street Deaths which could not be distributed.	Total Institution Deaths distributed and not distributed.	Inquest Cases	Total all Ages.	Males all Ages.	Females all Ages.	0-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwards.
		West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.															
67	General paralysis of the insane ...	4	5	2	2	2	2	1	...	15	...	18	14	4	...	...	...	...	...	...	6	9	3
68	Other forms of mental alienation ...	...	1	...	...	...	...	1	...	2	...	2	1	1	...	...	...	...	...	...	1	...	1
69	Epilepsy ...	2	5	...	...	2	1	...	...	1	8 (4)	1	11	5	6	...	...	1	...	2	4	2	2
70	(A. B.) Convulsions (non-puerperal; 5 yrs. & over)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Epileptiform convulsions ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Others included under 70 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
71	(A. B.) Infantile convulsions (under 5 years)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Convulsions with teething ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Other infantile convulsions ...	5	5	3	1	1	3	...	1	...	2	11	19	8	11	15	...	3	...	1	...	...	...
72	Chorea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
73	(A. B.) Hysteria, Neuralgia, Neuritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Hysteria, Neuralgia, Sciatica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Neuritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74	(A. B. C. D.) Other diseases of the nervous system	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Idiocy, Imbecility ...	1	1	...	...	...	...	...	...	...	2	...	2	...	2	...	...	...	...	...	2	...	...
	(B) Cretinism ...	1	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	1	...	...
	(C) Cerebral tumour ...	...	3	...	1	...	1	1	...	...	6	...	6	3	3	...	1	...	...	...	3	2	...
	(D) Other diseases included under 74 ...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...
75	Diseases of the eyes and annexa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
76	(A) Mastoid disease ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
76	(B) Other diseases of the ears ...	...	1	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	1	...	...	...	...
III.—Diseases of the Circulatory System.																								
77	Pericarditis ...	...	...	...	...	...	...	1	...	...	1	1	1	1	...	...	...	...	...	1	...	...	...
78	(A. B. C.) Acute endocarditis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Acute myocarditis ...	...	...	1	1	...	...	...	...	...	1	...	2	1	1	...	...	...	...	...	1	1	...
	(B) Infective endocarditis ...	...	2	...	...	...	1	...	...	...	1	...	3	3	...	...	...	...	...	...	2	1	...
	(C) Other acute endocarditis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

79	(A) Valvular disease	29	37	9	13	18	24	6	12	1	31()	9	149	53	96	...	...	2	1	5	25	39	77
79	(B) Fatty degeneration of the heart ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
79	(C) Other organic disease of the heart	12	10	2	7	4	6	2	8	1	6 (2)	13	52	26	26	...	...	...	...	...	7	10	35
80	Angina pectoris	2	...	1	...	...	2	...	...	...	3	5	5	4	1	...	...	...	...	...	3	2	...
81	(A) Aneurysm ... ..	...	1	...	2	...	...	...	1	...	1	1	4	2	2	...	...	...	...	...	1	1	2
81	(B) Arterial sclerosis	8	67	8	6	6	7	2	3	...	79()	2	107	45	62	...	...	...	...	...	10	97	...
81	(C) Other diseases of arteries	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	...
82	(A) Cerebral embolism and thrombosis ... ..	...	2	...	2	1	2	...	...	...	3	...	7	3	4	...	...	...	...	...	2	5	...
82	(B) Other embolism and thrombosis	1	2	1	...	...	1	...	...	...	3	...	5	1	4	...	...	...	...	...	2	2	1
83	(A.B.C.D) Diseases of the veins (Varices Hæmorrhoids, Phlebitis, &c.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Phlebitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Varix ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Pylephlebitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(D) Varicocele ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84	(A) Status lymphaticus ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84	(B) Other diseases of the lymphatic system ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
85	(A.B.C.) Hæmorrhage; other diseases of the circulatory system	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Functional disease of the heart ... ..	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...	...	...	...	1	...
	(B) Epistaxis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Other diseases included under 85 ... ..	...	...	...	...	...	...	...	...	...	(3)	...	...	...	...	...	...	...	...	...	...	...	...
IV.—Diseases of the Respiratory System.																							
86	Diseases of the nasal fossæ ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87	(A.B.C.) Diseases of the larynx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Laryngismus stridulus ... ..	...	...	...	...	...	...	...	...	...	...	...	4	1	3	1	...	2	1	...	...	...	...
	(B) Laryngitis	2	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Other diseases of larynx	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
88	Diseases of the thyroid body ... ..	...	...	1	...	...	1	...	...	...	1	...	2	...	2	...	...	...	...	...	1	1	...
89	(A.B.) Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
&	(A) Bronchiectasis, Bronchial Catarrh, &c.	3	1	...	...	...	1	...	1	...	...	...	6	2	4	2	...	...	...	...	...	4	...
90	(B) Other bronchitis	42	35	5	11	10	13	10	8	...	27(17	8	134	55	79	11	9	7	1	1	4	24	77
91	Broncho-pneumonia	28	23	6	9	7	9	2	10	...	12(10)	6	94	50	44	18	27	20	4	2	7	9	7
92	(A.B.) Lobar and undefined.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Lobar pneumonia	13	13	3	11	1	7	1	8	1	16(10)	7	58	30	28	1	2	5	5	6	15	13	11
	(B) Pneumonia (type not stated)	15	8	3	7	6	6	2	5	...	14(13)	5	52	27	25	5	4	2	5	4	10	7	15

TABLE III—continued.

No	CAUSE.	LOCALITIES.								Institution & Street Deaths which could not be distributed.	Total Institution Deaths distributed and not distributed.	Inquest Cases.	Total all Ages.	Males all Ages.	Females all Ages.	-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwards.
		West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.														
93	(A.B.) Pleurisy																						
	(A) Empyema																						
	(B) Other pleurisy		4		1		2		1		(1)	1	8	2	6				1	1	1	1	4
94	(A.B.C.D.) Pulmonary congestion, Pulmonary apoplexy																						
	(A) Pulmonary apoplexy and infarction																						
	(B) Pulmonary oedema and congestion	3		2		1	1		1		(1)	1	8	6	2	1						1	6
	(C) Hypostatic pneumonia																						
	(D) Collapse of lung (3 months and over)																						
95	Gangrene of the lung				1						1	1	1	1							1		
96	Asthma	1	2	2	2		1	1			1		9	2	7				1		2	2	4
97	Pulmonary emphysema	1											1	1									
98	(A) Fibroid disease of lung ...	1	1								1		2	1	1						1		
98	(B) Other diseases of the respiratory system	2			1		1				1	1	4	2	2				1	1	1	1	
V.—Diseases of the Digestive System.																							
99	(A) Diseases of the teeth and gums ...	1	1								1		2		2		1	1					
99	(B C.D.) Other diseases of the mouth and annexa																						
	(b) Thrush, Aphthous Stomatitis ...																						
	(c) Parotitis																						
	(d) Other diseases included under 99																						
100	(A.B.C.) Diseases of pharynx, Tonsillitis																						
	(A) Tonsillitis				1			1		1			3	2	1			1	1			1	
	(B) Ludwig's angina																						
	(C) Other diseases of the pharynx ...																						
101	Diseases of oesophagus				1						(1)		1	1								1	
102	Perforating ulcer of stomach ...	4	1	1	1	1			1		5 (5)	1	9	5	4			1		3	2	3	

103	(A) Inflammation of stomach	...	3	2	5	2	1	...	1	...	5 (2)	1	14	7	7	4	1	1	...	1	3	4
103	(B) Other diseases of the stomach	...	1	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	1	1
*104	(A B.C.D.E.F.G.H.) Diarrhoea and enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
&	(A) Infective enteritis	...	3	1	1	1	...	...	...	...	1	...	6	3	3	5	1	...	...	...	...
105	(B) Diarrhoea—Not returned as infective	...	2	...	...	1	1	2	2	1	2	...	9	7	2	4	1	1	...	1	1
	(C) Enteritis—Not returned as infective	...	1	2	2	2	1	6	1	1	9 (2)	...	17	10	7	4	1	...	2	6	4	
	(D) Gastro-enteritis—Not returned as infective	...	1	2	...	3	...	...	2	...	3	...	8	4	4	6	...	...	...	...	2
	(E) Dyspepsia, under 2 years	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(F) Colic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(G) Ulceration of intestines	...	2	...	...	...	...	1	...	...	2	...	3	3	3	...	...	...	2	...	1
	(H) Duodenal ulcer	...	2	1	1	...	1	...	...	...	2 (1)	1	5	3	2	...	...	...	1	1	3
106	Ankylostomiasis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
107	Other intestinal parasites	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
108	Appendicitis	...	3	1	...	1	...	1	...	...	6 (5)	...	6	3	3	...	...	2	1	1	1
109	(A) Hernia	...	1	3	1	1	1	...	1	1	2 (3)	3	9	5	4	1	...	1	1	1	3	
109	(B) Intestinal obstruction	...	5	...	5	1	1	2	...	3	5 (3)	1	17	5	12	1	...	...	4	4	8
110	Other diseases of the intestines	...	2	...	...	...	1	...	...	...	3	...	3	3	...	...	...	...	3	...	...
111	Acute yellow atrophy of liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
112	Hydatid of liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
113	(A.B.C.) Cirrhosis of the liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Cirrhosis of the liver (not returned as alcoholic)	...	1	1	1	3	...	1	2	...	3 (3)	...	9	7	2	...	...	...	1	4	4
	(B) Cirrhosis of the liver (returned as alcoholic)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Diseases formerly classed to "Other diseases of liver and gall bladder"	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...
114	Biliary calculi	...	1	...	...	...	...	...	...	...	(1)	...	1	...	1	...	...	...	...	...	1
115	Other diseases of the liver	...	...	...	1	...	...	...	...	...	1 (1)	...	1	...	1	...	...	...	...	1	...
116	(A.B.) Diseases of the spleen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Infarction of spleen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Other diseases of the spleen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
117	Peritonitis (cause unstated)	...	1	...	1	...	...	...	...	...	1 (1)	...	2	1	1	...	...	...	2	...	...
118	(A.B.) Other diseases of the digestive system	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Abdominal abscess, Sub-phrenic abscess	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Other diseases included under 118	...	...	...	...	...	...	...	...	...	(1)	...	...	...	...	...	...	...	...	...	...

TABLE III—continued.

No.	CAUSE.	LOCALITIES.								Institution & Street Deaths which could not be distributed.	Total Institution Deaths distributed and not distributed.	Inquest Cases.	Total all Ages.	Males all Ages.	Females all Ages.	0-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwards.	
		West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.															
	VI.—Non-Venereal Diseases of the Genito- Urinary System and Annexa.																							
119	Acute nephritis	3	1	...	1	...	...	...	...	3 (1)	...	5	3	2	...	...	...	1	...	1	2	1
120	(A. B.) Bright's disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Bright's disease as in 1901 list...	3	7	5	7	6	2	2	2	12 (4)	...	34	15	19	...	...	...	1	...	6	11	16
	(B) Nephritis (unqualified), 10 years and over and Uræmia	2	1	1	3	1	2	...	...	2 (1)	2	10	6	4	...	...	...	...	1	2	3	4
121	Chyluria ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
122	(A. B. C. D.) Other diseases of the kidney and annexa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Abscess of kidney ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Cystic disease ... ..	...	1	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	1	...	...
	(C) Suppression of urine	1	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	1	...	...
	(D) Other diseases included under 122	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
123	Calculi of the urinary passages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
124	Diseases of the bladder	1	4	...	...	...	...	...	...	4 (1)	...	5	4	1	...	...	...	...	...	...	2	3
125	(A. B.) Diseases of the urethra, Urinary abscess, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Perineal abscess ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Other diseases of urethra, &c. ...	...	2	...	...	...	...	...	...	2	...	2	2	...	...	...	...	...	...	...	1	1
126	Diseases of the prostate	1	2	2	1	...	3	2	...	3	...	11	11	...	...	...	...	...	...	...	2	9
127	Non-venereal diseases of male genital organs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
128	(A. B.) Uterine hæmorrhage (non-puerperal)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Menorrhagia ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Other uterine hæmorrhage ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
129	Uterine tumour (non-cancerous) ...	...	1	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	1	...	...

TABLE III—continued.

No.	CAUSE.	LOCALITIES.								Institution & Street Deaths which could not be distributed.	Total Institution Deaths distributed and not distributed.	Inquest Cases.	Total all Ages.	Males all Ages.	Females all Ages.	0-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwards.
		West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.														
VIII.—Diseases of the Skin and of the Cellular Tissue.																							
142	(A) Senile gangrene ...	...	2	1	...	...	...	...	...	2 (1)	...	3	1	2	...	...	...	...	...	...	...	...	3
142	(B C.D.) Gangrene, other types	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Noma, Gangrene of mouth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Noma pudendi	...	1	...	...	...	...	...	...	1	...	1	1	...	...	...	1	...	...	...	...	...	...
	(D) Other gangrene	...	1	...	...	...	...	...	...	1 (1)	1	1	1	...	...	...	...	...	...	...	...	1	...
143	Carbuncle, Boil ...	...	...	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	...
144	(A.B.) Phlegmon, acute abscess	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Phlegmon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Acute abscess	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
145	(A.B.C.D.) Diseases of the integumentary system	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Ulcer, Bedsore	...	1	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	1
	(B) Eczema	...	1	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	...	...
	(C) Pemphigus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(D) Other disease of integumentary system	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IX.—Diseases of the Bones and of the Organs of Locomotion.																							
146	Diseases of the bones	...	1	...	...	...	...	...	2	...	3 (2)	2	3	2	1	...	...	2	...	1	...	...	...
147	Diseases of the joints	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	1	...	...	...
148	Amputations	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149	Other diseases of locomotor system	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
X.—Malformations.																							
150	(A.B.C.D.) Congenital malformations	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Congenital hydrocephalus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Phimosi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Congenital malformation of heart	...	1	1	...	1	...	1	1	...	1	...	5	4	1	5	...	...	...	...	...	...	...
	(D) Other congenital malformations	...	2	...	...	1	1	...	...	...	...	...	4	1	3	4	...	...	...	...	...	...	...

XI.— <i>Diseases of Early Infancy.</i>		10	9	2	12	2	4	2	5	...	4 (2)	5	46	28	18	46	...	...	...	...	...	...	...
151	(A) Premature birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
151	(B.C.D.E.) Infantile debility, Icterus & Sclerema	6	10	2	2	5	1	2	1	...	10 (6)	3	29	17	12	29	...	...	...	...	...	...	...
	(B) Infantile atrophy, debility and marasmus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(C) Icterus neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(D) Sclerema and œdema neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(E) Want of breast milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
152	(A.B.C.D.) Other diseases peculiar to early infancy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Diseases of umbilicus, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Atelectasis	...	1	...	1	2	1	...	...	...	...	1	5	3	2	5	...	...	...	...	...	...	...
	(C) Injuries at birth	1	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...
	(D) Cyanosis neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
153	Lack of care	...	...	...	...	...	1	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...
XII.— <i>Old Age.</i>																							
154	(A.B) Old-age	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(A) Senile dementia	1	1	1	...	1	...	...	...	...	...	...	4	2	2	...	...	...	...	...	...	...	4
	(B) Senile decay	23	20	11	10	19	5	7	4	...	12 (6)	2	99	33	66	...	...	...	...	...	...	...	98
XIII.— <i>Affections produced by External Causes.</i>																							
155	Suicide by poison	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
156	Suicide by asphyxia	1	...	1	...	1	...	...	...	...	...	3	3	3	...	...	...	...	...	...	...	2	1
157	Suicide by hanging or strangulation	...	...	...	1	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	1	...
158	Suicide by drowning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
159	Suicide by firearms	...	...	1	...	...	...	...	...	...	1	1	1	1	...	...	...	...	...	...	...	1	...
160	Suicide by cutting and piercing instruments	1	5	1	...	1	...	...	...	...	7 (1)	9	8	6	2	...	...	...	...	...	...	3	4
161	Suicide by jumping from high place	...	1	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	1	...
162	Suicide by crushing	...	...	...	...	...	...	1	...	...	...	1	1	1	...	...	...	...	...	...	...	1	...
163	Other suicides	...	...	Other	1	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	1	...
164	Poisoning by food	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
165	Other acute poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
166	Conflagration	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
167	Burns (conflagration excepted)	3	2	1	...	...	1	...	...	...	7 (2)	9	7	3	4	...	1	1	1	...	...	3	1
168	Absorption of deleterious gases (conflagration excepted)	2	...	...	...	...	1	...	...	...	2 (1)	4	3	2	1	2	...	...	...	...	...	1	...
169	Accidental drowning	...	...	...	...	1	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	1
170	Injury by firearms	...	...	...	...	1	...	...	...	...	(3)	4	1	1	...	...	...	...	...	...	1	...	...
171	Injury by cutting or piercing instruments	...	1	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	1

TABLE III—continued

No.	CAUSE.	LOCALITIES.								Institution & Street Deaths which could not be distributed.	Total Institution Deaths distributed and not distributed.	Inquest Cases.	Total all Ages.	Males all Ages.	Females all Ages.	0-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	55 and upwards.
		West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.														
172	Injury by fall	3	2	...	2	1	...	...	...	7	8	8	6	2	...	...	...	...	1	1	2	4
173	Injury in mines and quarries ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
174	Injury by machines ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
175	Injury by other crushing (vehicles, railways, landslides, &c.)	8	...	...	2	2	1	1	...	12 (6)	20	14	11	3	...	...	2	1	...	2	6	3
176	Injury by animals ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
177	Starvation ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
178	Excessive cold ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
179	Effects of heat ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
180	Lightning ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
181	Electricity (lightning excepted) ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
182	Homicide by firearms ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
183	Homicide by cutting or piercing instruments ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
184	Homicide by other means ... ..	...	...	1	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	1	...	...
185	Fractures (cause not specified)	1	2	...	1	...	1	...	...	4	5	5	3	2	...	...	1	...	1	...	3	...
186	Other violence	1	...	...	...	1	...	...	...	1	2	2	2	...	...	...	...	...	1	...	1	...
XIV.—Ill-Defined Causes.																							
187	Dropsy ... ..	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...
188	(A) Syncope (aged 1 year and under 70) ... ..	...	1	...	...	2	...	...	1	...	3	3	...	3	...	...	...	...	...	3	...	...
188	(B) Sudden death (not otherwise defined) ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
189	(A) Heart failure (aged 1 year and under 70)	1	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	1	...	...
189	(B.C.D.E.) Other ill-defined causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(B) Atrophy, debility, marasmus (aged 1 year and under 70) ... ..	...	1	...	...	1	...	...	...	1	...	2	...	2	...	2	...	...	...	...	...	...
	(C) Teething ... ..	...	...	...	1	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...
	(D) Pyrexia ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(E) Other ill defined deaths	1	...	...	...	...	...	...	...	1	1	1	1	...	...	...	...	...	...	...	1	...
189	(F) Cause not specified	1	...	...	...	...	...	...	...	1 (2)	3	1	1	...	...	1	...	...	...	...	...	...
TOTALS		582	665	200	298	211	292	118	172	6	736 (388)	208	2544	1165	1379	202	82	115	130	185	503	491	836

The total Institution Deaths include those of strangers occurring within the Borough. Deaths of such strangers occurring at the Workhouse, Workhouse Infirmary, Borough Hospital, General Hospital, Purley Cottage Hospital, Norwood Cottage Hospital, and 99, Central Hill (Servants' Reformatory), are excluded from all other columns of the Table. The numbers so excluded are in brackets.

