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

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# County Borough of Croydon.

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# ANNUAL REPORT

OF THE

# **MEDICAL OFFICER OF HEALTH**

AND

# SCHOOL MEDICAL OFFICER

FOR THE YEAR 1915.

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

CROYDON : PRINTED AT THE "CROYDON TIMES" OFFICE, 108, HIGH STREET. 1916.

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# TABLE OF CONTENTS.

	PAGE
VITAL STATISTICS-	1 404
Population	7
Birth Rate	7
Death Rate	7
Infantile Mortality	7
INFANT WORK-	
Infant Centre	IO
Method of Feeding	II
Notification of Births Act (1907)	I 2
Midwives' Act, 1902	12
GENERAL MATTERS-	
Tuberculosis and Milk	13
Disinfection	14
Cleansing of Persons	14
The work of the Health Visitors	15
Mental Deficiency Act, 1913	17
LOCAL GOVERNMENT BOARD RETURNS-	
Table I. Vital Statistics of whole district during 1915	
and previous years	0
Table II. Cases of Infectious Disease notified during	Ŭ
1915	21
Table III. Causes of, and Ages at, Death during 1915	22
Table IV. Infantile Mortality during 1915, Deaths from	
stated causes in weeks and months under	
one year of age	35
Table V. Cases notified and deaths from the principal	
zymotic diseases for the year 1915 and	
preceding years	44
Table VI. Vital Statistics of separate localities in 1915	
and previous years	45
WORK OF SANITARY INSPECTING STAFF-	
Inspections	47
Notices Served	47
Municipal Common Lodging House	48
Factory and Workshops Act	49
Smoke Nuisances	51
Meat Inspection	52
Dairies and Cowsheds	56
Food and Drugs Acts	57
Milk and Cream Regulations	58
Rag Flock Act	59
TUBERCULOSIS-	
General Survey of cases dealt with through the Tuber	
culosis Dispensary and work done in connection with	
them	63
Sanatorium and Hospital Treatment	66
Dispensary Treatment	71
WORK OF THE BOROUGH HOSPITAL	73
REPORT ON SCHOOL MEDICAL WORK	
REPORT ON SCHOOL MEDICAL WORK	77



Public Health Department,

Town Hall, Croydon. November, 1916.

Mr. Mayor and Gentlemen,

I beg to submit the Annual Report for 1915 of the work of the Public Health Department.

The Report has been very much cut down as compared with those of previous years. principally owing to the lack of regular staff. All the essential parts, however, are included. The Report, covering as it does the conditions during the earlier part of the war period, shows, I think, the existence of satisfactory conditions in the Borough. The general Public Health is maintained on a high level, and the work of the department has been also sustained very well in spite of numerous departures of members of the staff on military service.

I am,

Yours faithfully,

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 1915.

# VITAL STATISTICS.

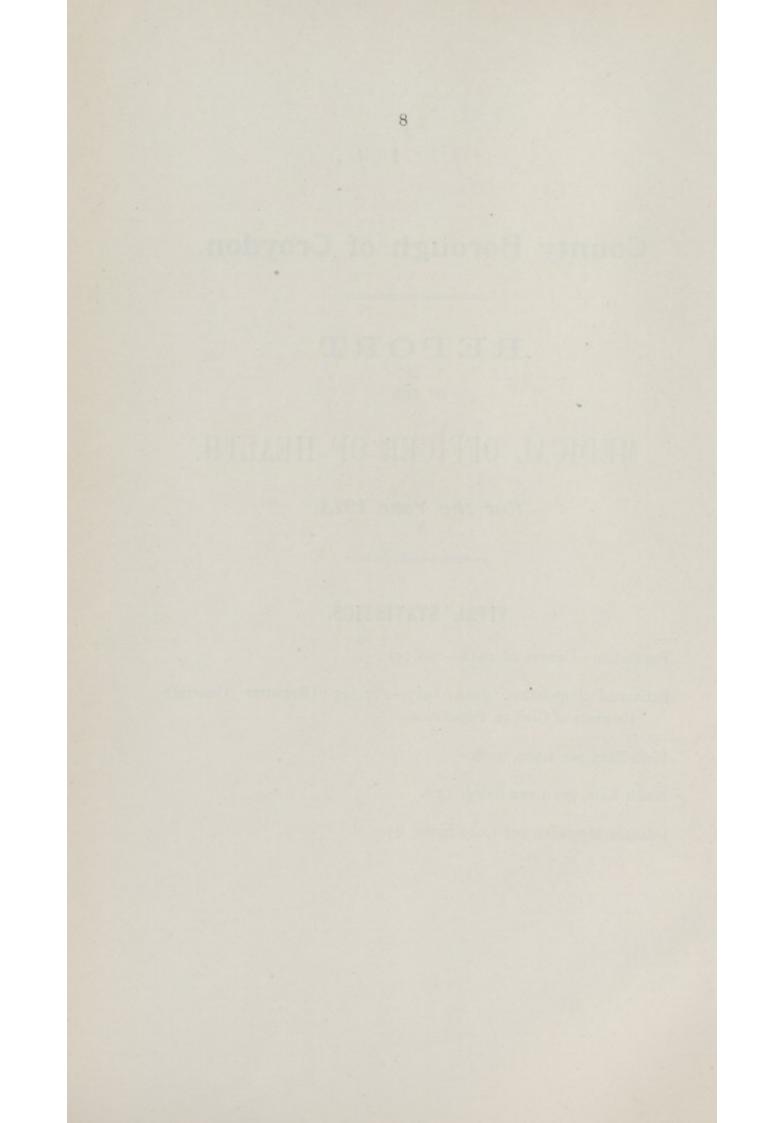
Population—Census of 1911—169,551.