TABLE IV.—*Continued*
County Borough of Croydon—Whole Borough.
 INFANT MORTALITY.

1918. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All Causes.										
Certified	43	12	14	1	70	39	38	32	23	202
Uncertified										
Small-pox										
Chicken-pox										
Measles										
Scarlet Fever										
Whooping Cough						2	3	1	1	7
Diphtheria and Croup							1			1
Erysipelas										
Tuberculous Meningitis						1	1			2
Abdominal Tuberculosis										
Other Tuberculous Diseases						1		1	1	3
Meningitis (<i>not Tuberculous</i>)								2		2
Convulsions	1	2	1		4	3	5		3	15
Laryngitis									1	1
Bronchitis						2	5	5	1	13
Pneumonia (all forms)			1		1	6	3	8	6	24
Diarrhoea							2	1	1	4
Enteritis						2	2	3	2	9
Gastritis			1		1		2	3		6
Syphilis						3				3
Rickets									1	1
Suffocation, overlying	1				1		1			2
Injury at Birth	1				1					1
Atelectasis	1	2			3		1			4
Congenital Malformations	3	1	2		6	2		1		9
Premature Birth	24	4	8	1	37	6	2	1		46
Atrophy, Debility and Marasmus	7	3	1		11	9	8	1		29
Other causes	5				5	2	2	5	6	20
	43	12	14	1	70	39	38	32	23	202

Nett Births in the year { legitimate 2427.
 illegitimate 205.

Nett Deaths in the year of { legitimate infants, 177.
 illegitimate infants 25.

TABLE IV.

County Borough of Croydon—West Ward.

INFANT MORTALITY.

1918. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under One Year.
All Causes.										
Certified	10	4	3	...	17	10	14	4	12	57
Uncertified .. ..	...	...	...	...	...	...	...	...	...	...
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...
Whooping Cough ... ..	...	...	...	...	...	2	2	...	1	5
Diphtheria and Croup ... ..	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..	...	...	...	...	...	...	1	...	...	1
Abdominal Tuberculosis ... ..	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases .. ..	...	...	...	...	...	...	...	1	...	1
Meningitis (<i>not Tuberculous</i>) ... ..	...	...	...	...	...	...	...	...	...	...
Convulsions ... ..	...	1	...	...	1	1	1	...	2	5
Laryngitis ... ..	...	...	...	...	...	...	...	...	1	1
Bronchitis ... ..	...	...	...	...	...	...	2	...	1	3
Pneumonia (all forms) ... ..	...	...	1	...	1	1	2	...	3	7
Diarrhoea ... ..	...	...	...	...	...	...	1	1	...	2
Enteritis ... ..	...	...	...	...	...	1	1	1	1	4
Gastritis ... ..	...	...	...	...	...	...	1	...	...	1
Syphilis ... ..	...	...	...	...	...	...	...	...	...	...
Rickets ... ..	...	...	...	...	...	...	...	...	1	1
Suffocation, overlying	1	...	...	...	1	...	1	...	...	2
Injury at Birth ... ..	...	...	...	...	...	...	...	...	...	...
Atelectasis ... ..	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	2	1	1	...	4	...	...	...	...	4
Premature Birth	5	2	1	...	8	4	...	...	...	12
Atrophy, Debility and Marasmus	2	...	...	...	2	...	2	...	...	4
Other causes ... ..	...	...	...	...	...	1	...	1	2	4
	10	4	3	...	17	10	14	4	12	57

Nett Births in the year { legitimate, 659.
 illegitimate, 45.

Nett Deaths in the year { legitimate infants, 53.
 illegitimate infants, 4.

TABLE IV. — *Continued**County Borough of Croydon—North Ward.*

INFANT MORTALITY.

1918. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-5 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All Causes.										
Certified	8	2	2	...	12	8	9	11	2	42
Uncertified ... ..	...	...	...	...	...	...	...	...	...	...
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...
Measles... ..	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...
Whooping Cough ... ..	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup... ..	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..	...	...	...	...	...	1	...	...	...	1
Abdominal Tuberculosis	1	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ... ..	...	...	...	...	...	...	...	...	...	...
Meningitis (<i>not Tuberculous</i>) ... ..	...	...	...	...	...	...	...	1	...	1
Convulsions ... ..	...	...	...	...	...	1	2	...	1	4
Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	...	...	...	...	...	1	3	...	4
Pneumonia (all forms) ... ..	...	...	...	...	...	...	...	4	1	5
Diarrhoea ... ..	...	...	...	...	...	...	...	...	...	...
Enteritis ... ..	...	...	...	...	...	...	1	...	...	1
Gastritis ... ..	...	...	...	...	...	...	...	3	...	3
Syphilis... ..	...	...	...	...	...	2	...	...	...	2
Rickets ... ..	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ... ..	...	...	...	...	...	...	...	...	...	...
Injury at Birth... ..	1	...	...	...	1	...	...	...	...	1
Atelectasis ... ..	...	1	...	...	1	...	...	...	...	1
Congenital Malformations ... ..	...	...	...	...	...	...	...	...	...	...
Premature Birth	4	1	2	...	7	2	...	...	...	9
Atrophy, Debility and Marasmus	2	...	...	...	2	2	5	...	...	9
Other causes	1	...	...	...	1	...	...	...	...	1
	8	2	2	...	12	8	9	11	2	42

Nett Births in the year { legitimate 440.
 { illegitimate 76.

Nett Deaths in the year { legitimate infants 34.
 { illegitimate infants 8.

TABLE IV.—*Continued**County Borough of Croydon—Central Ward.*

INFANT MORTALITY.

1918. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under One Year.
All Causes.													
Certified	...	...	...	3	1	...	...	4	4	2	3	...	13
Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	1	...	...	1
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	1	...	...	...	1
Meningitis (<i>not Tuberculous</i>)	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions	...	...	...	...	1	...	...	1	...	1	...	...	2
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms)	...	...	...	...	...	...	...	...	1	...	1	...	2
Diarrhœa	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...	...	1	...	1
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, everlaying	...	...	...	...	...	...	...	...	...	...	...	...	...
Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth	...	...	...	2	...	...	...	2	...	...	...	...	2
Atrophy, Debility and Marasmus	...	...	...	1	...	...	...	1	2	...	...	...	3
Other causes	...	...	...	...	...	...	...	...	...	...	1	...	1
				3	1	...	...	4	4	2	3	...	13

Nett Births in the year { legitimate, 192.
 illegitimate, 13.

Nett Deaths in the year { legitimate infants, 13.
 illegitimate infants, —.

TABLE IV.—*Continued.**County Borough of Croydon—East Ward.*

INFANT MORTALITY.

1918. Nett Deaths from stated Causes at various ages under One Year of Age.

CAUSES OF DEATH.					Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All Causes.														
Certified ...	...	...	...	...	10	1	5	...	16	5	3	3	3	30
Uncertified ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Meningitis (<i>not Tuberculous</i>) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions ...	...	...	...	...	1	...	...	...	1	...	...	...	...	1
Laryngitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis ...	...	...	...	...	...	...	...	...	...	1	1	2	...	4
Pneumonia (all forms) ...	...	...	...	...	...	...	...	...	...	1	1	...	...	2
Diarrhoea ...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Enteritis ...	...	...	...	...	...	...	...	...	...	...	...	1	1	2
Gastritis ...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
Syphilis ...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Rickets...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Injury at Birth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Malformations ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth ...	...	...	...	...	8	1	3	...	12	...	...	...	...	12
Atrophy, Debility and Marasmus ...	...	...	...	...	...	...	1	...	1	1	...	...	...	2
Other causes ...	...	...	...	...	1	...	...	...	1	1	...	...	1	3
					10	1	5	...	16	5	3	3	3	30

Nett Births in the year { legitimate, 286.
 { illegitimate, 17.

Nett Deaths in the year { legitimate infants, 25.
 { illegitimate infants, 4.

TABLE IV.—*Continued.**County Borough of Croydon—South Ward.*

INFANT MORTALITY.

1918. Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under 1 Year.
All Causes.										
Certified	6	...	...	...	6	4	4	3	...	17
Uncertified ... ..	...	...	...	...	...	...	...	...	...	...
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...
Whooping Cough ... ..	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ... ..	...	...	...	...	...	...	1	...	...	1
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ... ..	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ... ..	...	...	...	...	...	...	...	...	...	...
Meningitis (<i>not Tuberculous</i>) ... ..	...	...	...	...	...	...	...	...	...	...
Convulsions ... ..	...	...	...	...	...	...	...	...	...	...
Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ... ..	...	...	...	...	...	1	...	...	...	1
Diarrhoea ... ..	...	...	...	...	...	...	...	...	...	...
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...
Gastritis ... ..	...	...	...	...	...	...	1	...	...	1
Syphilis ... ..	...	...	...	...	...	...	...	...	...	...
Rickets ... ..	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ... ..	...	...	...	...	...	...	...	...	...	...
Injury at birth ... ..	...	...	...	...	...	...	...	...	...	...
Atelectasis	1	...	...	...	1	...	1	...	...	2
Congenital Malformations	1	...	...	...	1	...	...	1	...	2
Premature Birth	2	...	...	...	2	...	...	...	...	2
Atrophy, Debility, and Marasmus	1	...	...	...	1	3	1	1	...	6
Other causes	1	...	...	...	1	...	...	1	...	2
	6	...	...	...	6	4	4	3	...	17

 Nett Births in the year {

legitimate, 221.
illegitimate, 11.

 Nett Deaths in the year {

legitimate infants, 12.
illegitimate infants, 5.

TABLE IV.—*Continued.**County Borough of Croydon—South Norwood.*

INFANT MORTALITY.

1918. Nett Deaths from stated Causes at various ages under One Year of Age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All Causes.										
Certified	2	3	2	...	7	3	3	4	2	19
Uncertified
Small-pox
Chicken-pox
Measles
Scarlet Fever
Whooping Cough	1	...	1
Diphtheria and Croup
Erysipelas
Tuberculous Meningitis
Abdominal Tuberculosis
Other Tuberculous Diseases...
Meningitis (<i>not Tuberculous</i>)	1	...	1
Convulsions	1	...	1	...	...	...	...	1
Laryngitis
Bronchitis
Pneumonia (all forms)	1	...	1	1	3
Diarrhoea
Enteritis
Gastritis
Syphilis
Rickets
Suffocation, overlying
Injury at Birth
Atelectasis	1	...	...	1	...	...	...	...	1
Congenital Malformations	1	...	...	...	1
Premature Birth	1	...	1	...	2	...	2	...	...	4
Atrophy, Debility and Marasmus	2	...	...	2	1	...	...	...	3
Other causes	1	...	...	...	1	...	1	1	1	4
	2	3	2	...	7	3	3	4	2	19

Nett Births in the year { legitimate, 323.
 illegitimate, 26.

Nett Deaths in the year { legitimate infants, 17
 illegitimate infants, 2.

TABLE IV.—Continued.

County Borough of Croydon—Upper Norwood.

INFANT MORTALITY.

1918. Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.					Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under 1 Year.
All Causes.														
Certified	...	...	...	...	1	...	1	...	2	...	...	...	1	3
Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (<i>not Tuberculous</i>)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	...	...	...	...	...	...	1	...	1	...	...	...	...	1
Premature Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility, and Marasmus	...	...	...	...	1	...	...	...	1	...	...	...	...	1
Other causes	...	...	...	...	...	...	...	...	...	...	...	...	1	1
					1	..	1	...	2	...	...	...	1	3

Nett Births in the year { legitimate, 83.
 { illegitimate, 1.

Nett Deaths in the year { legitimate infants, 3.
 { illegitimate infants, 0.

TABLE IV.-- *Continued.**County Borough of Croydon—Thornton Heath.*

INFANT MORTALITY.

1918. Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under 1 Year.
All Causes.										
Certified	3	1	1	1	6	5	3	4	3	21
Uncertified
Small-pox
Chicken-pox
Measles...
Scarlet Fever
Whooping Cough
Diphtheria and Croup...
Erysipelas
Tuberculous Meningitis
Abdominal Tuberculosis
Other Tuberculous Diseases
Meningitis (not Tuberculous)
Convulsions	1	1	...	...	2
Laryngitis
Bronchitis	1	1	...	...	2
Pneumonia (all forms)	1	...	2	1	4
Diarrhoea	1	1
Enteritis	1	...	...	...	1
Gastritis
Syphilis
Rickets
Suffocation, overlying
Injury at Birth
Atelectasis
Congenital Malformations	1	...	...	...	1
Premature Birth	2	...	1	1	4	...	...	1	...	5
Atrophy, Debility and Marasmus	1	...	...	1	...	...	...	...	1
Other causes	1	...	...	...	1	...	1	1	1	4
	3	1	1	1	6	5	3	4	3	21

Nett Births in the year { legitimate, 223.
 illegitimate, 16.

Nett Deaths in the year { legitimate infants 19.
 illegitimate infants, 2.

TABLE V.

Table showing the number of cases notified and deaths from the principal zymotic diseases for the Year 1918 and ten preceding Years.

DISEASE.	1918.		1917.		1916.		1915.		1914.		1913.		1912.		1911.		1910.		1909.		1908.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cerebro-Spinal Meningitis ..	25	1	18	..	29	1	24	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poliomyelitis .. ..	..	..	1	..	2	..	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Small Pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	414	6	191	2	297	4	414	5	748	5	470	3	476	2	468	7	759	7	727	9	534	5
Diphtheria and (1) Memb. Croup	179	22	191	9	312	4	195	14	226	18	451	16	767	25	514	37	267	21	356	24	405	37
(2) Erysipelas	44	3	56	3	52	1	82	3	96	7	107	6	84	6	79	5	69	1	92	3	60	5
Puerperal Fever	4	3	3	1	7	1	12	5	9	3	6	4	10	3	12	4	8	1	16	5	10	5
Enteric Fever	15	2	6	..	13	..	22	3	20	5	32	6	32	7	24	7	26	..	21	3	52	5
Simple Continued Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculosis (3)	378	204	397	157	326	223	550	238	503	192	519	202	312	140	240	165	130	135	139	152	106	150
Measles (4)	1057	2	2944	29	462	..	..	108	..	8	..	58	..	31	..	29	..	31	..	21	..	92
Rubella	93	..	2439	..	636	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea and Enteritis ..	48	..	41	..	50	..	62	..	67	..	85	..	58	..	147	..	51	..	45	..	75	..
Whooping Cough	10	..	9	..	27	..	12	..	24	..	28	..	13	..	38	..	20	..	30	..	29	..
Influenza	478	..	20	..	46	..	45	..	15	..	26	..	18	..	14	..	25	..	59	..	52	..
Bronchitis, Pneumonia, and	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pleurisy	362	..	302	..	329	..	399	..	313	..	297	..	250	..	280	..	251	..	323	..	282	..

(1) Notifiable since May, 1897.

(2) Notifiable since January, 1900.

(3) Voluntary Notification, 1903-09.

Poor Law Cases, Compulsorily

Notifiable since 1st Jan., 1909.

Cases Treated in Hospital, Compulsorily Notifiable since 1st May, 1911.

All cases of Pulmonary Tuberculosis

notifiable since 1st January, 1912.

All forms of Tuberculosis notifiable since 1st February, 1913.

(4) Notifiable since January 1st, 1916.

In the above Table deaths of Non-residents occurring at the Workhouse, Workhouse Infirmary, Borough Hospital, General Hospital, Norwood Cottage Hospital, Purley Cottage Hospital, and 99, Central Hill (Servants Reformatory), are excluded. Prior to 1903 correction was only made for the first three institutions.

TABLE VI.—Vital Statistics of separate Wards in 1918 and previous years.

NAMES OF LOCALITIES	1. NORTH WARD.				2. WEST WARD				3. CENTRAL WARD.				4. EAST WARD.				5. SOUTH WARD				6. SOUTH NORWOOD WARD.				7. UPPER NORWOOD SUB-DIVISION.				8. THORNTON HEATH SUB-DIVISION.				9. UNDISTRIBUTED Institution Births and Deaths.			
	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year	Population estimate to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 Year.				
YEAR	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	aa	ab	ac	ad	ae	af	ag			
1904	..	..	..	..	*46,741	1319	699	100	17,051	362	229	35	16,346	375	193	47	19,107	399	227	55	21,925	621	322	70	8,327	148	90	20	14,922	463	192	63	..	82	46	3
1905	..	..	..	..	*47,944	1446	706	162	17,106	344	236	37	16,983	387	161	30	19,404	384	197	34	22,370	648	297	60	8,335	134	105	10	15,562	466	159	39	..	85	21	..
1906	..	..	..	..	*49,219	1451	744	207	17,171	362	255	51	17,630	393	182	51	19,711	366	232	40	22,825	630	276	61	8,343	148	88	7	16,212	447	227	65	..	89	15	3
1907	..	..	..	..	*50,600	1515	715	171	17,236	351	207	38	18,083	392	172	25	20,022	363	210	29	23,284	643	285	55	8,351	145	94	9	16,866	456	195	44	..	102	23	..
1908	..	..	..	..	*51,801	1550	747	185	17,310	340	209	24	18,634	388	190	30	20,329	361	237	36	23,739	647	267	61	8,364	156	119	6	17,321	492	231	53	..	83	21	3
1909	..	..	..	..	*5,126	1560	721	142	17,394	266	211	24	19,155	390	189	33	20,636	371	198	27	24,195	654	267	39	8,377	151	87	8	18,176	454	184	40	..	85	23	..
1910	..	..	..	..	*54, 58	1489	693	149	17,478	298	179	21	19,736	404	165	33	20,943	375	180	30	24,651	548	239	45	8,388	139	102	6	18,831	474	168	47	..	82	27	..
1911	29,701	691	275	51	33,592	800	473	107	16,167	295	169	32	20,175	377	217	42	18,908	390	209	42	25,609	572	325	65	8,128	112	105	10	18,081	430	190	43	..	111	29	2
1912	30,450	683	273	46	34,964	829	436	88	16,119	298	190	25	20,743	417	199	27	19,111	370	203	24	26,228	577	281	39	8,115	131	103	14	18,927	416	174	35	..	140	34	..
1913	31,117	781	349	69	36,424	800	451	90	16,070	332	216	36	21,823	402	226	37	19,229	337	234	37	26,850	594	319	54	8,102	112	98	8	18,982	425	182	37	..	107	21	..
1914	31,899	729	302	45	37,302	841	490	95	16,021	290	175	27	21,837	468	214	32	19,690	353	218	28	27,498	628	304	42	8,298	109	101	10	19,441	490	159	40	..	113	21	..
1915	30,993	699	451	52	36,276	844	553	82	15,985	264	236	25	21,236	447	254	31	19,148	398	248	29	26,732	559	348	43	8,069	141	90	7	18,906	385	208	38	..	79	18	..
1916	30,659	729	550	44	35,935	769	488	97	15,949	246	182	14	21,041	458	203	29	18,970	396	190	19	26,485	589	245	33	7,995	112	115	9	18,731	377	158	36	..	61	19	..
1917	32,810	556	597	56	3,406	634	468	65	16,036	197	186	23	22,515	357	212	22	20,275	348	172	23	28,292	451	252	22	8,664	81	94	4	20,019	312	182	34	..	68	44	..
Averages of Years 1904 to 1917.	..	..	..	..	..	..	..	..	16,649	303	208	29	19,669	404	201	33	19,098	350	211	33	25,049	597	288	49	8,268	130	100	9	17,913	435	186	44	..	92	26	0.8
Averages of Years 1911 to 1917	31,085	691	27	52	36,143	788	480	86	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Averages of Years 1904 to 1910 inclusive.	..	..	..	..	50,541	1476	718	172	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1918	29,562	516	665	42	34,604	704	582	57	14,449	205	200	13	20,340	393	238	30	18,268	332	211	17	25,492	349	292	19	7,717	84	118	8	18,030	239	172	21	..	66	6	..

NOTES.—Deaths of residents occurring beyond the district are included in sub-columns C of this table, and those of non-residents occurring at the Workhouse, Workhouse Infirmary, Borough Hospital, General Hospital, Norwood Cottage Hospital, Purley Cottage Hospital, and 99, Central Hill (Servants' Reformatory) are excluded.

Deaths of residents occurring in Public Institutions are allotted to the respective localities, according to the addresses of the deceased, and all deaths of Croydon residents whose exact home could not be ascertained, are included in Block 9.

* Including North Ward.

WORK OF THE SANITARY INSPECTING STAFF.

GENERAL SANITARY WORK.

The usual summary is given in Table VII., which gives a fair idea of the various matters engaging the attention of the Sanitary Inspectors.

Inspections.—During the year 955 house to house inspections were made.

Combined drainage.—The number of systems of combined drainage dealt with as single *private* drains during the year was 2. This work was carried out under the provisions of the Croydon Corporation Act, 1905. The cost of carrying out the necessary works amounted to £22 10s. 0d, and was borne by the owners instead of by the inhabitants at large.

House drains relaid.—In 16 instances the whole of the house drains were relaid, and 75 house drains were repaired or partially relaid.

Examination of drains.—68 written applications were received for the examination of the drains and sanitary condition of houses by occupiers or intending occupiers. In all cases special reports were made by the District Inspectors, copies of which were forwarded to the applicants; where defects were found, and in many cases where improvements were suggested, the work was carried out by the owners without the necessity of serving sanitary notices.

Notices and Council Orders.—Most of the nuisances discovered were remedied on receipt of informal notices, but in 93 cases Council Orders had to be applied for. Seventy-one were complied with at the end of the year.

MUNICIPAL COMMON LODGING HOUSE.

This Lodging House affords accommodation for 17 women and 84 men. The number of nightly occupants during the year amounted to 28,138 men and 1,193 women, making a total of 29,331. The average number of lodgers amounted to 77 men and 3 women per night.

Owing to the increased cost of labour and material the charge for beds to men lodgers was increased on October 7th from 6d. to 8d. per night.

The receipts and expenditure (exclusive of sinking fund and interest) for the past seven years were :—

		Receipts.					Expenditure.		
		£	s.	d.			£	s.	d.
1912	...	764	1	7	...		662	3	9
1913	...	765	6	7	...		623	14	4
1914	...	822	4	9	...		735	8	9
1915	...	787	9	1	...		737	17	10
1916	...	722	16	1	...		682	15	10
1917	...	678	15	4	...		698	4	1
1918	...	781	1	7	...		854	3	0

OTHER COMMON LODGING HOUSES.

There are ten other houses on the register.

The following Table gives the situation of the ten registered houses and the accommodation provided therein :—

Premises.	No. of Rooms.	Accommodation.
11 & 12, Princess Road	12	54 men and 8 married couples.
9, Prospect Place	7	18 men and 5 married couples.
19, 20, 21, 22, 23 & 24, Lahore Road	30	50 men, 10 women, and 6 married couples.
52, Union Street	13	30 men.

Nos. 19 to 24, Lahore Road—These houses are under one management and worked as one establishment, as also are Nos. 11 and 12, Princess Road. Practically, therefore, only four common lodging houses now remain in the Borough, with a total accommodation of 200 adults, or if we add the Municipal Common Lodging House, a total of five houses with 263 single beds and 19 double beds.

During the year common lodging houses received 518 visits, while 10 houses received night visits.

Minor infringements of bye-laws were detected on 19 occasions, but in no case were they sufficiently serious for legal proceedings to be taken.

HOUSES LET IN LODGINGS.

There are 49 houses registered under the bye-laws. During the year these houses received 949 visits.

On no occasion were offences discovered for which prosecutions were necessary.

At the present moment the following houses are registered as houses let in lodgings:—

Wilford Road	...	...	...	...	25
Forster Road	...	...	...	...	12
Holmesdale Road	...	...	...	...	4
Ely Road	...	...	...	...	8
					—
					<u>49</u>

HOUSE INSPECTIONS made by the Sanitary Inspectors during the year ended 31st December, 1918.

Inspector.	House-to-House Inspections.	Informal Notices served.	Informal Notices complied with.
Culver	...	5	120
Peck	...	153	188
Richardson	...	241	418
Vincent	...	383	312
Hunt	...	173	231
Bull	...	—	9
Totals for the year	955	1278	1158

The amount of routine house-to-house inspection is much lower than what is desirable, but the reduction in the sanitary inspecting staff arising out of war circumstances makes this unavoidable. The main attention of the inspectorate has been directed towards the detection and abatement of actual existing nuisances, the routine work unavoidably having been left alone to a considerable extent.

As a result of these inspections, 1,278 preliminary notices were served during the year.

The numbers in this table are in addition to 633 inspections of houses where infectious diseases have been notified, and 68 inspections on request of larger houses where the drains were tested and special reports sent to occupiers, prospective occupiers, or owners.

Full details of general sanitary work are given in the Summary in Table VII.

FACTORY AND WORKSHOP ACT.

FABRICES.

640 visits were made to Factories.

170 in reference to sanitary accommodation.

37	"	"	cleanliness of earth closets.
30	"	"	new occupation.
3	"	"	complaint of smoke nuisance.
79	"	"	new drinking water regulations.
36	"	"	extra W.C. accommodation at 8 munition factories.
3	"	"	extra W.C. accommodation and screens at flour mills.
3	"	"	extra W.C. accommodation at a tailoring factory.
3	"	"	Ditto at steam laundry.
15	"	"	Ditto at aeroplane factory.
3	"	"	Ditto at baking powder factory.
21	"	"	Ditto at printers
12	"	"	Ditto at carpenters
16	"	"	Screening W.C.'s at 3 engineering works
12	"	"	Ditto at toy works.
2	"	"	Ventilated space in aeroplane works.
6	"	"	Ditto at engineering works.
9	"	"	Ditto at rag factory.
6	"	"	Ditto at printers.
12	"	"	extra W.C. accommodation at 4 engineering works.
4	"	"	screening W.C.'s at photographic works.
20	"	"	screening of W.C.'s at 2 steam laundries.
18	"	"	" " 2 munitions factories
120	"	"	sundry visits.

640 Total.

WORKSHOPS.

The number of workshops on register is 650.

The number of visits paid by the Inspector is 357.

The following is a list of the various matters which required attention :—

	Factories.	Workshops	Laundries	Bake-houses.	Work-places.	Out-workers.	TOTAL.
Screening of C's. ..	10	4	—	—	—	—	14
Cleansing, etc.	—	9	4	28	2	—	43
Insufficient W.C. accommodation	18	3	—	—	—	—	21
Defective ditto	—	18	4	—	—	—	22
Overcrowding	—	—	—	—	—	—	—
Dustbins	—	—	—	—	—	—	—
Paving	—	—	—	—	—	—	—
Want of ventilation of stoves	—	22	—	—	—	—	22
Want of intervening ventilated space	2	8	—	—	—	—	10
Drinking water supply ..	66	2	—	—	—	—	68
Sundry defects	20	11	—	13	4	—	48
	116	77	8	41	6	—	248

Preliminary Notices served—

Factories	...	...	...	...	...	...	...	4
Workshops	...	...	...	...	...	...	...	5
								<u>9</u>

These 9 notices were duly complied with ; the remainder of the matters requiring attention were satisfactorily dealt with by verbal notice.

Thirty communications were sent to H.M. Inspector of Factories in accordance with the various requirements of the Act.

HOMework.

112 lists were received from employers. containing the names of 326 outworkers residing in the Borough. 154 further names were received from the Medical Officers of Health of various neighbouring districts, and the names of 50 outworkers residing outside the Borough were similarly despatched to the Medical Officer of Health for the district concerned.

176 visits were paid to outworkers.

50 visits were made to premises of employers of outworkers for the purpose of examining lists and other particulars.

BAKEHOUSES.

At the end of the year there were 78 Bakehouses in occupation, of which 7 were underground. 530 visits were made by the Inspector during the year, and 41 nuisances discovered and abated.

WORKPLACES.

At the end of the year there were 76 workplaces on the register. 49 visits to eating-house kitchens have been made, and 6 nuisances discovered and abated.

SMOKE NUISANCES.

3 complaints of smoke nuisances were attended to.

RAG FLOCK ACT, 1912.

Five inspections were made of premises occupied by upholsterers and bedding manufacturers. Very little private work was done in the work-shops in consequence of the war. The materials in use appeared to be clean. No samples were taken for analysis.

TABLE VII.

Work done by the Sanitary Inspectors during the Year ending
31st December, 1918.

NATURE OF CASES DEALT WITH	Deputy Chief Insp. Culver.	Insp. Fulker.	Insp. Earwicker	Insp. Peck.	Insp. Richardson	Insp. Bull.	Insp. Vincent.	Insp. Flint.	Insp. Hunt.	TOTAL
House to House Inspection	5	..	..	153	241	..	383	..	173	955
No. of Houses inspected where zymotic diseases have occurred	50	..	..	82	244	..	135	..	122	633
No. of Visits of enquiry re infectious disease	196	..	..	121	311	..	179	..	168	975
House drains tested with smoke (primary) ..	49	..	..	60	170	..	115	..	91	485
" " " on application	14	..	..	11	7	..	12	..	24	68
Drains found defective	13	..	..	16	17	..	6	..	7	59
House drains re-laid	3	..	..	6	1	..	2	..	4	16
" " repaired	1	..	..	20	30	..	..	..	22	73
No. of smoke tests during repair	3	..	..	27	51	..	4	..	41	126
" water "	28	..	..	24	14	..	8	..	29	103
Damp-proof courses inserted .. .. .	..	..	..	..	..	..	..	..	..	..
Yards paved .. .. .	..	..	..	..	4	..	..	..	..	4
Inspection of Premises where offensive trades are conducted .. .. .	..	..	..	..	..	..	..	..	..	..
Inspections of Factories and Workshops, etc	..	..	..	..	..	1173	..	..	..	1173
" " Greengrocers, Fishmongers & Ice Cream Shops	4	..	..	138	15	..	372	..	174	703
" " Schools	3	..	..	67	12	..	58	..	54	194
" " Shops	232	..	..	..	4	..	6	..	1	243
" " Bakehouses .. .. .	..	..	..	..	..	530	..	..	..	530
" " Yards and Stables	11	..	..	311	185	..	303	..	530	1340
" " Common Lodging Houses .. .. .	..	..	..	..	..	518	..	..	..	518
" " " night visits .. .. .	..	..	..	..	..	..	..	..	..	..
" " Houses let in Lodgings .. .. .	..	..	..	..	468	..	481	..	..	949
" " " night visits .. .. .	..	..	..	..	..	..	..	..	..	..
" " Urinals	41	..	..	402	247	..	327	..	429	1446
Smoke observations .. .. .	..	..	..	..	..	..	..	..	..	..
Re-inspections of work in progress	210	..	..	887	1145	..	755	..	970	3967
Sundry inspections	632	..	..	642	600	..	312	..	507	2493
Complaints from public investigated	248	..	..	89	264	..	163	..	174	938
NUISANCES DISCOVERED.										
Houses requiring Cleansing & Whitewashing	25	..	..	30	92	..	46	..	75	268
" " Overcrowded	1	..	..	1	8	..	..	..	4	14
Leaky Roofs	24	..	..	34	87	..	42	..	46	233
Dampness in Houses	5	..	..	67	25	..	20	..	20	137
Drains found stopped	48	..	..	41	135	..	80	..	59	363
Drains and Sanitary Fittings found defective	58	..	..	114	206	..	73	..	99	540
Defective Yard Surfaces .. .. .	..	..	..	2	11	..	11	..	14	38
" " Eaves and Downspouts	21	..	..	23	82	..	27	..	29	182
" " Manure Receptacles .. .. .	..	..	..	..	..	..	..	..	..	..
" " Urinals .. .. .	..	..	..	..	..	..	1	..	..	1
" " Ashbins	15	..	..	67	67	..	15	..	49	213
Smoke Nuisances .. .. .	..	..	..	..	..	..	..	..	..	..
Animals improperly kept	10	..	..	1	1	..	..	..	..	12
Infringements of Bye-laws and Regulations	2	..	..	..	..	..	1	..	..	3
Offensive Accumulations	8	..	..	..	1	..	..	..	2	11
Sundry other Nuisances	1	..	..	67	127	..	2	..	78	275
Total number of Nuisances	218	..	..	447	842	..	318	..	465	2290
Informal Notices served	120	..	..	188	418	9	312	..	231	1278
" " complied with	75	..	..	176	385	9	304	..	204	1153
" " in abeyance	78	..	..	26	97	..	43	..	270	314
Referred to Committee	6	..	..	22	10	..	36	..	19	93

MEAT INSPECTIONS.

The Inspection of meat has been carried out as in previous years

There are 12 registered slaughter houses in the Borough, in addition to the Municipal slaughter houses at Pitlake, which consist of 12 slaughter houses with lairs.

In August a portion of the Public slaughter house premises was rented by the Ministry of Food for the slaughter of calves and at the end of the year was still in their occupation.

During this period 4,549 calves were slaughtered, their carcasses and offals being consigned to Smithfield Market for allocation in the Metropolitan area.

The Ministry of Food in addition slaughtered 1,358 bullocks, the carcasses and offal being issued to the various Military Depots in the neighbourhood or consigned to Smithfield Market for allocation in the Metropolitan area.

The following table gives a summary of the work done during the year:—

Summary of inspections during 1918.

I.

Date. 1918.	Slaughterhouses.	Butchers.	Fishmongers.	Markets.	Cowkeepers.	Dairies.	Other Premises.	Total.
January	144	66	22	10	7	17	10	276
February	119	80	33	8	8	23	22	293
March	136	126	30	10	9	40	19	370
April	91	79	29	8	7	28	13	255
May	79	61	23	6	8	16	18	211
June	172	124	35	12	28	73	19	463
July	93	103	21	8	6	20	16	267
August	170	202	33	14	3	6	35	463
September	103	104	27	8	8	25	9	284
October	114	63	24	7	9	19	16	252
November	84	70	25	6	10	20	19	234
December	143	96	41	10	6	19	21	336
Totals	1448	1174	343	107	109	306	217	3704

The two following tables shew the number of animals slaughtered at the Public Slaughter Houses, Pitlake, during the year 1918, and a summary of the totals for the last ten years :—

1918.

II.

Slaughterhouses.	Cattle.	Sheep.	Pigs.	Calves.	Total.
Public ...	1908	1013	205	72	3198
Private ...	309	1202	1433	7031	9975
Totals ...	2217	2215	1638	7103	13173*

* Included in the above figures 20 beasts slaughtered for Central Live Stock Fund and 1,338 beasts War Department Ministry of Food, Total 1,358.

4,549 Calves slaughtered from August 26th to December 31st, 1918 dispatched to the Wholesale Meat Association; Smithfield, excepting a few disposed of locally.

Summary for ten years, 1909 to 1918.

III.

Year.	Cattle.	Sheep.	Pigs.	Calves.	Total.
1909	579	7256	20106	2480	30421
1910	743	10541	16854	2990	31128
1911	635	9724	19371	3961	33691
1912	727	7874	19765	4017	32383
1913	458	4863	15282	3003	23606
1914	589	4171	13281	2667	20708
1915	1000	5339	22406	2539	31284
1916	1261	8332	26181	2661	38435
1917	2044	9904	18152	4604	34704
1918	2217	2215	1638	7103	13173
Totals ...	10253	70219	173036	36025	289533

Summary of Carcases in which Tuberculosis was found in the course of inspection and how such carcases were disposed of :-

1918.