Estimated Population, June 1915—177,345 (Registrar \_ General's Estimate of Civilian Population).

Birth Rate, per 1,000, 20'8.

Death Rate, per 1,000 living, 13.6.

Infantile Mortality, per 1,000 births, 83.



# INFANT WORK.

**INFANTILE MORTALITY** is measured by the proportion of deaths under one year to 1,000 births, and amounted to 83, as compared with 79 in 1914, 94 in 1913, 77 in 1912, 105 in 1911, 87 in 1910, 79 in 1909, 99 in 1908, 86 in 1907, 125 in 1906, and 96 in 1905. During the year 1915, the rate for England and Wales was 109, while in the 95 large towns it was 117, and in the 148 smaller towns 113; in England and Wales, less the 244 towns, 98, and in London 114.

The figures for the various Wards were :---

	Births.	Deaths under 1 ye	per 10		e 100	eath-rate per o births from diarrhœal " dis <b>ea</b> ses,
Upper Norwood Sub-						
division	144	7		48		0
North Ward	748	60		52		I
Thornton Heath Sub-				-		
division	385	38		91		3
East Ward	447	31		69		4
BOROUGH	3699	307		83		4 8
Central Ward	264	25		96		TI
South Ward	308	29		94		13
West Ward	844	82		97		12
South Norwood Ward	559	43		76		5

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

Years.	Total Infantile Mortality from all causes,	Inta fron	ntile Mortal a "diarrhœa diseases,	l" fro	mtile Mortality m other than ceal" diseases
1893—1897	 142		25		117
1898—1902	 143		25 38		105
1903	 104		9		95
1904	 128		29		99
1905	 96		14		82
1906	 125		42		83
1907	 86		IO		85
1908	 99		12		87
1909	 79		7		72
1910	 87		10		77
1911	 105		33		72
1912	 77		II		66
1913	 94		16		78
1914	 79		I 2		67
1915	 83		8		75

## DIARRHOA AND EPIDEMIC ENTERITIS.

Deaths classified in the tables supplied by the Registrar-General as *diarrhæa*, *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 1915 diarrhœa and epidemic enteritis accounted for 20 deaths of infants under one year of age, 14 others being due to enteritis or gastro-enteritis, making a total of 34 deaths from "diarrhœal" diseases A further 21 deaths at ages from one year or upwards were due to these diseases.

#### INFANT CENTRE.

This is held in the same place—228, London Road—as the School Treatment Centre and the Spinal Remedial Class. The Infant work consists of two medical consultations weekly on Tuesday and Friday afternoons. At the medical consultations there have been during the year 1915 approximately *forty* children attending each afternoon The progress made by the children is extremely gratifying in practically all instances. Acute illnesses are not, of course, dealt with, being referred to hospital or private medical man.

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 1915 has been : -

New Cases		 	 473
Total Attendan	ces	 	 2,838

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

## 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.

	Infants dying from Diarrhœal Diseases. 0.6 months.	Infants dying from other than Diarrhocal Diseases. 0-8 months.	Infants surviving 6 mor.ths.	Total investigated.
Breast Fed only	7	40	1181	1228
Breast and subsequently Cow's milk	3	7	129	139
Ditto Condensed Milk	3	4	79	86
Ditto Other foods	2	7	80	89
Breast & simultaneously Cow's Milk	3	5	39	47
Ditto Condensed Milk		1	33	34
Ditto Other foods		1	54	55
Entirely Hand Fed— Cow's Milk	3	11	38	52
Ditto Condensed Milk	3	2	36	41
Ditto Other foods	4	15	43	62
Number investigated	28	93	1712	1833

TABLE A.

•		Of all infants investigated under 6 months.	Of infants dying from Diarrhœal Diseases.	Of infants dying from other than Diarrhœal Diseases.
Breast Fed	only	per cent. 68.4	per cent. 25.0	per cent. 43.0
Breast and	subsequently Cow's Milk	7.4	10.8	7.5
Ditto	Condensed Milk	4.5	10.8	4.3
Ditto	Other foods	4 7	7.0	7.5
Breast and	simultaneously Cow's Milk	2.4	10.8	5.3
itto *	Condensed Milk	1.7		1.0
Ditto	Other foods	3.0		1.0
Entirely H	and Fed—Cow's Milk	2.7	10.8	11.9
Ditto	Condensed Milk	2.1	10.8	2.1
Ditto	Other foods	3.1	14.2	16.1
		100	100	100

ED

TABLE B.-The same information expressed in percentages.

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 3,039 notifications were received. These births were notified as follows :—

	 		908
	 		876
wives	 		1,183
	 		2,967 72
	 		3,039
	 wives	wives	wives

#### MIDWIVES' ACT, 1902.

Thirty-four midwives attended at the Infant and Children Centre, 228, London Road, for inspection, etc., during 1915. One hundred and forty-eight visits were paid by the Inspector of Midwives, to the houses of 38 midwives. During the year 2 registered midwives withdrew from practice, 4 left the district, and 2 new names were added, leaving 34 on the register on December 31st, 1915.

## GENERAL MATTERS.

## TUBERCULOSIS IN MILK.

During the year 72 primary samples and 11 secondary, or repeat, samples of milk have been procured and examined for tuberculosis.

The 72 primary samples, including 19 samples procured from milk produced within the Borough, and 53 from milk supplies produced within the country.

The 19 Borough samples represent the milk of 225 cows belonging to 18 registered cow-keepers, each sample representing therefore roughly the milk of 11 cows.

The 53 country samples procured at railway station, or on delivery, represent 898 gallons of milk, each sample therefore representing just under 17 gallons.

One inefficient sample of milk submitted by a medical practitioner was examined for tuberculosis with negative result.

Three samples of the country milk were examined for certain pathogenetic bacteria in addition to tuberculosis, with a negative result in each case.

The following table shows the number of primary samples of town and country milk examined for tuberculosis, along with the number and percentage of cases in which tuberculosis was found The table gives the yearly results back to 1900.

Year.	Town Milk.	No. Positive.	Per Centage.	Country Milk.	No. Positive-	Per Centage
1900	40		5.	-	-	_
1901	1	-	-	87	5	5.7
1902	_	-	-	6	-	
1904	30	1	3.3	-	-	-
1908	25	1	4	21	3	14.2
1911	16	1	6.2	39	6	15.4
1912	14	1	7.1	31	1	3.2
1913	14	4	28.5	49	4	8.1
1914	12	1	8.3	45	5	11.1
1915	19	1	5.2	53	2	3.8
Total 1900-15	171	12	7	331	26	7.8

Total town and country produced milk, 502 samples, 38 positive or 7.5 per cent.

#### DISINFECTION.

During the year 1,706 rooms, 27 hospital wards and contents thereof, 26 school class rooms, 3 dormitories, 1 stable, 2 playhouses, 48 departments of schools, 1 shed, 6 vehicles, aud 14,682 articles were disinfected.

The articles disinfected were as follows, viz. :--694 beds, 1968 blankets, 62 blouses, 720 bolsters, 855 books (including 605 Library books), 56 boots, 36 bottles, 5 capes, 34 caps, 30 carpets, 269 coats, 36 corsets, 57 curtains, 82 cushions, 6 cloaks, 59 costumes, 953 counterpanes, 21 dresses, 152 dressing gowns, 166 handkerchiefs, 806 mattresses, 5 neckerchiefs, 286 palliasses, 67 petticoats, 2,145 pillows, 164 rugs, 202 shawls, 870 sheets, 187 shirts, 116 skirts, 444 stockings (socks), 254 towels, 153 trousers, 97 vests, 87 waistcoats, 6 jackets, 31 mats, 46 underclothing, and 2,455 other articles. Total 14,682.

Cleansing	of	Perso	ons	at D	)is	infecting	Station	
	d	uring	the	Yea	ır	1915.		

Adults other than Soldiers.	School Children-	Children not of School Age but living in same houses as School Chil- dren.	Soldiers.
1	*21	2	8

\* 2 out of these children were cleansed twice (counted twice).