VI.

Animals affected.	Carcase and all internal organs destroyed,	Part of carcase and all organs destroyed.	All or part of organs destroyed.	Total.
Cattle	25	5	33	63
Pigs	4	21	10	35
Total	29	26	43	98

DAIRIES, COWSHEDS & MILK SHOPS ORDER.

Cowkeepers on Register (1917)	...	...	23
„ added (1918)	...	...	4
Cowsheds on Register (1917)	...	...	34
„ added (1918)	...	...	4
Number of Cows provided for	...	...	520
Approximate number of Cows (1918)	...	...	267
Dairymen and Milk Purveyors on Register	...	...	261
„ added (1918)	...	...	1
Number of Premises	...	...	312

There were no removals from the Register during the year, as in many cases business has been temporarily suspended in the case of several cowkeepers, and a considerable number of milk purveyors, and may be resumed at any time.

FOOD AND DRUGS ACTS.

Table VIII. gives the number of samples taken by the Inspector under the Acts during the year, the results of the analyses and the action taken thereon.

PROSECUTIONS, 1918.

Date of Purchase.	Defendant.	Charge.	Result.	Penalty.	Costs.
1918				£ s d.	£ s. d.
Jan. 4	H. E. H. ...	Selling Milk adulterated with 7 per cent. of added water	Convicted	5 0 0	12 6
„ 4	„	Selling Milk adulterated with 8 per cent. of added water	„	5 0 0	12 6
„ 31	C. B. ...	Selling Milk adulterated with 28 per cent. of added water and 15 per cent. deficient of its fat...	„	10 0 0	5 15 6
„ 31	T. F. & Co.	Selling Milk 15 per cent. deficient of its fat ...	„	—	3 3 0
„ 31	W. & S. ...	Selling Milk adulterated with 22 per cent. of added water and 5 per cent. deficient of its fat ...	„	10 0 0	2 12 6
Feb. 26	C. B. ...	Selling Milk adulterated with 26 per cent. of added water	„	40 0 0	10 6
Mar. 22	G. C. C. ...	Selling Milk 31 per cent. deficient of its fat ...	No Conviction	Warranty	Proved
May 10	A. J. ...	Selling Milk adulterated with 6 per cent. of added water	Convicted	10 0 0	1 1 0
July 21	S. S. & G. D. Co.	Selling Milk adulterated with 9 per cent. of added water	„	10 0 0	2 13 6
Sept. 20	T. J. ...	Selling Milk 26 per cent. deficient of its fat ...	„	5 0 0	2 12 6
Nov. 6	E. F. ...	Selling Milk adulterated with 15 per cent. of added water	„	3 3 0	1 16 6
Nov. 6	A. J. ...	Selling Milk adulterated with 6 per cent. of added water	„	20 0 0	2 12 6
„ 24	A. G. ...	Selling Milk adulterated with 18 per cent. of added water	„	10 0 0	1 11 6
„ 24	G. W. B. ...	Selling Milk adulterated with 7 per cent. of added water	„	5 0 0	1 11 6
Dec. 17	S. S. & G. D. Co.	Selling Milk adulterated with 4 per cent. of added water	No Conviction	—	—
„ 17	„	Selling Milk adulterated with 3 per cent. of added water	„	—	—
„ 17	„	Selling Milk adulterated with 4 per cent. of added water	Convicted	*10 0 0	5 0 0
Total ...				143 3 0	32 10 6

*This penalty was inflicted after taking into consideration the two preceding cases.

During the year 403 samples of milk (401 new and 2 skimmed or separated) were taken. In 54 cases the samples were below the standard suggested by the Board of Agriculture.

Proceedings were instituted in respect of 17 of these samples, and fines and costs were imposed on the vendors to the extent of £175 13s. 6d. The other 37 samples were only slightly below the standard suggested by the Board of Agriculture.

In 16 cases the vendors were written to asking for an explanation, and in all cases subsequent samples were taken.

No samples of cream were submitted for analysis during the year.

One sample of butter was taken during the year. This proved to be genuine.

Ten other samples were taken, and they proved genuine.

MILK AND CREAM REGULATIONS, 1912.

The following is a copy of the Report sent to the Local Government Board under the above-mentioned Regulations, viz. :—

REPORT OF ADMINISTRATION IN CONNECTION WITH THE PUBLIC HEALTH (MILK AND CREAM) REGULATIONS, 1912.

REPORT FOR THE YEAR ENDED 31ST DECEMBER, 1918.

1. *Milk; and Cream not sold as Preserved Cream.*

	(a) Number of samples examined for the presence of a preservative.	(b) Number in which a preservative was reported to be present.
MILK	403	Nil.
CREAM	Nil. No samples taken during the year 1918.	

2. *Cream sold as Preserved Cream.*

- (a) Instances in which samples have been submitted for analysis to ascertain if the statements on the label as to preservatives were correct.

(i) Correct statements made...	...	Nil.
(ii) Statements incorrect	...	Nil.
		<hr/>
Total	...	Nil.
		<hr/>

- (b) Determinations made of milk fat in cream sold as preserved cream.

(i) Above 35 per cent.	...	Nil.
(ii) Below 35 per cent.	...	Nil.
		<hr/>
Total	...	Nil.
		<hr/>

- (c) Instances where (apart from analysis) the requirements as to labelling or declaration of preserved cream in Art. v. (1) and the proviso in Art. v. (2) of the Regulations have not been observed.

Nil.

- (d) Particulars of each case in which the Regulations have not been complied with, and action taken.

Nil.

3. *Thickening substances.* Any evidence of their addition to cream or to preserved cream. Action taken where found

Nil.

4. *Other observations, if any.*

Nil.

TABLE VIII.—FOOD AND DRUGS ACTS.

Total Number of Samples taken during the year 1918.

Sample of	Total Samples.	Genuine.	Not Genuine.	Prosecutions.	Convictions.	Cautions
Milk	401	347	54	17	13	16
„ Separated or Skimmed	2	2	—	—	—	—
Margarine	1	1	—	—	—	—
Butter	1	1	—	—	—	—
Drs.' Prescriptions	2	2	—	—	—	—
Self-raising Flour	1	1	—	—	—	—
Dripping	1	1	—	—	—	—
Bacon	1	1	—	—	—	—
Sausages	1	1	—	—	—	—
Sausage Meat	1	1	—	—	—	—
Soup Powder	1	1	—	—	—	—
Condensed Milk...	1	1	—	—	—	—
Totals ...	414	360	54	17	13	16

Country Milk in course of delivery at railway station	...	55
On Milk rounds Sunday mornings	...	97
„ „ Weekdays	...	251
Total	...	403

TABLE IX.—FOOD AND DRUGS ACTS.

Particulars of Samples taken during the sixteen years 1903-1918 inclusive :—

Year.	Number of Samples taken.	Number Genuine.	*Number Adulterated.	Percentage of Adulterated.	Prosecutions.	Total amount of Fines and Costs imposed.
						£ s. d.
1903	294	268	26	8·8	4	5 16 0
1904	354	317	37	10·5	6	30 15 0
1905	356	320	36	10·0	8	36 13 6
1906	400	351	49	12·3	6	15 12 0
1907	448	413	35	7·8	13	86 8 0
1908	438	384	54	12·0	19	40 12 6
1909	455	424	31	6·8	7	55 13 0
1910	480	431	49	10·2	13	33 3 0
1911	501	436	65	12·9	6	18 8 6
1912	525	473	52	9·9	13	35 10 0
1913	535	497	38	7·1	4	37 14 4
1914	526	464	62	11·8	14	42 13 6
1915	504	427	77	15·2	18	105 11 0
1916	388	297	41	12·1	22	85 3 6
1917	356	305	51	14·3	16	227 11 0
1918	414	360	54	13·0	17	175 13 6

* The term adulterated includes samples found to be not up to standard.

TABLE X
METEOROLOGICAL RECORD—YEAR 1918.

Rain Gauge 5-in. in diameter, 1-ft. above ground, 146-ft. above sea level. Temperature taken in the shade of a Stevenson's Screen, 4-ft. from the ground. The Ground Thermometer is suspended in an iron tube, the bulb being 4-ft. *below* the level of the ground.

Months 1918.	Temperature of Air during the Month.				Mean Temperature of Air.	Difference from average 50 years at Greenwich.	Mean Temperature of Ground at 4-ft.	Mean Temperature of the Dew Point.	Mean Tensional Difference between Ground and Dew Point	Rainfall.		
	Highest.	Lowest.	Mean of							No. of Days on which Rain fell.	Amount in Inches.	Difference from average, 90 years at Greenwich
			All Highest.	All Lowest.								
January ..	56°	17°	44°·2	33°·5	38°·8	+ 0°·3	40°·8	36°·4	— ·040	16	in. 3·18	in. + 1·39
February..	58°	22°	49°·6	38°·2	43°·9	+ 4°·4	42°·6	40°·8	— ·018	13	0·98	— ·58
March ..	70°	26°	53°·5	35°·2	44°·3	+ 2°·6	42°·8	39°·9	— ·029	9	0·99	— ·52
April ..	65°	31°	52°·5	38°·4	45°·4	— 1°·8	44°·6	40°·7	— ·041	21	4·17	+ 2·57
May ..	87°	40°	69°·9	47°·7	58°·8	+ 5°·7	50°·1	49°·9	— ·002	10	2·00	+ ·13
June ..	81°	38°	68°·6	47°·2	57°·9	— 1°·5	54°·5	48°·4	— ·085	9	0·83	— 1·20
July ..	82°	46°	72°·6	53°·0	62°·8	+ 0°·3	56°·9	54°·6	— ·037	18	5·87	+ 3·46
August ..	88°	47°	72°·5	53°·9	63°·2	+ 1°·6	58°·4	55°·8	— ·043	12	0·92	— 1·46
September	73°	38°	65°·0	50°·9	57°·9	+ 0°·7	56°·6	51°·7	— ·075	22	4·16	+ 1·96
October ..	65°	32°	56°·4	43°·6	50°·0	0°·0	52°·2	46°·7	— ·072	18	1·61	— 1·12
November	59°	29°	49°·6	36°·4	43°·0	— 0°·2	48°·2	39°·9	— ·092	19	2·49	+ 2·20
December	60°	28°	49°·7	41°·4	45°·5	+ 5°·8	47°·0	43°·0	— ·046	23	2·58	+ ·64
Means and Totals for the Year.	88° Aug. 22 87° May 21 on Jan. 9th	17°	58°·7	43°·3	51°·0	+ 1°·5	49°·6	45°·6	— 0·048	190	29·78	+ 5·50

The Rainfall for the Year was 3·68 inches *above* the average of 50 years at Croydon, and the number of days on which it rained was 190 or 27 days *above* the average.

GEO. CORDEN, F.R. Met. Soc.,
Croydon.

TABLE XI.

Prevailing direction of the Wind at Croydon in 1918.

Number of Days each Month.

1918.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	N.
January	3	1	0	13	10	0	3	1
February	1	2	4	7	7	6	0	1
March	6	6	0	6	5	3	1	4
April	6	1	2	0	5	2	1	13
May	7	7	2	3	4	3	2	3
June	4	2	1	3	5	8	7	0
July	1	0	2	9	8	5	4	2
August	0		1	6	7	11	1	2
September	0	3	1	3	11	10	2	0
October	1	3	0	7	9	5	2	4
November	4	3	3	5	10	4	1	0
December	0	0	2	10	11	6	1	1
TOTALS	33	31	18	72	92	63	25	31
	64		90		155		56	

The 10 years average 1867 to 1876, as embodied in Paper on 10 years Meteorology at Croydon, read to the Croydon Microscopical and Natural History Club, was :—

N.E. and E. Winds, yearly average	...	...	93.7
S.E. and S. "	"	"	63.7
S.W. and W. "	"	"	131.9
N.W. and N. "	"	"	73.8

GEO. CORDEN, F.R. Met. Soc.,
Croydon.

Detailed Analysis of Expenditure under all Heads for the Year ending March 31st, 1919, and ten preceding Years.

Year ending March.	Average No. of Patients.	Provisions.				Alcohol.				Surgery and Dispensary.				Domestic, including Coal and Gas.				Establishment and Miscellaneous Charges.								Salaries and Wages.				Total Average Cost per Bed occupied.	Sinking Fund and Interest.	Total Average Cost per Bed occupied, including Sinking Fund & Interest.																						
		Total.	Average Cost per Bed occupied.			Total.	Average Cost per Bed occupied.			Total.	Average Cost per Bed occupied.			Total.	Average Cost per Bed occupied.			Establishment Charges and Repa rs.	Miscellaneous Charges.			Total.	Average Cost per Bed occupied.			Medical Dispensing, Nursing & other.	Average Cost per Bed occupied.						Total Ordinary Expenditure.																					
		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.																				
1909	133	2586	11	8	19	9	0	13	5	10	2	0	501	10	8	3	15	4	1697	9	4	12	15	3	1260	10	11	128	18	10	1389	9	9	10	9	0	2361	9	5	17	15	1	8549	16	8	64	8	5	2101	10	9	80	1	8
1910	127	2523	3	7	19	17	6	6	7	4	1	0	430	13	11	3	7	9	1764	9	10	13	17	10	1363	17	10	460	9	4	1824	7	2	14	7	3	2220	4	3	17	9	7	8769	6	1	69	0	11	2101	10	9	85	11	11
1911	134	2696	1	8	20	2	5	3	8	9	0	6	487	19	3	3	12	10	1703	9	8	12	14	3	1179	17	10	387	16	5	1567	14	3	11	14	0	2364	7	10	17	12	11	8823	1	5	65	16	11	2206	10	9	82	6	3
1912	134	2886	19	10	21	10	11	10	17	0	1	7	618	10	10	4	12	4	2062	18	3	15	7	10	2250	5	2	385	9	1	2635	14	3	19	13	4	2527	15	4	18	17	4	10742	15	6	80	3	4	2721	17	3	100	9	7
1913	134	3047	0	5	22	14	10	10	19	10	1	7	729	8	10	5	8	10	2215	6	11	16	10	8	1959	0	10	467	17	1	2426	17	11	18	2	3	2726	0	4	20	6	10	11155	14	3	83	5	0	2774	12	0	103	19	1
1914	143	3279	12	2	22	18	8	14	12	0	2	1	574	19	8	4	0	4	2467	3	4	17	5	12	2406	1	5	306	4	5	2712	5	10	18	19	4	2970	8	9	20	15	5	12019	1	9	84	11	0	3058	16	9	105	8	9
1915	131	3455	18	1	26	7	7	17	15	9	2	8	410	5	2	3	2	8	2530	5	8	19	6	4	2433	0	9	558	9	2	2991	9	11	22	16	8	2984	17	9	22	15	9	12390	12	4	94	11	8	3095	5	0	118	4	3
1916	96	3628	19	3	37	16	1	23	7	4	4	10	439	4	3	4	11	6	2566	10	8	26	14	8	1709	12	8	498	11	5	2208	4	1	23	0	1	2937	19	8	30	12	1	11804	5	3	122	19	3	3156	3	8	155	16	9
1917	93	3393	18	2	36	9	10	12	11	6	2	8	451	11	11	4	17	2	2713	3	4	29	3	6	1368	1	2	742	7	11	2110	9	1	23	13	10	2751	17	11	29	11	10	11433	11	11	122	18	10	3184	16	3	157	3	9
1918	84	3735	0	1	44	9	3	26	4	8	6	3	556	1	4	6	12	5	3303	3	8	39	6	6	1477	15	9	761	3	8	2238	19	5	26	13	1	2759	0	4	32	16	11	12618	9	6	150	4	5	3177	7	5	188	0	11
1919	92	4261	15	6	46	6	6	33	10	0	6	7	745	19	0	8	2	2	3977	4	7	43	4	7	1489	6	1	723	13	0	2212	19	1	24	1	1	3080	6	11	33	9	8	14308	15	1	155	10	7	3167	12	6	189	19	2
		£ s. d. Receipts, 1918-19, from various sources ... 3488 1 8																																																				



TUBERCULOSIS WORK.

General Survey of Cases dealt with through the Dispensary
and work done in connection with them.

TABLE T. 1.

Table showing origin of Cases seen at the Dispensary for the first
time in 1918.

Cause of person attending Dispensary.	Insured.				Uninsured.*				Grand Total.
	Men.	Women	Child'n	Total.	Men.	Women	Child'n	Total.	
(1) <i>Referred by local doctors or hospital for diag- nosis, treatment or advice†</i>	155	76	...	231	27	72	91	190	421
(2) <i>Ditto ditto by School Medical Officers & from Infant Clinics.</i>	...	...	...	...	...	4	58	62	62
(3) <i>Ditto ditto from other, chiefly charitable, sources†</i>	13	2	...	15	8	33	51	92	107
(4) <i>Seen as "Contacts"</i> ...	9	9	...	18	1	21	94	116	134
(5) <i>Army Medical Boards</i>	64	...	...	64	24	...	...	24	88
	241	87	...	328	60	130	294	484	812

* This includes dependents of insured persons

TABLE T. 2.

Table showing the way in which new cases were dealt with
in 1918.

	Insured.				Uninsured.				Grand Total
	Men.	Women	Child'n	Total.	Men.	Women	Child'n	Total.	
(1) <i>Diagnosed as tubercu- lous:</i>									
(a) <i>Treated through the Dispensary</i> ...	143	50	...	193	24	49	27	100	293
(b) <i>Treated elsewhere...</i>	36	10	...	46	21	18	28	67	113
(2) <i>Diagnosis not settled— Kept under observa- tion</i>	30	1	...	31	6	12	149	167	198
(3) <i>Diagnosed not tubercu- lous</i>	32	26	...	58	9	51	90	150	208
	241	87	...	328	60	130	294	484	812

TABLE T. 3.

Table showing details of Medical Examinations made by the Medical Officer to the Tuberculosis Dispensary, 1918.

Period. 1918.	Total Medical Examinations made.						Grand Total.	New Cases Examined.		
	At the Dispensary.			Patients Houses.				Insured.	Non- Insured.	Total.
	Insured.	Non- Insured.	Total.	Insured.	Non- Insured.	Total.				
Jan. 1st to March 31st	466	1675	2141	21	32	53	2194	62	117	179
April 1st to June 30th	590	1751	2341	22	32	54	2395	96	137	233
July 1st to Sept. 30th	628	1219	1847	18	27	45	1892	103	104	207
Oct. 1st to Dec. 31st	481	1399	1880	8	25	33	1913	39	92	131
Totals	2165	6044	8209	69	116	185	8394	300	450	750

NOTE.—In addition to the medical examinations shown in this table the Medical Officer also visited and examined the tuberculous patients at the Borough Hospital twice weekly throughout the year.

[The average number of examinations made per day (including visits) was 29·3, and the average number of new cases seen per day was 2·6].

The proportion of known tuberculosis in the Borough which is dealt with through the Dispensary continues to be satisfactorily high, as is shown by the following estimate :—

(1) <i>Total Primary Notifications, 1918</i>	...	...	457
(2) <i>Total new cases seen at Dispensary and diagnosed as tuberculous, 1918</i>	...	...	406

Practically all the cases in (2) may be reckoned as included in (1).

Therefore approximately 89 per cent. of the cases notified in the Borough in 1918 were seen by the Medical Officer to the Tuberculosis Dispensary.

In 1918 293 new cases were treated through, as well as being seen, at the Dispensary.

SANATORIUM AND HOSPITAL TREATMENT:

TABLE T. 4.
SUMMARY OF CASES TREATED AT SANATORIA,
1918.

	M.	W.	C.	Tl.
(A) Persons in Sanatoria on Jan. 1st, 1918	25	19	9	53
(B) Persons who were admitted to and discharged from Sanatoria during 1918	80	46	6	132
(C) Persons who were admitted to and died at Sanatoria during 1918	—	1	—	1
(D) Persons in Sanatoria on December 31st, 1918	27	18	9	54

Note.—One woman and two children appear in (A) and (D).

(i.) The total individuals *receiving treatment in Sanatoria* during 1918 is therefore [A + B + C + D—3].

<i>Men</i>	132	} 239
<i>Women</i>	...	...	...	...	83
<i>Children</i>	...	...	...	...	24

(ii.) The total individuals *sent to Sanatoria* in 1918 is [B + C + D—3].

<i>Men</i>	107	} 184
<i>Women</i>	...	...	...	...	64
<i>Children</i>	...	...	...	...	13

Remarks.

(i.) 114 men and 51 women were "insured persons." Of the insured men 61 were ex-service men.

(ii.) 11 of the children were boys and 13 were girls.

TABLE T. 5.
SUMMARY OF CASES TREATED AT THE
BOROUGH HOSPITAL, 1918.

	M	W	C.	Tl.
(A) Persons at the Borough Hospital on Jan. 1st, 1918	7	6	—	13
(B) Persons who were admitted to and discharged from the Borough Hospital during 1918 ...	14	—	—	14
(C) Persons who were admitted to and died at the Borough Hospital during 1918 ...	6	2	—	8
(D) Persons at the Borough Hospital on Dec. 31st, 1918	8	5	—	13

Note.—Three women appear in both (A) and (D).

Total individuals *receiving treatment* at the Borough Hospital in 1918 is $A + B + C + D - 3$:

<i>Men</i> ...	35	} 48
<i>Women</i> ...	13	

and total individuals admitted to the Borough Hospital in 1918 is $B + C + D - 3$:

<i>Men</i> ...	28	} 35
<i>Women</i> ...	7	

Remarks:

- (i.) 31 men and 8 women were "insured persons." Of the insured men 14 were ex-service men.
- (ii.) 3 men in Class A died at the Borough Hospital during 1918, and 2 women.

WORK OF THE BOROUGH HOSPITAL.

The total nominal accommodation at the Borough Hospital is 170 beds.

The following table shows the highest and lowest number of beds occupied on any one night during each month of the year 1918.

TABLE H. I.

Month.	Beds Occupied.		Month.	Beds Occupied.	
	Highest.	Lowest.		Highest.	Lowest.
January ..	121	101	July	105	72
February ..	131	103	August	75	44
March	108	88	September ..	68	41
April	124	109	October	102	62
May	119	94	November ..	106	94
June	111	97	December ..	106	85

During 1918 the average daily number of cases under treatment amounted to 93·8 as compared with 75·5 of the previous year.

The following table gives the total number admitted from the Borough and other Districts during the year 1918.

TABLE H. II.

Districts.	Remaining at end of 1917.	Admitted during 1918.	Discharged during 1918.	Died during 1918.	Remaining at end of 1918.
Crystal Palace (Royal Naval Division) ...	6	28	26	6	2
Penge Urban D.C., non- pauper cases	6	26	31	0	1
The Borough of Croydon	95	657	607	53	92
Total ..	107	711	664	59	95

The following table shows the comparative admissions during 1918 and previous years.

TABLE H. III.

	Cases admitted during 1908.	Cases admitted during 1909.	Cases admitted during 1910.	Cases admitted during 1911.	Cases admitted during 1912.	Cases admitted during 1913.	Cases admitted during 1914.	Cases admitted during 1915.	Cases admitted during 1916.	Cases admitted during 1917.	Cases admitted during 1918.
Scarlet Fever.. ..	497	608	624	381	365	417	653	413	295	201	386 (1)
Diphtheria	354	292	222	430	600	402	211	200	313	207	179 (2)
Cerebro Sp. Meningitis	—	—	—	—	—	—	—	67	24	38	23 (3)
Pulmonary Phthisis ..	—	—	—	—	—	48	56	61	44	40	37 (4)
Enteric Fever	59	11	15	18	16	28	15	13	10	6	13 (5)
Puerperal Fever	—	—	—	—	—	1	2	4	2	2	1 (6)
Morbilli	—	—	—	—	—	—	—	9	17	25	17 (7)
Rubella	—	—	—	—	—	—	—	—	—	12	2 (8)
Mumps	—	—	—	—	—	—	—	—	—	20	6 (9)
Erysipelas	—	—	—	—	—	—	—	—	—	18	10 (10)
Other diseases	31	45	47	29	25	6	10	11	33	10	37 (11)
Total	941	956	908	858	1006	902	947	778	738	579	711

(1) Includes 1 case of Diphtheria.

.. 1 case of Lues.

.. 1 case of Pleurisy.

.. 1 case of Scabies.

.. 1 case of Rubella.

.. 2 case of Morbilli.

.. 1 case of Mumps.

.. 1 case of Varicella.

.. 1 case of No disease.

(2) .. 1 case of Varicella.

.. 7 cases of No disease.

.. 3 cases of Sore Throat.

.. 3 cases of Scarlet Fever.

.. 1 case of Ulcerated Throat.

.. 1 case of Quinsy.

(3) .. 1 case of Pneumonia.

.. 1 case of Tubercular Meningitis.

.. 1 case of No disease.

(4) .. 1 case of Tumour of Lungs.

.. 2 cases of Malignant disease of Lungs.

(5) .. 1 case of Gastritis.

(7) .. 1 case of Rubella.

.. 1 case of Tuberculosis.

(8) .. 1 case of Scarlet Fever

(9) .. 1 case of Parotitis,

(10) .. 1 case of Pneumonia.

(11) .. 1 case of Influenza,

The following table gives the number of patients admitted for each disease, an analysis of the admissions, and the number discharged or who have died in the year 1918:—

TABLE H. IV.

Disease.	Remaining at end of 1917.	Admitted during 1918.	Discharged during 1918.	Died during 1918.	Remaining at end of 1918.
Scarlet Fever	42	376	347	8	63
Admitted to Hospital as Scarlet Fever and found to be other disease ...	2	8	10	...	...
Admitted to Hospital for observation (including contact)	1	2	3	...	...
Diphtheria	38	158	162	21	13
Admitted as Diphtheria and found to be other disease	5	16	21	..	...
Admitted for observation (including contact)	3	5	8	...	...
Cerebro-Spinal Meningitis	1	20	10	8	3
Admitted as Cerebro-Spinal Meningitis and found to be other disease ...	...	2	...	2	...
Admitted for observation (including contact) ... ..	...	1	1	...	...
Enteric Fever ... ..	...	11	10	1	...
Admitted for observation (including contact) ... ..	...	1	1	...	...
Admitted as Enteric and found to be other disease ... ..	...	1	1	...	...
Pulmonary Tuberculosis	11	34	20	12	13
Admitted for Pulmonary Tuberculosis and found to be other disease ...	...	3	2	1	...
Admitted for observation (including contact)	2	...	2	...	...
Puerperal Fever ... ..	...	1	1	...	...
Admitted as Puerperal Fever and found to be other disease ... ..	...	...	...	...	...
Morbilli ... ..	...	15	15	...	...
Admitted as Morbilli and found to be other disease ... ..	...	2	1	1	...
Rubella	1	1	2	...	...
Admitted as Rubella and found to be other disease ... ..	...	1	1	...	...
Erysipelas ... ..	...	9	8	...	1
Admitted as Erysipelas and found to other disease ... ..	...	1	...	1	...
Mumps ... ..	...	5	5	...	...
Admitted as mumps and found to be other disease. ... ..	...	1	1	...	...
Other Diseases	1	37	33	3	2
Totals	107	711	665	58	95

TABLE H v.

The following table gives the fatality for each disease :—

	1911.	1912.	1913.	1914.	1915.	1916	1917.	1918
Scarlet Fever ...	0·7	1·1	·8	·7	·9	1·8	1·0	2·1
Diphtheria ...	8·3	3·6	3·02	6·4	4·02	4·65	4·1	13·2
Enteric Fever ...	11·1	25·0	19·2	20·0	33·3	100·0	0·0	9·0
Cerebro Sp. Fever	—	—	—	—	54·0	13·0	37·9	40·0
Pulmonary Tuber	—	—	12·5	12·6	37·2	40·0	48·6	35·3
Puerperal Fever	—	—	—	—	60·0	100·0	0·0	0·0
Morbilli...	—	—	—	—	11·1	0·0	4·3	0·0
Mumps ...	—	—	—	—	—	—	0·0	0·0
Erysipelas ...	—	—	—	—	—	—	6·5	0·0
Other Diseases ...	—	—	—	—	—	—	11·1	8·0
All Cases ...	5·0	3·2	2·9	3·1	·89	7·2	7·0	8·1

Under other diseases are included :—

					<i>Result.</i>
Morbus Cordis Organus ...	1	...	...	...	Discharged.
Ophthalmic Neonatorum	6	...	...	4	„ (1) died. (1) remains.
Tonsillitis ...	...	...	2	...	2 Discharged.
Varicella ...	...	...	5	...	5 „
Influenza ...	...	...	10	...	10 „
Oedema and Debility	...	...	1	...	1 „
Burn (foot)	...	...	1	...	1 „
Laryngitis ...	...	...	1	...	1 „
Typhoid ...	...	...	1	...	1 died.
Bronchitis ...	...	...	1	...	1 Discharged.
Varicose Veins ...	...	...	1	...	1 „
Nil ...	...	...	4	...	4 „
Pertussis ..	...	...	1	...	1 „
Abscess ...	...	...	1	...	1 „
Suckling ...	...	...	1	...	1 remains.

Notified as Diphtheria or for observation for Diphtheria—

					<i>Result.</i>
Diphtheria ...	2	...	...	...	Discharged.
Diphtheria & Varicella	2	..	...	...	„
Sore Throat ...	3	...	...	...	„
Ulcerated Throat	1	...	...	...	„
Quinsy ...	1	...	...	...	„
Scarlet Fever ...	3	...	...	...	„
No disease observed	9	...	...	...	„

Notified as Scarlet Fever or for observation for Scarlet Fever—

Scarlet Fever	...	2	...	...	Discharged.
Varicella	...	1	...	...	"
Diphtheria	...	2	...	...	"
Mumps	...	1	...	...	"
Morbilli	...	1	...	...	"
Lues	...	1	...	...	"
Rubella	...	1	...	...	"
Rheumatism	...	1	...	...	"

Notified as Cerebro-Spinal Meningitis or for observation for C.S.M.—

Tubercular Meningitis	1	...	...	Died.
Pneumonia	...	1	...	"
No disease	...	1	...	Discharged.

Notified as Pulmonary Tuberculosis or for observation for Pulmonary Tuberculosis—

Tumour of Lungs	1	...	...	Died.
Disease	"	2	...	Discharged.

Notified as Enteric or for observation for Enteric—

Gastritis	...	2	...	Discharged.
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Notified as Morbilli or for observation for Morbilli—

Tuberculosis	...	1	...	Died.
Rubella	...	1	...	Discharged.

Notified as Rubella or for observation for Rubella—

Scarlet Fever	...	1	...	Discharged.
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Notified as Erysipelas or for observation for Erysipelas—

Pneumonia	...	1	...	Died.
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Notified as Mumps or for observation for Mumps—

Parotitis	...	1	...	Discharged.
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TABLE H VI

Illnesses amongst the Staff—

Sore Throat	...	1	...	Discharged.
Aortic Disease	...	1	...	"
Morbilli	...	1	...	"
Diphtheria	...	4	...	"
Abcess	...	1	...	"
Tonsillitis	...	2	...	"
Burns	...	1	...	"
Varicose Veins	...	1	...	"
Laryngitis	...	1	...	"
Bronchiitis	...	1	...	"
Oedema and Debility	...	1	...	"
Influenza	...	10	...	"
Scarlet Fever	...	1	...	"

BOROUGH HOSPITAL LABORATORY REPORT, 1918.*Diphtheria.*

<i>Swabs.</i>	+	—	Total.
Doctors.	60 ...	873 ...	933
M.O.H.	8 ...	591 ...	599
	68	1,464	1,532

Ward Swabs. 1,046.

Miscellaneous Examinations.

	+	—	Totals.
B. Anthrax	0 ...	1 ...	1
Urine for B. Typhoid	0 ...	15 ...	15
Gonococci	1 ...	2 ...	3
Ringworm	1 ...	3 ...	4

1 Swab for organisms present.

2 Cphthalmic Swabs for organisms present.

1 Pleuretic Fluid " " "

1 Blood Film.

Blood Serum.

326 dozen tubes at 3s. 6d. per doz.=£57 1s.

The same economy was practised this year as in the previous year, *i.e.*, both nose and throat swabs of Hospital patients were inoculated on the same tube of media.

Special Media.

500" McConkeys bile salt Agar.

950" Maltose Litmus Media.

750" Glucose " "

1,000" Agar Agar.

1,000" Peptone Broth.

Outfits.

Diphtheria.	Tubercle.	Enteric.	C. S. M.	Total.
1,807	606	29	22	2,464

CEREBRO-SPINAL MENINGITIS.

Results of Examinations for Cerebro-Spinal Meningitis.

1918.	Examinations for Borough.			Examinations for Hospital.			Total.		
	All Examinations.			All Examinations.			All Examinations.		
	+	—	Total	+	—	Total	+	—	Total
January ...	—	—	—	6	1	7	6	1	7
February ...	—	—	—	5	—	5	5	—	5
March ...	1	6	7	2	4	6	3	10	13
April ...	—	—	—	—	1	1	—	1	1
May ...	—	—	—	—	13	13	—	13	13
June ...	—	6	6	—	5	5	—	11	11
July ...	—	—	—	—	—	—	—	—	—
August ...	—	—	—	—	—	—	—	—	—
September ...	—	4	4	—	—	—	—	4	4
October ...	—	—	—	2	2	4	2	2	4
November ...	—	6	6	3	8	11	3	14	17
December ...	1	1	2	2	1	3	3	2	5
First Quarter ...	1	6	7	13	5	18	14	11	25
Second „ ...	—	6	6	—	19	19	—	25	25
Third „ ...	—	4	4	—	—	—	—	4	4
Fourth „ ...	1	7	8	7	11	18	8	18	26
Total ...	2	23	25	20	35	55	22	58	80

TUBERCULOSIS.

Results of Examinations for Tuberculosis.

1918.	Examinations for Borough			Examinations for Hospital.			Total.		
	All Examinations.			All Examinations.			All Examinations.		
	+	—	Total	+	—	Total	+	—	Total
January ...	8	42	50	1	3	4	9	45	54
February ...	7	25	32	1	—	1	8	25	33
March ...	10	24	34	2	4	6	12	28	40
April ...	5	32	37	3	3	6	8	35	43
May ...	12	26	38	2	—	2	14	26	40
June ...	9	33	42	—	1	1	9	34	43
July ...	7	59	66	4	2	6	11	61	72
August ...	6	16	22	—	—	—	6	16	22
September ...	4	19	23	1	4	5	5	23	28
October ...	2	15	17	—	2	2	2	17	19
November ...	6	10	16	1	2	3	7	12	19
December ...	—	23	23	—	1	1	—	24	24
First Quarter ...	25	91	116	4	7	11	29	98	127
Second „ ...	26	91	117	5	4	9	31	95	126
Third „ ...	17	94	111	5	6	11	22	100	122
Fourth „ ...	8	48	56	1	5	6	9	53	62
Total ...	76	324	400	15	22	37	91	346	437

ENTERIC (TYPHOID) FEVER.

Results of Examinations for Diseases simulating Enteric Fever.

1918.	Examinations for Borough.			Examinations for Hospital.			Total.		
	Agglutinative Reactions.			Agglutinative Reactions.			Agglutinative Reactions for all Purposes.		
	+	—	Total	+	—	Total	+	—	Total
January ...	1	—	1	—	—	—	1	—	1
February ...	1	2	3	—	—	—	1	2	3
March ...	—	3	3	—	—	—	—	3	3
April ...	—	7	7	—	—	—	—	7	7
May ...	—	2	2	1	—	1	1	2	3
June ...	—	8	8	—	1	1	—	9	9
July ...	—	4	4	—	1	1	—	5	5
August ...	—	3	3	1	2	3	1	5	6
September ...	1	3	4	—	—	—	1	3	4
October ...	—	1	1	—	—	—	—	1	1
November ...	—	3	3	—	—	—	—	3	3
December ...	—	1	1	—	—	—	—	1	1
First Quarter ...	—	5	7	—	—	—	2	5	7
Second „ ...	2	17	17	1	1	2	1	18	19
Third „ ...	1	10	11	1	3	4	2	13	15
Fourth „ ...	—	5	5	—	—	—	—	5	5
Total ...	3	37	40	2	4	6	5	41	46

PUBLIC HEALTH DEPARTMENT,
TOWN HALL, CROYDON.