15

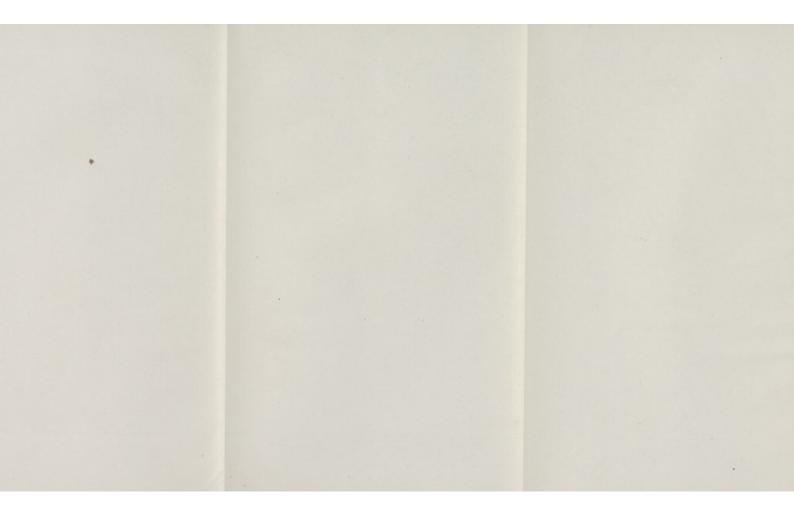
#### TABLE H. V.

16

\*HEALTH VISITORS,--The following is a summary of the work done and visits paid by the Health Visitors.

	Miss Pirie &	Miss Pie	ree-Toms	. M	tiss Wa	derman.	(1)	Miss K	ing and	Miss Ch	apman.		Miss	Chalk.	(2)			dman and ree-Toms.		Miss	Gaul	(3)	Miss Massie.					Miss Go	rdon. (	0
Visits to Houses where the following Diseases have been	School Cases. Other Cases. 1		School	School Cases. C				School Cases, Other Cases,		School	Cases.			School	Cases.	Other Cases.	Scho	d Cases.	Other	Cases,	School Cases		Other	Caser.	School	Cases,	Other	Cares-		
reported.				Ist Visits,	guent Visits.	visits,	Subse- quent Visits.	lst Visita	quent Visits.	Visits.	Subse- quent Visitg.	Ist Visits.	Subse- quent Visits.	Visits,	guent Visita,	visits.	Subse- quent Visits	Visita. Subse Visita. Visit	1st Visite	guent Visite.	visits.	guent Visits.		Subse- quent Visits.	Visita,	Subse- quent Visits.	lat Visits.	Subse- quent Visits	1st Visits	guen Visits
carlet Fever				$\begin{array}{c} 7 \\ 16 \\ 4 \\ 250 \\ 9 \\ 795 \\ 29 \\ 87 \\ 65 \\ 426 \\ 3 \\ 3 \\ 70 \\ 5 \\ 22 \\ 152 \end{array}$	4 13 15 13 30 21 32 35 2 79 5 6 43			······································				6 21 8 265 12 347 75 96 101 21 31 31 153 12 89 259	13 16 4 18 27 12 6 25 32 31  7 181 39 95 67			$25 \\ 5 \\ 253 \\ 14 \\ 92 \\ 112 \\ 77 \\ 94 \\ 29 \\ 19 \\ 3 \\ 2 \\ 100 \\ 2 \\ 23 \\ 166 \\ 166 \\ 100 \\ 10$	2 2 3 3 3 3 3 3 3 5 5 22 17 10 139		2 12 4 393 14 303 136 72 29 34 1 9 9 139 139 139 277	11 1 6 2 4 14 377 23 123			$\begin{array}{c}1\\2\\1\\38\\\\50\\25\\18\\56\\3\\11\\1\\4\\71\\1\\33\\57\end{array}$	2 1 23 8 10 13 29			42 51 3 186 11 273 14 47 142 20 28  207 14 53 265	1 #25 4 22 1 22 1 45 17 40  115 3 4 73		
TOTALS				1585	826			5				1513	575			999	265		1552	386			372	173			1368	357		
	1st Visits.	Subse	qu't Visits.	1st Vi	isits.	Subsequ	re Visies.	Ist V	lains.	Subsequ'	t Visits.	1st Vi	sits.	Subsequ	t Visits.	Ist Vi	iaits.	Subsequ't Visit	. 1st	Visits,	Saberça	t Visits.	1st Vi	sits.	Subsequ'	t Visits	Ist V	isits.	Sabseqa'	a Visits
fisits to houses where Infants have been born fisits to houses where Infants have died under	***				82	3	34	13	37	5	2	41			15	56		529		505	91	50	40		30	10	46	6	41	6
one year of age Cuberculosis cases visited Visits paid to Elementary Schools for Medical In-	400		252	15	19 56				6	1	1 4		15 19		7	4	3	295		91		iŝ	23			18	3 16	3	ō	is
spections sumber of Children pre- pared for Medical Inspec-					10				16				10		3	8				35			5					8		
tion – Newly Inspected Re-inspected Specially Inspected Other Visits to Elementary				63 17 1				1	98 96 7			118 21 6			**	89 23 3	7	•••		753 290 22			204 58 8	4			97 21 3	9		
Schools Iome Visits arising out of					13							4	8		11		4			138								8		
Medical Inspection Iome Visits for other in- formation				43					6			20				44		795	-	272		33	19			14	38			56
Cultures taken	22		6		19			0	6			9				14		25 63		80 69		4	2 10			1	4	8	1	13

Notes.—(1) Four attendances at Clinics weekly. (2) Two """"" (3) Twenty-three addresses on Infant Feeding at Domestic Centre. (4) Fifty-two visits to Midwives.



#### MENTAL DEFICIENCY.

#### CONTRACTS.

Contracts for the reception of Croydon defectives have now been entered into as follows :---

Date.	Party.	Rate per Patient.
11th March, 1915	 Incorporated Lancashire and Cheshire Society for the Permanent Care of the Feeble-minded.	£32 per annum.
19th March, 1915	 Incorporation of National Institutions for Persons Requiring Care and Control.	*Trainable, 10s. 6d. per per week. *Lower mental grade cases, 14s. per week.
7th February, 1916	 Manager of the Etloe Hous Certified Institution.	e 115. 6d per week (not exceeding 7 females— Roman Catholics).
(47 11	· · · · · · ·	

(\*Increased by 2s. per patient per week from the 1st October, 19:5, for 12 months or until such time as cost of maintenance reverts to its normal level).

### CASES DEALT WITH.

In Appendix I. are shewn the cases that have been dealt with to the 31st December last, either by transfer to Certified Institutions or by placing under Guardianship. Two "criminal" defectives were sent to Institutions by Orders of the Court, and three defectives were sent to Institutions and two placed under Guardianship by Orders upon Petitions presented at the instance of the Council.

In February the Lady Visitor on the Staff who had up till then been on half-time, was appointed a full-time Visitor for mental deficiency work.

## NUMBER OF DEFECTIVES IN THE BOROUGH.

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

Education Committee Cases	<i>Male.</i> 43	Temale. 30
male and 8 female)	33	33

The 66 Statutory Committee cases are disposed of as follows : --

			Male.	Female.
In certified Institutions		 	4	I
Under Guardianship		 	I	I
In Croydon Mental Hospita	1	 	IO	IO
In Poor Law Institutes		 *	1	. 0
In their own homes		 	17	21

In addition to the above, at the end of the year a number of reported cases were awaiting medical examination.

#### ACCOMMODATION.

Continuous efforts have been made to find suitable accommodation for defectives for whom Institutional care was considered advisable but these efforts have met with little success owing to the Institutions certified by the Board of Control being full or allocated for other classes of defectives or for defectives from particular areas.

#### **VOLUNTARY ASSOCIATION.**

During the year the Statutory Committee have had under consideration the formation of a Voluntary Association, the object of such an Association being to render assistance to the Local Authori y in connection with the care, control, treatment, or education of defectives to the extent desired by such Authority, In May last the Committee appointed a Sub-Committee, with the Town Clerk and Medical Officer, to interview the Board of Control upon this and other matters in connection with the administration of the Act, and as a result of that interview the Committee decided, in view of existing War conditions, to defer taking any formal steps in the matter for the present. The Council, on the recommendation of the Committee, have since agreed to the formation of a temporary Voluntary Committee which should be of material assistance to the Committee in carrying out their duties.

#### FINANCE.

In Appendix II will be found the financial statement for the year ending the 31st March, 1916, in accordance with the Provisional Regulations of the Secretary of State for the Home Department.

Date of Order.		Defective.	Sex.	Age at time of Order.	Nature of Order (whether for Institutional treatment or for Guardianship.
" Criminal Def	ective	s":			
1915.					
25th March		Е. Н.	F.	18	Institutional (Etloe House, Leyton)
11th November		F. P.	М.	22	Institutional (Guiltcross, East Harling, Norfolk).
Other Defectives	:				
28th October		A. B.	М.	18	Institutional (Sandle- bridge, near Chester).
28th October		Н. К.	М.	16	Do.
14th December		R. T. L.	Μ.	52	Guardianship.
14th December		Е К. Р.	F.	39 .	Do.
21st December		D. M. C.	F.	17	Institutional (Whittington Hall, Whittington, near Chesterfield).