26th September, 1919.

To the Education Committee.

LADIES AND GENTLEMEN,

I beg to submit the report of the school medical services in Croydon for the year 1918.

During the year the greatest endeavour has been made to maintain the school medical work at the highest possible level and although the volume of work done is of necessity somewhat less than would be in peace time the quality of the work has certainly been successfully maintained. I am especially pleased to record the successful working of the new clinic for the treatment of tonsils and adenoids. This clinic has thoroughly justified its establishment and forms a very important and valuable addition to our medical services.

A new feature of the report also is the inclusion of the report of the Organiser of Physical Training as advised by the Board's Chief Medical Officer. I would take this opportunity of noting the exceedingly good results which Miss Appleton obtains at the Spinal Remedial Class and feel confident that the importance of the opportunities of physical training in schools cannot be too greatly emphasised as an important contribution to the physical and mental welfare of the children.

At the latter end of the year the Education Committee authorised the doubling of the time of our Dental Surgeons: this it was not possible to give effect to during 1918, but their increased work will be recorded in the Annual Report for 1919.

The incidence of influenza upon Croydon seriously affected the schools, but this is dealt with in the general report on the public health of the Borough.

The report, although mainly tabular, is largely self-explanatory and the opportunity of proper analysis of the school medical work afforded by the return of staff to the department in 1919 will enable a more adequate survey to be made by me in the report for that year.

Yours faithfully,

R. VEITCH CLARK,

*School Medical Officer and Medical Officer of Health
for the County Borough of Croydon.*

REPORT ON SCHOOL MEDICAL WORK.

THE STAFF AND GENERAL ORGANISATION OF THE WORK.

The medical inspection staff consists, as in 1917, of two medicals—one lady and one gentleman—both of whom give only part time to the school work.

SCHOOLS.

No. of Schools and Accommodation.

In 1918 there were in Croydon :

24 provided schools, including 57 departments. Five schools have been taken over for Military hospital purposes, and temporary premises have been rented, so that the accommodation is approximately as in 1917.

14 non-provided schools, including 27 departments. There has not been any change in the accommodation of non-provided schools.

The total provision in 1918 in the borough for elementary school children amounted to 38 schools, with 84 departments.

The number of children on the register on December 31st, 1918, was 25,200, as compared with 25,187 in 1917.

School Buildings and Accommodation.

War Hospitals. The school children displaced by the Military Authorities have been accommodated either in other schools for half-day work or in other buildings. The medical inspections have been carried out normally in every case, although in some schools the accommodation for the work is poor.

Sanitary Work.

The sanitary arrangements of all the schools have been regularly inspected during the year. They have been generally well kept.

TABLE E. 1.
TOTAL NUMBER OF CHILDREN EXAMINED (ROUTINE
EXAMINATIONS) DURING 1918.

Age.	Number of Boys.	Number of Girls.	Total.
3-4	1	—	1
4-5	35	33	68
5-6	492	432	924
6-7	276	264	540
7-8	74	78	152
8-9	132	179	311
9-10	54	36	90
10-11	28	17	45
11-12	39	13	52
12-13	627	687	1314
13-14	198	134	332
14-15	19	7	26
15-16	2	5	7
Total all ages ...	1977	+ 1885	= 3862

TABLE E. II.

Showing total number of children inspected—routine inspections—during 1918, classified according to the schools attended, also number of parents and guardians attending medical inspections and the number of inspections held in each department throughout the year:—

School.	No. of Inspections held.	No. of Children Inspected		No. of Parents or Guardians present.
		BOYS.	GIRLS.	
COUNCIL SCHOOLS :—				
Beulah Road School (All departments)	6	113	—	69
" " " " " "	6	—	75	56
Boston Road	5	71	—	34
" " " " " "	3	—	60	20
Brighton Road	5	73	—	39
" " " " " "	6	—	93	48
Davidson Road	6	109	—	61
" " " " " "	5	—	73	47
Dering Place	4	52	—	29
" " " " " "	4	—	38	28
Ecclesbourne Rd.	7	102	—	37
" " " " " "	6	—	88	48
Ingram Road	6	89	—	49
" " " " " "	5	—	65	47
Mitcham Road	5	70	—	34
" " " " " "	6	—	98	47
Oval Road	4	43	—	31
" " " " " "	4	—	56	33
Portland Road	11	178	—	100
" " " " " "	10	—	148	104
Princess Road	4	70	—	25
" " " " " "	5	—	82	28
South Norwood	10	185	—	103
" " " " " "	11	—	126	77
Stanford Road	3	51	—	36
" " " " " "	4	—	63	46
Sydenham Road	6	82	—	40
" " " " " "	5	—	57	41
Tamworth Road	1	25	—	3
Tavistock Grove	2	34	—	14
" " " " " "	2	—	34	8
Upper Norwood	4	65	—	37
" " " " " "	3	—	34	23
Whitehorse Rd.	1	16	—	14
" " " " " "	2	—	36	19
Winterbourne Rd.	5	75	—	62
" " " " " "	7	—	81	66
Woodside	11	166	—	111
" " " " " "	12	—	190	120
Elmwood Hall	1	8	—	1
" " " " " "	1	—	13	7
Totals	214	1677	1510	1842

COUNCIL (NON-PROVIDED) SCHOOLS:—

All Saints' School (All Departments)	1	8	—	3
" " " " " " " "	1	—	21	13
Christ Church " " " "	1	27	—	15
" " " " " " " "	1	—	16	7
Parish Church " " " "	3	40	—	29
" " " " " " " "	6	—	106	68
St. Andrew's " " " "	4	59	—	21
" " " " " " " "	3	—	54	29
St. Joseph's " " " "	1	18	—	9
" " " " " " " "	1	—	—	—
St. Mark's " " " "	1	11	—	8
" " " " " " " "	3	—	43	25
St. Mary's " " " "	2	38	—	7
" " " " " " " "	2	—	32	16
St. Michael's " " " "	1	26	—	20
" " " " " " " "	1	—	26	14
Arch. Tenison's and St. Peter's " " " "	4	61	—	41
" " " " " " " "	4	—	61	47
Shirley " " " "	1	12	—	4
" " " " " " " "	1	—	16	7
Totals (for Non-Provided) ...	42	300	375	383
Totals (for Provided) ...	214	1677	1510	1842
Totals (for Provided and Non-Provided) ...	256	1977	1885	2225
		3862		

In addition to these 3,862 children examined as *Routine* cases, }
 522 children were *re-examined*, } Total 4511.
 and 127 children were *specialty examined*. }

This does not include the special examinations done at the Treatment Centre nor at the Clinics.

ATTENDANCE OF PARENTS OR GUARDIANS.

The latter were present to the number of 2,225 for 3,862 children examined,

i.e., 57·6 per cent.,

compared with 56·4 per cent. for the year 1917.

DIRECTIONS TO PARENTS.

In 2,141 instances written and verbal directions, while in 2,762 instances printed directions, were given to parents.

TABLE E III.

Shewing at each age the number of boys and girls inspected at each school; also the number of boys and girls re-inspected and specially inspected at each school.

COUNCIL SCHOOLS.		ROUTINE INSPECTIONS.													Re-Inspected.	Specially Inspected.	Total.
		Ages:—	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15				15-16
Beulah Road	Boys	...	9	17	11	5	2	3	2	1	54	9	...	...	5	4	122
"	Girls	...	4	24	10	11	5	...	...	...	17	4	...	...	5	2	82
Boston Road	Boys	...	...	21	...	...	1	1	...	...	28	18	2	...	23	...	94
"	Girls	...	...	19	...	...	...	...	...	...	39	2	...	...	15	5	80
Brighton Road	Boys	...	7	14	6	...	5	5	...	...	28	8	...	...	19	3	95
"	Girls	...	4	22	6	2	1	...	...	1	57	...	...	...	18	3	114
Davidson Road	Boys	1	5	17	15	1	3	2	...	...	61	4	...	...	11	7	127
"	Girls	...	2	9	14	...	6	8	...	1	30	3	...	...	12	15	100
Dering Place	Boys	...	...	2	6	...	...	...	...	...	36	7	1	...	10	6	68
"	Girls	...	...	8	8	...	5	3	...	...	10	4	...	...	11	7	56
Ecclesbourne Road	Boys	...	...	13	14	2	1	...	...	3	54	15	...	...	10	4	116
"	Girls	...	...	25	13	3	1	...	...	1	32	10	...	3	8	...	96
Ingram Road	Boys	...	...	31	15	4	1	...	...	3	32	5	...	...	10	1	100
"	Girls	...	3	25	8	2	...	...	...	...	23	4	...	...	5	...	70
Mitcham Road	Boys	...	5	35	2	...	...	...	...	1	19	8	...	...	34	1	105
"	Girls	...	6	28	14	...	...	...	...	...	50	...	...	...	11	...	109
Oval Road	Boys	...	...	15	20	5	3	...	...	...	...	...	...	...	9	2	54
"	Girls	...	...	11	15	6	2	5	...	...	16	1	...	...	11	5	72
Portland Road	Boys	...	...	39	12	3	25	18	...	...	67	14	...	...	20	3	201
"	Girls	...	...	33	11	5	45	5	1	1	43	3	1	...	13	2	163
Princess Road	Boys	...	...	30	15	5	5	...	6	...	3	6	...	...	9	2	81
"	Girls	...	2	10	7	3	4	3	2	3	10	38	...	...	3	...	85
South Norwood	Boys	...	3	62	13	6	15	1	...	12	70	3	...	...	19	10	214
"	Girls	...	3	45	21	3	13	1	...	1	30	9	...	...	9	1	136
Stanford Road	Boys	...	...	17	9	2	...	...	...	...	17	4	2	...	...	3	54
"	Girls	...	...	18	5	...	...	...	...	...	30	7	3	...	8	...	71
Sydenham Road	Boys	...	...	34	22	2	...	...	...	...	11	13	...	...	18	...	100
"	Girls	...	...	26	29	1	1	...	...	...	...	...	...	...	13	2	72
Tamworth Road	Boys	...	...	...	...	...	...	...	...	...	3	10	10	2	8	...	33
Tavistock Grove	Boys	...	...	3	7	...	...	...	...	...	6	18	...	...	5	...	39
"	Girls	...	...	1	6	...	...	...	...	...	26	1	...	...	6	...	40
Upper Norwood	Boys	...	6	17	10	5	1	3	2	2	7	12	...	...	4	...	69
"	Girls	...	7	11	11	5	...	...	...	...	...	...	...	...	2	...	36
Whitehorse Road	Boys	...	...	1	12	2	1	...	...	...	...	...	...	...	...	...	16
"	Girls	...	...	2	5	3	...	1	...	...	23	2	...	...	...	...	36
Winterbourne Road	Boys	...	...	29	15	5	...	...	...	...	24	2	...	...	8	1	84
"	Girls	...	...	30	14	6	7	2	...	...	19	3	...	...	2	...	83
Woodside	Boys	...	...	38	9	12	30	5	...	...	59	12	1	...	28	3	197
"	Girls	...	...	24	20	10	35	1	4	2	86	18	...	...	3	14	207
Elmwood Hall	Boys	...	...	...	...	...	5	...	3	...	...	...	...	...	...	...	8
"	Girls	...	...	...	...	...	5	...	8	...	...	...	...	...	4	...	17
Totals (Council Schools)		1	66	806	430	119	228	67	28	32	1120	265	20	5	409	106	3702

TABLE E III. *continued.*

COUNCIL (NON-PRO-VIDED) SCHOOLS.		ROUTINE INSPECTIONS.													Re-Inspected.	Specially Inspected	Total.
Ages:—		3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16			
All Saints'	Boys	...	...	...	...	...	8	...	...	...	1	...	...	...	...	...	9
"	Girls	...	...	...	...	2	12	...	1	...	...	3	1	1	...	...	20
Christ Church	Boys	...	...	...	...	...	...	...	...	...	19	8	...	...	...	...	27
"	Girls	...	...	...	...	...	...	...	...	...	16	...	...	...	12	...	28
Parish Church	Boys	...	...	17	19	4	...	...	...	...	...	...	...	...	...	6	46
"	Girls	...	...	14	18	8	7	1	...	1	45	11	1	...	5	2	113
St. Andrew's	Boys	...	...	7	5	2	6	9	3	...	14	10	3	...	15	1	75
"	Girls	...	...	2	6	...	9	1	1	...	34	1	...	...	5	6	65
St. Joseph's	Boys	...	...	...	...	...	7	1	...	...	3	7	...	...	...	...	18
"	Girls	...	...	...	...	...	...	...	...	...	...	...	...	...	5	1	6
St. Mark's	Boys	...	...	9	2	...	...	...	...	...	...	...	...	...	1	...	12
"	Girls	...	2	19	4	2	1	...	...	2	3	9	1	...	22	...	65
St. Mary's	Boys	...	...	7	8	...	9	1	...	9	3	1	...	...	2	3	43
"	Girls	...	...	5	5	1	10	1	...	...	4	6	...	...	11	1	44
St. Michael's	Boys	...	...	7	11	5	2	...	...	1	...	...	...	...	...	...	26
"	Girls	...	...	...	...	...	...	1	...	...	25	...	...	...	8	...	34
Archbishop Tenison's	Boys	...	...	10	18	4	...	5	12	7	4	1	...	...	4	...	65
" "	Girls	...	...	21	14	5	4	3	...	...	13	...	...	1	16	...	77
Shirley	Boys	...	...	...	...	...	2	...	...	...	5	5	...	...	2	...	14
"	Girls	...	...	...	...	...	6	...	...	...	5	5	...	...	5	1	22
Totals Non-Prov. Schools		...	2	118	110	33	83	23	17	20	194	67	6	2	113	21	809
Grand Totals ...		1	68	924	540	152	311	90	45	52	1314	332	26	7	522	127	4511

TABLE E IV.

Age	Number Enrolled	Persons or Guardians Present	Total Number in whom Defects Found	Status of Defects																				Number Deformed	Number Specialty Deformed																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Wear of Glasses				Clothing		Vision		Teeth		Tonsils	Gravels	Ear Trouble			Long Trouble		Indolence and Special Dis.		Commence Defects			If employed	Written and Verbal directions to Pupils.		Personal direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Hears		Does		Classing		Defect Size Found		One to Four				More than Four		Almonds present	Ear Discharge	Deafness	Mental Defect	Monthly Normal					Speech Defect	Phibias		Neurotic	Other Long Defects	Special Characters	Other Deficiencies	General Health Advice	Treatment																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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GENERAL RESULTS OF ROUTINE MEDICAL INSPECTIONS.

HEIGHTS AND WEIGHTS.

The following table gives the averages of the children examined at three age periods in ten of the schools in Croydon:—

Age.	Average Height in Inches.		Average Weight in Pounds.	
	Boys.	Girls.	Boys.	Girls.
5	41·7	40·9	39·7	37·4
8	48·4	39·	52·9	39·7
13	56·3	56·7	72·8	77·2

WANT OF CLEANLINESS.

Of 3,862 children examined, 18 had vermin in their heads.

“ “ 335 “ nits “ “

“ “ 44 “ dirty heads apart from vermin

Proportion of children with head vermin = 0·46 per cent

“ “ “ nits = 8·6 “

Of 3,862 children examined, 25 had vermin of the body, = 6·4 per cent., and 36 had dirty bodies.

CLEANSING STATION.

During the year 3 children have had to be cleansed on account of verminous conditions of scalp or body or both.

CLOTHING.

Children with insufficient clothing = 48 = 1·2 per cent.

“ dirty “ “ 19 “ 0·5

“ defective footgear “ 65 “ 1·6

MALNUTRITION.

114 cases occurred = 2·9 per cent.

Percentage for 1917 = 5·7 “

EYE DISEASES.

External eye diseases were present in 42 cases.

549 children had sub-normal vision.

Reference to the ophthalmic specialist of eye cases has been systematically made when necessary, as in previous years.

TONSILS AND ADENOIDS.

Tonsils were markedly enlarged in 193 cases, and slightly in 246.
145 children were found to have adenoids.

GLANDS.

Glands were markedly enlarged in 174 cases and slightly in 6

All marked tubercular cases have as heretofore been referred to the Tuberculosis Dispensary for supervision and treatment.

EAR DISEASE.

This was noted in 18 cases, and 26 children suffered from deafness.

DEFORMITIES.

Curvature of the spine was found in 35 cases. Other deformities amounted to 63.

AFFECTIONS OF THE HEART were found in 254 cases.

LUNG DISEASES.

Affections of the lung were found in 207 cases. Of these :

52 children had bronchial catarrh,

142 , , other conditions of the lung,

13 , , pulmonary tuberculosis.

MENTAL CONDITIONS.

13 children were classified as mentally sub-normal, and 9 as mentally defective.

DENTAL DEFECTS.

The prevalence of dental trouble is shown in the following table :—

TABLE E. VII.
BOYS.

Age Group.	1-4 Decayed Teeth.	Over 4 Decayed Teeth.	Number with sound Teeth.	Percent'ge with sound Teeth.
3-4	...	..	1	100·0
4-5	11	6	18	51·4
5-6	184	125	188	37·2
6-7	124	82	70	25·3
7-8	35	20	19	25·6
8-9	63	42	27	20·4
9-10	23	11	20	37·0
10-11	19	2	7	25·0
11-12	13	6	20	57·2
12-13	307	53	267	42·5
13-14	89	17	92	46·4
14-15	5	3	11	57·8
15-16	1	...	1	50·0
Totals ...	874	367	736	37·2

GIRLS.

4-5	8	4	21	63·3
5-6	171	99	162	37·5
6-7	108	84	72	27·2
7-8	34	27	17	21·7
8-9	88	46	45	25·1
9-10	22	8	6	16·6
10-11	9	3	5	29·4
11-12	4	9	...	...
12-13	307	57	323	47·0
13-14	70	12	52	38·8
14-15	4	...	3	42·8
15-16	3	2	...	...
Totals ...	828	351	706	37·4

MENTAL DEFICIENCY.**SPECIAL EXAMINATION OF CHILDREN FOR MENTAL DEFICIENCY.**

No. of new cases examined	53
„ new cases certified	36
„ cases found not to be mentally defective ...	14
„ cases under observation	3
„ cases returned to ordinary school	—
„ cases transferred to Statutory Committee ...	10
„ cases examined for the second or third time ...	45

The number of children at the special school for mental defectives during 1918 is given below.

GRANGEWOOD SPECIAL SCHOOL.

On Register, 31st December, 1917	27
Admitted to class during 1918	27
Discharged and re-admitted to Council Schools, 1918	none
Discharged for unsuitability	5
Left the Borough	5
On Register, December 31st, 1918	44

THE WORK OF THE OPHTHALMIC SURGEON.

The number of refractions done in 1918 was 494; in 1917 the number was 743.

The total number of children examined for eye trouble in 1918 was 531, as contrasted with 761 in 1917.

The following is a summary of the cases seen in the eye clinic at the Town Hall:—

Total No. of children examined	531
„ „ „ attendances ...	1207

TABLE E. viii.

<i>Children refracted</i>	479
Glasses were ordered for	303
Glasses not needing changing	58
Glasses needed changing	9
Glasses not advised at present	60
Glasses—normal vision	49
	<u>479</u>

Glasses were needed and ordered as follows:—

Myopia	77
Myopic Astigmatism	25
Hypermetropia	84
Hypermetropic Astigmatism	52
Mixed Astigmatism	4
Anisometropia	16
Strabismus, internus	38
„ externus	2
„ alternating	4
„ periodic	1

Of the glasses ordered 87 were urgently needed and were as follows:—

Myopia	19
Myopic Astigmatism	4
Hypermetropia	6
Hypermetropic Astigmatism	12
Mixed Astigmatism	1
Strabismus, internus	38
" externus	2
" alternating	4
" periodic	1
	<hr/>
	87

Other diseases treated and advised, were:—

Conjunctivitis	107
" contagious	4
" tubercular	1
Blepharitis	31
Dermoid	1*
Phlyctenula	18
Ulcer of cornea	18
Nebula	13
Hordeolum	6
Tubercle	1
Nystagmus	8
Interstitial Keratitis	12
Keratitis	5†
Ectropion R.E.	1
Pannus	1
Pseudo diplopia	1
Pigmentary retinitis	2
Kerato-iritis	1
Excision of post-wall of canaliculus	7
Limoma and congenital lens opacities	1‡
Optic neuritis	1
Paresis L. exter-rectus	1
Dacryo cystitis	2
Strabismus internus	2§
Epiphora	3
Coloboma R.E.	1
Cataract, L.E.	2
" lamellar	1
Lenticular opacities	1
Nebula from ophthalmia neonatorum	1
Dark glasses ordered	1
Aphia	1
Eczema	2
Nictitatio	1
Retino choroiditis	1
	<hr/>
Total	259

* Removed at the Croydon General Hospital.

Hospital advised in 1 case.

† Institution advised.

§ Hospital advised (operation in 1 case).

THE WORK OF THE SCHOOL DENTISTS.

TABLE E. ix.

Dental Inspection of Schools

School.	Children Examined.			Teeth all sound.		Teeth Defective.		Percent'ge with Sound Teeth.	
	Boys.	Girls	Total.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
St. Andrew's Old Town ...	11	12	23	3	2	8	10	27'2	16'6
St. Peter's ...	26	38	64	2	1	24	37	7'7	2'6
Parish Church ...	48	58	106	10	7	38	51	20'8	12'0
Davidson Road ...	15	17	32	1	2	14	15	6'6	11'7
Tavistock Grove ...	38	29	67	9	4	29	25	23'7	13'8
St. Mary's ...	7	20	27	...	3	7	17	...	15'0
Oval Road ...	8	22	30	2	3	6	19	25'0	13'6
Mitcham Road ...	49	36	85	5	7	44	29	10'2	19'4
Christ Church, Longley Rd.	17	8	25	2	...	15	8	11'7	...
Woodside ...	45	60	105	5	10	40	50	11'1	16'6
South Norwood ...	58	39	97	7	4	51	35	12'0	10'2
Brighton Road ...	34	30	64	1	5	33	25	2'9	16'6
Dering Place ...	20	14	34	9	5	11	9	45'0	35'7
St. Andrew's ...	28	27	55	6	6	22	21	21'4	22'2
Boston Road ...	30	28	58	9	4	21	24	30'0	14'2
Christ Church, Boston Rd.	27	27	54	6	4	21	23	22'2	14'8
Whitehorse Road ...	51	49	100	7	6	44	43	13'7	12'2
St. Michael's ...	6	8	14	1	1	5	7	16'6	12'5
Stanford Road ...	20	17	37	4	2	16	15	20'0	11'7
Portland Road ...	52	55	107	8	9	44	46	15'3	16'3
St. Mark's ...	14	28	42	...	6	14	22	...	21'4
Ingram Road ...	18	12	30	2	1	16	11	11'1	8'3
Winterbourne Road ...	28	26	54	4	2	24	24	14'2	7'7
St. Saviour's ...	15	23	38	2	3	13	20	13'3	13'0
Princess Road ...	41	34	75	5	3	36	31	12'2	8'8
Beulah Road ...	35	41	76	4	4	31	37	11'4	9'7
Sydenham Road ...	25	40	65	...	4	25	36	...	10'0
Holy Trinity ...	7	20	27	2	4	5	16	28'5	20'0
Ecclesbourne Road ...	32	18	50	1	2	31	16	3'1	11'1
All Saint's ...	11	28	39	2	5	9	23	18'1	17'8
Upper Norwood ...	7	7	14	...	2	7	5	...	28'5
St. Joseph's ...	3	1	4	1	...	2	1	33'3	...
Stanford Road ...	8	2	10	1	...	7	2	12'3	...
Whitehorse Road ...	3	1	4	...	...	3	1	...	...
Ingram Road ...	6	2	8	2	1	4	1	33'3	50'0
Winterbourne Road ...	3	2	5	...	...	3	2	...	...
Portland Road ...	4	5	9	...	...	4	5	...	...
Sydenham Road ...	...	5	5	...	...	...	5	...	...
Princess Road ...	7	3	10	...	...	7	3	...	...
Upper Norwood ...	...	3	3	...	...	...	3	...	...
St. Joseph's ...	3	6	9	1	2	2	4	33'3	33'3
Totals ...	860	901	1761	124	124	736	777	14'4	13'6

TABLE E x.—Dental Re-inspection of Schools.

Date.	School.	Children with teeth all sound at previous inspection. At re-inspection.				Children who were treated for caries discovered at previous inspection. At re-inspection.				Children found to have defective teeth at primary inspection, but who have not been treated at the Dental Clinic. At re-inspection.							
		All sound.		Requiring treatment.		Requiring no further treatment.		Requiring further treatment.		Children treated privately.		Children treated privately and now requiring further treatment.		Children treated privately and not requiring further treatment.		Children who have received no dental treatment.	
		Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
1918.																	
Jan. 17	St. Andrew's ...	2	3	...	...	...	...	...	...	...	...	...	...	...	...	15	23
" 17	St. Peter's ...	2	...	3	...	...	...	...	...	...	...	...	...	...	...	13	18*
" 18	Whitehorse Road ...	...	...	...	...	7	3	1	...	...	1	...	1	...	...	41	39
Oct. 4	St. Michael's ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	6
" 4	Stanford Road ...	2	2	...	...	3	2	...	...	1	...	...	...	1	...	4	7
" 15	Whitehorse Road ...	2	2	...	3	3	1	...	1	2	...	1	...	1	...	23	23†
" 15	Holy Trinity ...	1	3	1	...	...	...	...	...	1	...	1	...	...	...	4	7†
Nov. 18	St. Andrew's, Old Town ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	7	7
" 18	St. Andrew's ...	3	2	...	...	...	...	2	...	...	...	...	...	...	...	18	11
" 19	Ingram Road ...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	12	6*
" 19	Winterbourne Road ...	3	2	...	...	3	3	1	1	1	1	1	...	...	1	9	10*
" 21	Parish Church ...	2	4	1	...	5	3	...	...	...	...	...	...	...	...	33	22*
" 26	Portland Road ...	5	5	1	1	6	5	...	1	3	...	3	...	...	...	19	20*
" 26	St. Mark's ...	...	5	...	1	...	2	...	...	1	1	1	1	...	...	4	9*
Dec. 2	Mitcham Road ...	2	3	...	...	...	...	1	3	...	...	...	...	...	...	39	22
" 2	Boston Road ...	6	5	3	...	...	...	...	...	...	...	...	...	...	...	14	15
" 2	Christ Church, Boston Road ...	3	2	3	2	...	...	...	...	...	...	...	...	...	...	18	15
" 5	St. Peter's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	20
" 5	Dering Place ...	4	3	1	1	...	...	...	...	...	...	...	...	...	...	2	7
" 6	Sydenham Road ...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	20	22*
" 6	Princess Road ...	4	3	...	...	...	...	...	...	1	...	1	...	...	...	23	24*
" 10	Beulah Road ...	3	3	...	...	5	3	...	...	...	1	...	1	...	...	14	18*
" 10	All Saints ...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	5	11*
" 10	Rockmount Road ...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	3	4*
" 10	St. Joseph's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Many absent. † Many absent (influenza). ‡ All absent. ** 16 absent,

TABLE E. xi.

Table of Schools inspected by the School Dental Officers during the year 1918, showing the number of children found with defective teeth

Date of Inspection, 1918.		Name of School. (Infants' Departments.)	Number of children examined,	Number found with defective teeth.
January	17th	St. Andrew's (Old Town)	21	18
"	18th	Whitehorse Road	101	88
February	7th	St. Peter's	64	61
"	7th	Parish Church	106	89
"	15th	St. Michael's	14	12
"	15th	Stanford Road	37	31
"	21st	Davidson Road	32	29
"	21st	Tavistock Grove	67	54
"	26th	Portland Road	107	90
"	26th	St. Mark's	42	36
March	7th	St. Mary's	27	24
"	7th	Oval Road	30	25
"	21st	Mitcham Road	85	73
"	21st	Christ Church (Longley Road)	25	23
April	12th	Ingram Road	30	27
"	12th	Winterbourne Road	54	48
"	18th	Woodside	105	90
"	18th	South Norwood	97	86
"	23rd	St. Saviour's	38	33
"	23rd	Princess Road	75	67
"	30th	Beulah Road	76	68
"	30th	Sydenham Road	65	61
May	2nd	Brighton Road	64	58
"	2nd	Dering Place	34	20
"	2nd	St. Andrew's	55	43
"	7th	Holy Trinity	27	21
"	7th	Ecclesbourne Road	50	47
"	9th	Boston Road	58	45
"	9th	Christ Church (Boston Road)	54	44
"	14th	All Saints'	39	32
"	14th	Rockmount Road	14	12
"	14th	St. Joseph's	4	3
October	4th	Stanford Road	10	9
"	15th	Whitehorse Road	4	4
November	19th	Ingram Road	8	5
"	19th	Winterbourne Road	5	5
"	26th	Portland Road	9	9
December	6th	Sydenham Road	5	5
"	6th	Princess Road	10	10
"	10th	Rockmount Road	3	3
"	10th	St. Joseph's	9	6

TABLE E. xii.
DENTAL CLINIC.
Particulars as to Fillings, etc.

Date.	Attendances.		Fillings.		Extractions.				Dressings.		Appointments for N2O Gas.		Remarks.
					Ordinary.		With "local" or N2O Gas.						
	Boys.	Girls.	Boys.	Girls.					Boys.	Girls.	Boys.	Girls.	
January ...	71	89	34	34	7	11	67	86	28	31	1	14	76 children did not attend. 5 children were unwell
February ...	79	92	28	45	22	9	61	51	24	36	9	10	46 children did not attend. 1 unwell, 2 refused
March ...	86	97	38	45	15	5	86	134	43	22	5	8	45 children did not attend. 3 refused treatment.
April ...	55	82	24	34	1	5	60	75	6 Ag.N.Os	15	...	4	37 children did not attend. 3 refused, 1 unwell, 1 advised
May ...	42	69	18	37	1	2	40	64	10	7	4	2	31 children did not attend.
June ...	97	135	30	49	7	3	141	177	11	21	5	5	54 do. do. 2 refused treatment, 1 advised
...	67	96	20	26	...	2	79	127	3	19	2	4	55 children did not attend. 3 refused treatment.
August ...	18	26	9	13	1	2	18	22	...	3	2	2	27 children did not attend.
Sept. ...	139	89	68	29	10	10	131	107	3	16	15	10	70 do. do. 1 refused treatment, 2 unwell
October ..	85	114	53	58	...	4	105	124	4	5	5	13	76 children did not attend. 4 refused, 1 bad mouth, 1 scaling
Nov. ...	71	102	26	42	2	2	99	123	7	20	3	3	89 children did not attend. 2 refused treatment, 1 scaling
Dec. ...	47	55	16	20	..	2	74	69	...	4	2	1	48 children did not attend. 1 refused treatment
Totals in 1918	857	1046	364	432	66	57	961	1159	139	199	53	76	
Totals in 1917	878	922	411	448	244	160	662	762	256	226	53	69	

THROAT CLINIC.

During the year a throat clinic was established for the surgical treatment of enlarged tonsils and adenoids in school children. The clinic is housed by the courtesy of the Croydon General Hospital in one of the wings of the Hospital. The clinic is held weekly on Thursday afternoons. The surgical work is done by a rota of eight medical men, of whom two are on duty at one time. Two of the health visitors attend the clinic acting as nurses.

The system of working is that cases with marked tonsils and adenoids found at medical inspections are given the opportunity of being operated upon at the clinic. When this is accepted the cases are forwarded by the school nurse to the nurse in charge of the clinic, who arranges for the attendance of the children for examination by the surgeon, the surgeons operating on the children during the week following the first examination, and the children come up to the clinic on a third occasion (seven days after the operation) for inspection by the surgeon who operated. Instructions are issued to the parents in each case as to the importance of breathing exercises as after treatment. These instructions are also given to the school teacher in charge of the child.

The clinic was opened in June, 1918, and from that date to the end of the year 147 cases were operated upon—an average of 7·3 patients per session.

SCHOOL TREATMENT CENTRE

AND

SPINAL REMEDIAL WORK.

TREATMENT OF SCHOOL CHILDREN.

Total number of new cases	...	...	840
Total number of attendances	...	...	4104

The Centre is as heretofore open daily for the treatment of minor ailments. One of the medical staff is present on two mornings each week and a nurse every morning to carry out the treatment advised. In the school year the new cases averaged 16·5 per week.

RINGWORM.

Ringworm in school children has been treated at the School Treatment Centre, and also by Dr. Critchley when X-ray treatment was advised and accepted.

TABLE E. xiii.

					Totals.	
Total No. of children treated	...	...	...	Scalp	131	<hr/> 157
				Body	26	
No. of attendances	...	...	...	Scalp	786	<hr/> 890
				Body	104	
No. of cases X-rayed	...	...	...		97	194
Total attendances for X-ray treatment	...	...	...
No. of cases treated by Drugs	...	...	...	Scalp	34	<hr/> 60
				Body	26	

SPINAL REMEDIAL CLASS.

Children treated during year : 40 girls, 1 boy.

Discharged, 10 (not requiring further treatment).

Discharged, 3 (not advisable to continue).

Discharged, 1 (owing to irregular attendance).

Left school, 9.

Left district, 2.

Still attending class, 16.

Class closed May 10th till Aug. 26th, owing to illness of
Organiser.

Class closed Oct. 23rd till Nov. 11th, owing to Influenza
epidemic.

SPECIAL EXAMINATION OF CHILDREN AT THE
SCHOOL TREATMENT CENTRE.

Number of Children who have attended for the following diseases
at the request of the Education Committee's officers or of teachers or
parents :—

Diseases of Lungs	...	...	...	...	49
„ Heart	...	...	...	...	16
„ Ear, Throat and Nose	...	...	...	...	112
„ Skin (Scabies 79)	...	...	...	...	177
Ringworm—					
Scalp	...	...	...	...	112
Body	...	...	...	...	26
					138
*Mentally Defective Children	...	...	...	...	6
Diseases of Nervous System	...	...	...	...	16
Spinal Affection	...	...	...	...	3
Eye Diseases or Defects	...	...	...	...	8
Glands	...	...	...	...	42
Rheumatism	...	...	...	...	7
Debility	...	...	...	...	14
Anæmia	...	...	...	...	14
Various	...	...	...	...	163
Infectious Diseases	{ 2 Measles ... 2 Chicken Pox ... 8 Mumps ... 1 Diphtheria ...				13
					778

* This is exclusive of children examined in accordance with the
requirements of the Mental Deficiency Act.

ACTION TAKEN TO PREVENT SPREAD OF INFECTIOUS DISEASES.

TABLE E. xv.

6,863 notices of illness (including duplicate notices) were received from School Teachers or Attendance Officers during 1918. 7,643 notices of illness were despatched to the respective schools by the Public Health Department. These notices dealt with, amongst others, 4,664 school children actually suffering from the infectious diseases mentioned in the Table :—

Illness.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
Scarlet Fever	49	63	34	90	236
Diphtheria	31	15	15	20	81
Measles	129	205	15	3	352
Mumps	300	734	89	48	1171
Whooping Cough	544	137	10	3	694
Chicken-pox	84	151	35	28	298
Sore Throat	58	33	13	14	118
Ringworm (Scalp)	52	48	9	28	137
„ (body)	31	16	8	11	66
Impetigo	191	173	70	143	577
Scabies	87	75	27	81	270
Infectious Eye Disease... ..	22	32	18	16	88
Other diseases	151	130	49	246	576
Totals	1729	1812	392	731	4664

The table records only the number of actual sufferers from the infectious diseases therein mentioned, as it is thought that this information is of more practical use than a detailed record of the number of notices sent.

WORK OF THE HEALTH VISITORS.

The duties of the lady health visitors in connection with school medical services have mainly been attendance at the medical inspections, the visitation of children who were absent from school because of suspected infectious disease, and for the following up of cases of defect discovered at inspections. Each district health visitor carries out all the school nurses work in her own area. Certain of the health visitors spend part of their time at the dental, eye, X-rays, and minor ailments clinics. The work of the health visitors is set out in detail in the following table, with the exception of the clinic work.

TABLE E. xvi.