#### APPENDIX I.

## APPENDIX II.

## COUNTY BOROUGH OF CROYDON-MENTAL DEFICIENCY COMMITTEE.

# Statement of Income and Expenditure Year ending March 31st, 1916.

Expenditure.						
Administration-	15	s.	d.	£	s.	d.
SalariesClerk Medical Officer Investigation Officer	75	0 0 17	0		17	2
Travelling Expenses Costs and Charges in Legal Proceedings Printing, Stationery, etc	3	2	0	8	6	0
Accommodation -						
Maintenance of Patients in Institutions Expenses of Removals					16 17	
Guardianship—						
Maintenance Allowance for Patients placed nnder Guardians				11	10	0
				£326	18	6
INCOME.						
Exchequer Contributions Contribution towards cost of Mainten-	£	s.	d.	یلر 254	s. 6	d. 11
ance of Defectives				2	16	0
Transfer from Borough Fund		19		257	2	11
Balance in hand 31st March, 1915	0	16	5	69	15	7
				£326	18	6
				1		

11	5 A -	TO	<b>T</b> 1	12	T	
- 1	A	D.		E	1.	
-						

For whole District, for Calendar Year 1915.

	ated to Year.		Віктня	5.	DEA	TAL ATHS IN THE	TRAM ABLE I	NSFER- DEATHS	NETT	DEATH THE D		
	estimat	-	1		DIST	RICT.	dents 1 the	ts not in the it.		Age.	At all	Ages
Year.	Population estimated Middle of each Year	Uncorrected Number.	Number.	Rate.*	Number.	Rate.*	of Non-residents registered in the District.	of Residents registered in District.	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
1907.	154,342	3967		25.7	1953	12.5	149	97	371	94	1901	12.
1908.	157,698	4017		25.5	2053	13.0	137	105	398	99	2021	12.
1909.	161,078	3938		24.4	1974	12.3	165	70	313	79	1879	11.
1910.	166,884	3810		22.8	1817	10.9	145	111	331	87	1783	10.
1911.	170,451	3760	3748	22.0	2069	12.1	177	130	395	105	2022	11.
1912.	174,257	3861	3859	$22 \cdot 1$	1934	11.1	200	159	297	77	1893	10 -
1913.	178,094	3890	3895	21.8	2110	11.8	204	190	368	94	2096	11.
1914.	181,956	4027	4007	22.0	2041	11.2	234	177	319	79	1984	10-
1915.	177,345	3699	3704	20.8	2463	13.8	269	221	307	83	2415	13.

\* 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.

			C.	ASES	NOTIF	IED II	к who	le Di	STRIC	r.		TOTAL	CASE	S NOT	IFIED	IN E.	ACH L	OCALI	TY.	REMOVED MLS OR 81A.
						At A	ges—1	lears.								od.	ood.	Heath.	not d.	CASES REM HOSPITALS O SANATORIA.
Notifiable Disease.			At all Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 & upw d.	West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton H	Institution cases which could not be distributed.	Total Case To Hospi Sanat
Small-pox																				
Cholera (C) Plague (P)																				
Diphtheria (including Mem Croup)	brano	us	195	3	54	101	23	12	2		27	35	12	27	7	44	14	29		179
Erysipelas			82	4	1	2	9	35	24	7	22	18	8	2	3	21	2	6		2
Scarlet Fever			414	2	117	217	53	24	1		60	81	30	66	35	66	60	16		363
Typhus Fever																				
Enteric Fever			22		2	4	5	9	1	1	4	2	5	3	4	4				12
Relapsing Fever (R) Continued Fever (C)																				
Puerperal Fever			12				4	8			5	1	2	1	1		1	1		9
Cerebro-spinal Meningitis			24	2	3	10	4	5			8	3	2	2	3	3	3			18
Poliomyelitis			4			4						1				2		1		2
Ophthalmia Neonatorum			30	30							14	3	4	2	2	4		1		2
Pulmonary Tuberculosis			379	1	12	39	75	190	55	7	83	25	22	36	44	80	10	69	10	185
Other forms of Tuberculosis,			171	4	37	69	37	16	7	1	55	9	16	9	9	29	3	38	3	23
Totals			1333	46	226	446	210	299	90	16	278	178	101	148	108	253	93	161	13	795

TABLE II. Cases of Infectious Disease notified during the Year 1915.

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

21

# TABLE III.

Causes of, and ages at, Death during Year ending December 31st, 1915, 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