Visits to Houses where the following Diseases have occurred.	School Cases.	
	1st Visits.	Subsequent Visits.
Scarlet Fever	22	13
Diphtheria	66	25
Measles	667	53
German Measles	36	1
Mumps	1219	124
Whooping Cough	928	122
Chicken Pox	433	23
Sore Throat	210	68
Ringworm (scalp)	209	707
„ (body)	112	104
Verminous Heads	9	4
Verminous Bodies	10	22
Impetigo Contagiosa	826	1040
Scabies	270	459
Infectious Eye Disease	108	91
Other Diseases	1428	475
	<hr/> 6553	<hr/> 3331
Visits paid to Elementary Schools for Medical Inspection	155	—
Number of Children prepared for Medical Inspection :—Newly Inspected	3862	—
Re-inspected	522	—
Specially Inspected	127	—
Other Visits to Elementary Schools	71	2
Home Visits arising out of Medical Inspection	523	512
Home Visits for other information	369	64
Cultures taken	380	32

SCHOOL CLOSURE.

During the year 1918 the following schools were closed in accordance with Article 45 (b) of the Code

TABLE E. xvii.

School.	Department.	Class.	Disease.	Date of Closure.	Length of Closure.
St. Saviour's ...	Infants & Girls	—	Whooping Cough ...	January 24th ...	1 month.
Princess Road ...	Infants ...	—	Whooping Cough ...	January 31st ...	1 month.
St. Andrew's ...	Infants ...	—	Measles ...	February 6th ...	1 month.
Whitehorse Road	Boys ...	1	Measles ...	February 11th	5 days.
Dering Place ...	Mixed & Infants	—	Measles ...	February 27th	3 weeks.
Portland Road...	Infants ...	—	Measles ...	February 28th	3 weeks.
Portland Road	Mixed ...	2a	Measles ...	March 4th ...	5 days.
South Norwood	Entire School	—	Measles ...	March 4th ...	2 weeks.
Woodside ...	Entire School	—	Measles ...	March 4th ...	2 weeks.
Parish Church ...	Infants ...	6	Measles ...	March 11th ...	5 days.
Shirley ...	Mixed ...	1	Measles ...	March 13th ...	1 week.
St. Mark's ...	Girls ...	2	Measles ...	March 18th ...	5 days.
Sydenham Road	Boys ...	7	Measles ...	March 18th ...	5 days.
Portland Road...	Infants ...	—	Measles ...	March 25th ..	4 days.
Christ Church (Boston Road)	Infants ...	—	Whooping Cough & Mumps	March 26th ...	1 month
Mitcham Road...	Infants ...	—	Mumps ...	April 8th ...	2 weeks.
St. Mark's ...	Infants ...	—	Measles ...	April 15th ...	1 month.
Sydenham Road	Boys ...	—	Influenza ..	June 27th ...	3 weeks.
Brighton Road...	Infants ...	—	Mumps ..	July 1st ...	3 weeks.
Tavistock Grove	Entire School	—	Influenza ...	July 3rd ...	17 days.
Upper Norwood	Entire School	—	Influenza ...	July 3rd ...	17 days.
Holy Trinity ...	Mixed & Infants	—	Influenza ...	July 3rd ...	17 days,

TABLE E xvii. (continued).

School.	Department.	Class.	Disease.	Date of Closure.	Length of Closure.
Boston Road ...	Entire School	—	Influenza	July 3rd ...	17 days.
Christ Church (Boston Road)	Infants ...	—	Influenza	July 3rd ...	17 days.
South Norwood	Entire School	—	Influenza	July 3rd ...	17 days.
Davidson Road	Boys	—	Influenza	July 3rd ...	17 days.
St. Mary's ...	Mixed ...	—	Influenza	July 3rd ...	17 days.
Oval Road ...	Girls & Infants	—	Influenza	July 3rd ...	17 days.
Sydenham Road	Girls & Infants	—	Influenza	July 4th ...	16 days.
Tamworth Road	Boys	—	Influenza	July 4th ...	16 days.
St. Mary's ...	Infants ...	—	Influenza	July 5th ...	15 days.
St. Michael's ...	Entire School	—	Influenza	July 5th ...	15 days.
Woodside ...	Girls	—	Influenza	July 5th ...	15 days.
Brighton Road...	Boys	—	Influenza	July 5th ...	15 days.
Ecclesbourne Rd.	Infants ...	—	Influenza	July 5th ...	15 days.
Mitcham Road...	Girls	—	Influenza	July 5th ...	15 days.
Christ Church (Longley Road)	Entire School	—	Influenza	July 5th ...	15 days.
St. Andrew's	Entire School	—	Influenza	July 5th ...	15 days.
Parish Church ...	Entire School	—	Influenza	July 5th ...	15 days.
Whitehorse Road	Boys	—	Influenza	July 5th ...	15 days.
Oval Road ...	Boys	—	Influenza	July 8th ...	12 days.
St. Saviour's ...	Entire School	—	Influenza	July 8th ...	12 days.
Brighton Road..	Girls	—	Influenza	July 8th ...	12 days.
Davidson Road	Girls	—	Influenza	July 8th ...	12 days.
Ecclesbourne Rd.	Girls	—	Influenza	July 8th ...	12 days.
Arch. Tenison's & St. Peter's ...	Entire School	—	Influenza	July 8th ...	12 days.
Whitehorse Road	Girls & Infants	—	Influenza	July 8th ...	12 days.

TABLE E xvii. (continued).

School.	Department.	Class.	Disease.	Date of Closure.	Length of Closure.
Portland Road...	Entire School	—	Influenza	July 8th ...	12 days.
St. Mark's ...	Entire School	—	Influenza	July 8th ...	12 „
Princess Road ...	Entire School	—	Influenza	July 8th ...	12 „
Mitcham Road...	Entire School	—	Influenza	July 8th ...	12 „
Winterbourne Rd.	Boys	—	Influenza	July 8th ...	12 „
Davidson Road	Infants ...	—	Influenza	July 10th ...	10 „
All Saints' ...	Entire School	—	Influenza	July 10th ...	10 „
Woodside ...	Boys	—	Influenza	July 10th ...	10 „
Woodside ...	Infants ...	—	Influenza	July 11th ...	9 „
Elmwood Hall...	Entire School	—	Influenza	y 11th ...	9 „
Dering Place ...	Infants ...	—	Influenza	July 11th ...	9 „
Ingram Road ...	Boys	—	Influenza	July 11th ...	9 „
Ecclesbourne Rd.	Boys	—	Influenza	July 11th ...	9 „
Winterbourne Rd.	Infants ...	—	Influenza and other infectious diseases	July 15th ...	5 „
Dering Place ...	Mixed ...	—	Influenza	July 15th ...	5 „
St. Andrew's ...	Boys	—	Influenza	October 14th ...	2 weeks.
Oval Road ...	Girls & Infants	—	Influenza	Oetober 14th ...	2 „
Ingram Road ...	Boys	—	Influenza	October 15th ...	2 „
Oval Road ...	Boys	—	Influenza	October 15th ...	2 „
St. Andrew's ...	Girls & Infants	—	Influenza	October 15th ...	2 „
Davidson Road	Girls	—	Influenza	October 18th ...	2 „
Ingram Road ...	Girls	—	Iufluenza	October 18th ...	2 „
Dering Place ...	Mixed ...	—	Influenza	October 18th ...	2 „
Upper Norwood	Entire School	—	Influenza	October 18th ...	2 „
Ingram Road ...	Infants ...	—	Influenza	October 21st ...	2 „
Arch. Tenison's & St. Peter's ...	Entire School	—	Influenza	October 21st ..	2 „

TABLE E xvii. (continued).

School.	Department.	Class.	Disease.	Date of Closure.	Length of Closure
Whitehorse Road	Entire School	—	Influenza	October 21st ...	2 weeks
Portland Road...	Infants ...	—	Influenza	October 21st ...	2 ..
Woodside ...	Infants ...	—	Influenza	October 21st ...	2 ..
Davidson Road	Boys & Infants	—	Influenza	October 21st ...	2 ..
Brighton Road...	Infants ...	—	Influenza	October 21st ...	2 ..
Elmwood Hall...	Junior Mixed	—	Influenza	October 21st ...	2 ..
Tavistock Grove	Entire School	—	Influenza	October 21st ...	2 ..
Parish Church ...	Entire School	—	Influenza	October 21st ...	2 ..
South Norwood	Entire School	—	Influenza	October 21st ...	2 ..
Boston Road ...	Entire School	—	Influenza	October 22nd...	2 ..
Christ Church (Boston Road)	Infants ...	—	Influenza	October 22nd...	2 ..
Beulah Road ...	Entire School	—	Influenza	October 22nd...	2 ..
Winterbourne Rd.	Entire School	—	Influenza	October 22nd...	2 ..
Ecclesbourne Rd.	Girls	—	Influenza	October 22nd...	2 ..
Brighton Road...	Girls	—	Influenza	October 22nd...	2 ..
St. Saviour's ...	Girls & Infants	—	Influenza	October 22nd...	2 ..
Grange Wood ...	Entire School	—	Influenza	October 22nd...	2 ..
Brighton Road...	Boys	—	Influenza	October 22nd...	2 ..
Ecclesbourne Rd.	Boys & Infants	—	Influenza	October 22nd...	2 ..
Mitcham Road...	Entire School	—	Influenza	October 22nd...	2 ..
Portland Road ...	Mixed & Girls	—	Influenza	October 22nd...	2 ..
Princess Road ...	Entire School	—	Influenza	October 22nd...	2 ..
Stanford Road ...	Entire School	—	Influenza	October 22nd...	2 ..
Sydenham Road	Entire School	—	Influenza	October 22nd...	2 ..
Woodside ...	Boys & Girls ..	—	Influenza	October 22nd...	2 ..
All Saints' ...	Entire School	—	Influenza	October 22nd...	2 ..

TABLE E xvii. (continued).

School.	Department.	Class.	Disease.	Date of Closure	Length of Closure.
Christ Church ...	Entire School	—	Influenza	October 22nd...	2 weeks,
Holy Trinity ...	Entire School	—	Influenza	October 22nd...	2 „
St. Saviour's ...	Boys	—	Influenza	October 22nd...	2 „
St. Andrew's ... (Old Town)	Entire School	—	Influenza	October 22nd...	2 „
St. Joseph's ...	Entire School	—	Influenza	October 22nd...	2 „
Shirley	Entire School	—	Influenza	October 22nd...	2 „
St. Mark's ...	Entire School	—	Influenza	October 22nd...	2 „
St. Mary's ...	Entire School	—	Influenza	October 22nd...	2 „
St. Michael's ...	Entire School	—	Influenza	October 22nd...	2 „
Brighton Road ..	Girls	—	Influenza	November 18th	2 „
Portland Road...	Entire School	—	Influenza	November 8th	2 „

PHYSICALLY AND MENTALLY DEFECTIVE CHILDREN SENT TO INSTITUTIONS.

At the end of the year 1918 the following Croydon children were under treatment in residential institutions :—

Blind	...	...	...	...	7
Deaf	...	...	...	...	8
Mentally defective	...	...	...	...	8
Epileptic	...	...	...	...	3

EXAMINATION OF BURSARS, STUDENT AND PUPIL TEACHERS.

Twenty-two young persons who desired to become Bursars and Student Teachers were medically examined during the year.

TEACHING OF INFANT CARE.

The Infant Care Class has been continued at the Tavistock Grove and Beulah Road Schools. It has not been possible to maintain such a regular attendance of one of the medical officers owing to staffing difficulties, but this has been maintained very fully on the whole. One of the health visitors attends regularly. Short talks have been given at each meeting by one or other of these officers on matters relating to infant welfare.

REPORT OF THE ORGANISER OF PHYSICAL TRAINING.

LADIES AND GENTLEMEN,

I beg to submit the Report of my work as Organiser of Physical Training for the year 1918.

My time was devoted to :—

- (1) Visiting all the Departments of the Elementary Schools (with the exception of the Boys' Departments) for the purpose of advising the teachers on the physical training carried on in the Schools.
- (2) Attending at the School Treatment Centre, 228, London Road, four sessions weekly, for the purpose of giving Remedial Exercises.
- (3) Visiting the gymnastic classes held in connection with the Girls' Evening Institutes.
- (4) Holding Physical Training Classes for the Student Teachers and Teachers in the Elementary Schools.

I was absent from duty from May 10th to August 26th, owing to illness.

Physical Training in the Elementary Schools was carried on in spite of many difficulties, *e.g.*, the two outbreaks of influenza, bad weather, etc. I would again emphasise the need of suitable *covered* accommodation for physical exercises. As I pointed out in my Report of March, 1918, the accommodation for the practice of physical exercises in extreme cold and heat, and in wet weather, is inadequate in most of the schools. I would beg to quote from the 1917 Report of the Chief Medical Officer of the Board of Education: "Authorities will understand that physical exercises cannot be taken satisfactorily between desks or on a rough uneven playground surface and though a special hall or room for gymnastics is not available in all cases, it seems not unreasonable to suggest the provision of an adequate covered shed in the playgrounds, suitably lighted, ventilated and floored, in which exercises can be taken in practically all weathers."

During the year I found it advisable to draw the attention of the Clerk to the rough state of some of the playgrounds, as I felt there was a certain amount of risk in the playing of running games. It was found impossible, however, for any improvements to be made owing to the Board of Trade regulations as to the use of tar. May I urge, however, that the necessary repairs be made as soon as is possible, as much of the spirit and joy of a physical exercise lesson is lost if free running has to be omitted.

I have endeavoured, during my visits to the various classes, to get the work as bright and vigorous as possible and, by the introduction of more free formation work and brightening movements, to make the tables less formal, especially in the Infants and lower standard classes. The Syllabus of Games and Play Movements, introduced into the Infants' Departments in 1917, has proved successful in most cases and I would like to bear testimony to the loyal support and co-operation of the teachers in the Infants' Schools in the introduction of this scheme.

Progress has been made in some schools in the provision of suitable clothing for physical exercises but, owing to war conditions, the difficulties of obtaining suitable material have been very great. Tunics and knickers have been made in many schools, also shoes. The decision of the Education Committee that material for such hand-made shoes can, in future, be requisitioned, will prove a tremendous impetus in this matter. A certain number of the teachers in the Girls' Departments now wear gymnastic costume themselves when giving a physical training lesson, but the number is limited, owing to the total lack of dressing-room accommodation in most of the schools and also to the exposed nature of the playgrounds.

The number of schools devoting time to organised playground games increases but slowly. I would suggest that the provision of a certain amount of simple apparatus, such as bean-bags, basket-balls, skipping ropes, etc., would do much to increase interest and enthusiasm. Many of the schools find the provision of the necessary apparatus for basket-ball, swimming, etc., a very great difficulty, and I am strongly of the opinion that a "games subscription" from the scholars is undesirable, as it so often excludes those children who need games most.

I would again emphasise the fact, mentioned in my last report, that many of the desks still in use in the schools, are harmful to the growing child, and urge that every seat should at least have a suitable back.

As mentioned earlier in this report, I attended the Spinal Remedial Class four sessions weekly. Formerly each child attended for treatment twice weekly, but this year an experiment was made of having the more severe cases three or four times weekly, and it was found they responded more quickly to treatment in this way.

Children treated during year	...	Girls, 40; Boys, 1
Discharged (not requiring further treatment)	...	10
„ (not advisable to continue)	...	3
„ (owing to irregular attendance)	...	1
Left School	...	9
Left District	...	2
Still Attending Class	...	16
Total Attendances during Year	...	995

The Class was closed for three months, owing to my illness, and again for a fortnight in November, owing to the second outbreak of influenza.

I was only able to visit the gymnastic classes held in connection with the Evening Institutes once, as they were held on the same evenings as the teachers' classes and therefore I was not free.

The following Courses were conducted by me during 1918 :—

- (1) A Course of twenty-five lessons in the Theory and Practice of Physical Exercises, for the Teachers of the Senior Departments. This Course was held at the Girls' High School and was arranged in conformity with the requirements of the Board of Education examination. Several pupils expressed their intention of taking

the examination but many difficulties were encountered—notably air raids—and in the end only two students were presented for examination, although the attendance at the class never fell below eight or ten, except on the nights when air raids actually took place or were expected.

- (2) A Course of eighteen lessons in Games and Play Movements, for the Teachers of the Infants' Schools. The response of the Infants' Teachers to the invitation to attend this class was remarkable and over seventy obtained the certificate granted for attendance. Every Infants' Department, with the exception of four, was represented—in some cases by practically all the staff.
- (3) A Course of eight lessons of Country and Folk Dances, for the Teachers of the Senior Departments. This again was well attended. At the request of the Superintendent, a demonstration of Country and Folk Dances was given at the Croydon Recreation Club, at the end of the Course.
- (4) A Course of twenty-five lessons for the Student Teachers, at the Girls' High School. This, too, was interrupted on several evenings by air raids.

In July I attended, at the Committee's desire, the Conference of Women Organisers of Physical Training, arranged by the Board of Education, although I was forbidden by my medical adviser to take an active part in the Conference, as I was then absent from duty on sick leave. I found the Conference most helpful and am looking forward to the opportunity to attend similar ones in the future.

May I suggest the lines along which I think progress should come in our Croydon Schools in the near future—progress which to my mind is possible even under existing difficulties :—

- (1) A daily lesson of Physical Training, in all schools, of not less than twenty minutes. In the case of senior schools, where the children make a rule of changing their shoes for the lesson, thirty minutes would not be too long.
- (2) Better provision for swimming and organised games.
- (3) Improved facilities for the provision of suitable clothing, especially shoes.
- (4) Adequate accommodation for physical training in all weathers. In this connection would it not be possible to arrange for the utilisation of the huts and wooden buildings recently used by the military authorities, many of which would serve the purpose excellently.

In conclusion may I say how I value the resolution of the Education Committee that the report of the Organiser of Physical Training shall be incorporated yearly in that of the School Medical Officer. As the Chief Medical Officer of the Board of Education states in his report for 1917, "the School Medical Service is concerned to watch over the normal as

well as the abnormal growth of children the education and building up, the development and strengthening of the natural powers of the body of the normal child that it may be able not only to resist disease but to become its best. Hence the teaching and practice of hygiene, of physical exercises and of games."

To attain such results will always be my earnest desire and I am confident that in this I shall always have the enthusiastic co-operation of the teachers in the schools.

I am,

Your obedient servant,

MAY APPLETON.