				-	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
.sb	18wqu bas 38	-	1	:	:	:	::										20					1.8.1	:		
	46-65.		:	:			:				.:	::		:			18	4.6.4	••••	::					:
	52-42*					:		:	:		1	-			:	1	00	:	:	:	::			:	:
	12-52		01		:	:			:	:		::		:			01		:	. 4.5	:				
	5-15.		:	:		:	:.	:	:		19	01		-	;	::	-			::	:			::	1
	5-2-		:	:	:		:	;		:	45	C1	10	0	:		1	:	* * *	***			:		1
	1-2.		;	:	:		:		:	::	28		+ -	-	:		1. B. B.						::		
	.I-0		:	:	;	:	••••	;	:		15	:	00	:			: ; ;						:	.++	01
7 Res*	Females all		00	:		:	:	:	:	::	47		+	4	:	1	18								0
.86	Males all Ag		i	:	::	:	:				61	20	00 0	6			27		:					:	:
•84	BAN IIS ISTOT		00	:		:	:		:	::	108	24	3	10		1	45	:						:	00
.8	esaO desupaI		:	:		:		:			00		- 0	N	:										:
perred	Total Istor Total Tatification Total Tatification Total Tatification Total Tatification Total Tatification Ta		C1		:		*	:			13	2	-	8			9					***			-
buted.	Deaths which Deaths which not be distri			:										:											••••
	Thornton Heath.		:	:		:	:	:			53	1	10	-	::		-	-	:	:	:				
	Upper Norwood.		;	:	::		:	;	:	:	1		61.	-			00						:	:	:
	Norwood.		:	:		:	;				11		- (	21			12					::	+ * *	:	:
LOCALITIES	.dtuo2		:	:	:			:			-		:	1	:		L-	:							:
CALI	East.		:	:	:			:	:		4	1	: '	-			9				:		:	::	
IO	Central.		1	:	:	:	:	::		:	-	:	- 0	N	:	14.4	x	:		:	::		:	:	-
	North.		C.3	:	:	:	:	:	:	:	13	67		-	:	-	4		:	:	:	::		:	-
	.ts9W		:	:	:			:	:		42	-	01.1	e			+		:	:	:		:	:	-
			:	:		:	:	:																:	
			:	:	:																			:	:
	CAUSE	IGeneral Diseases.				Fever				::					ryngitis										
	CA	IGener	Enteric Fever	Typhus	(A) Relapsing Fever	(B) Mediterranean Fever	Malaria	Small-pox (A) Vaccinated	-	(C) Doubtful	Measles	Scarlet Fever	Whooping Cough	(A) Diphtheria		(C) Croup	Influenza	Miliary Fever	Asiatic Cholera	Cholera Nostras	Dysentery	Plague	Yellow Fever	Leprosy	Erysipelas
	No.		-	23 65	>		4 1	0			91	-	00 0	70			10	H	12	13	14	15	16	11	RT
	4		-	-		-		-	_			_	-	-						18					

1		1									1			1			Ì							
,	(A.B.C.D.) other Epidemic Diseases																							
	(A) Mumps																				+ + +			
	(B) German Measles				***											145				***				
	(C) Varicella																			***				
	(D) Other Diseases included under 19																			***	***			
	(A.B.C.) Pyæmia, Septicæmia															1.20								
	(A) Pyæmia																							
	(B) Septicæmia			1	***			**				1	1	1	- 63	1	1							
	(C) Vaccinia																			***				
	Glanders																			***				
	Anthrax (Splenic Fever)																	***						
	Rabies																		***	***	**			
	Tetanus		1									1	1	1	1					1				
	(A.B.) Mycoses																							
1	(A) Actinomycosis																							
1	(B) Other Mycoses																					***		
1	Pellagra																				**			
	Beri-beri																							
	(A.B.) Pulmonary Tuberculosis (not acute)															20122					1000			
	(A) Pulmonary Tuberculosis		25	30	7	18	12	17		6		46	2	110	61	49				5	15	56	26	8
	(B) Phthisis (not defined as tuberculous)		20	9	5	5	4	9	2	8	1	14		63	38	25	***				8	33	19	3
	(A) Acute Phthisis		3		2	1	3	1	2			4		12	9	3	1	1	1	2	2	2	2	1
	(B) Acute Miliary Tuberculosis		2					1						3	3				1				2	
	Tuberculous Meningitis		13	4	2	1	1	3		3		9		27	16	11	3	6	5	9	2	2		
	(A.B.) Tuberculosis of Peritoneum and Intestin				-	-	-																	
	(A) Tabes Mesenterica									1			1	1	1		1						140	
	(B) Other Peritoneal and Intestinal Tuber		3	1	ï		1	1				2		7	2	5	1	1	1	1	1	2		
	Tuberculosis of Spinal Column		1	î					1			1		3	1	2	1				1	2		
	Tuberculosis of Joints		2	2		***						â		4	3	ī	1			2	1			
	(A. B. C.) Tuberculosis of other Organs		-	~	• •				***					-	-									
	(A) T										1 3.7										1.1			
1	(B) Scrofula					***		1	***			2		4	3	1						2	2	
	(C) Other Tuberculosis included under 34		2					1		***		2	•••	4	3	î						2	1	1
			20	2	1		1	1	***			4		7	5	2			2	1	1	3		
	(A.B.) Rickets, Softening of Bones		4	2		L	T	T			***	A				~			-					
	(A) D'L															1.1.1								
	(A) Rickets (B) Other forms of Bone Softening			••••											***	***		100				10000		
	(b) Other forms of bone Softening						***					***					***			***		***		

				LO	CAL	ITIE	s.			Street could nted.	buted buted.		ss.	68.	Ages.								ds.
No.	CAUSE.	West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.		Institution & Deaths which not be distrib	Total Institution Denths distribution and not distribution	Inquest Cases	Total all Ages	Males all Ages.	Females all 4	0-1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwards
37 38	Syphilis	1		***	1		•••			144			2		2	1		***	•••	• •	1		***
00	(A) Soft Chancre																						
	(B) Gonococcus Infection																						
	(C) Purulent Ophthalmia							**						12									
39	Cancer of the Buccal Cavity		2		_	2					4		7	7		***		***			1	4	2
40	Cancer of the Stomach, Liver, &c	8	8	8	7	7	13	1	3	1	13		56 46	33 23	23 23	***			***		. 6	$\frac{22}{14}$	28 28
41 42	Cancer of the Peritoneum, Intestines & Rectum		58	42	82	3 4	10	43	$\frac{1}{2}$		9 12	1	40 32		23 32	***		***	1		$\frac{4}{3}$	21	28
43	Cancer of the Female Genital Organs Cancer of the Breast	1	4	2	2	4 6	$\frac{4}{2}$	3 1	2		4	1	21		21						4	9	8
44	Cancer of the Breast	1		ĩ	-	0	4			***			2	1	1								2
45	Cancer of other or unspecified Organs	~	4	6	6	3	4	3	3		10		34	28	11				1	1	5	11	16
46	(A.B.C.) Other Tumours (situation undefined)						-																
											***							**					
	(B) Adenoma					***																	
					1		•••						1		1			***	1				
47	Rheumatic Fever	2	4			1		1	1		2		9	8	1				2	1	3	3	
48	(A.B.) Chronic Rheumatism, Osteo-arthritis																						
	(A) Chronic Rheumatism (B) Osteo-arthritis	2		1		2		1			2				5						1		
	(B) Osteo-arthritis					-					-												
49	Scurvy																						
50	Diabétes	5	6	5	2	3	8				8	1	29	11	18			1	1	2	9	9	7
51	Exophthalmic Goître	2					1				1	***	3		3					1	1	1	
52						***			***			***						***					
53	(A.B.) Leucocythæmia, Lymphadenoma					-	0						0	0				1					
						1	2						3	2	1	***		1				1	1
1	(B) Lymphadenoma	***		***			1		1.8.8	***.		+ 4 +	1	1		1.4.4				***	1	***	* * *

			10			1						~		1	0	4					2	1	2	7
	Thenney Childroom the		1	3		2	1					2	1	7	- 2	5					2	1	0	1
	(A.B.C.D.) Other General Diseases												1000											
						***		***		1		1		2	1		1							1
			***		***					1				2	2	-	2							
			***		***	***		1		1					ĩ								1	
			1			***			***			2	1 3	1	3							2	î	1225
			2	1					•••	***		2	3	3	0	•••		***		***		~		***
	(A.B.) Chronic lead poisoning																							
L	(A) Occupational lead poisoning		***		***				***			***				200				- 4.4		***		
					***						··· i							1.1.1		4.8.8		•••		
	Other chronic occupational poisonings				4.9.9					***						100							1	
	Other chronic poisonings	***								1			1	1		1		***			***		1	
l	II Diseases of the Nervous System and of th	e																						
ł	Organs of Special Sense.																							
	Encephalitis						1					1		1	1							1		
				•••																				
	(A) Cerebro-spinal fever (B.C.) Meningitis, other forms or undefined	***				***							***											
	(The The second se			0		2						4		4	4		2			1	1			
			6	2 6	2			2	4			11	1	24	15	9	2	2	3	9	3	3	1	1
				2		•••	1	2			1	2	1	5	4	1						1	3	1
			***	2			•••	-			-	-	T	0	4	1								
1	(A.B.) Other diseases of the spinal cord													1.1		1.1								1
1	(A) Diseases formerly classed to " Othe	er					0	1		1		1	81		3									4
				***			2	1			••••	6		$\frac{4}{10}$	57	3				2		1	5	2
	( ) o more more more o		1	5	1	1	1	1	***	•••		0		10	1	9						-		
	(A.B.C.D.E.) Cerebral hæmorrhage, Apoplex							3		1						0							1	6
	(A) Apoplexy				***	1	1	0		1		$\frac{1}{2}$	1	7 2	4	3			***				i	ĩ
					1			1							T	1					***		-	1.5
	(C) Cerebral congestion		***	***					***	***			***		- 4.1		***	•••	***					1
	(D) Cerebral atheroma				12			1			***			1		1		***				7	43	81
	(E) Cerebral hæmorrhage		26	31	11	17	18	14	9	7		34	15	133	48	85	2						2	2
	Softening of brain		1	2			1					4		4	2	2			***				2	2
	(A.B.C.) Paralysis without specified cause						-									-						1	2	7
	(A) Hemiplegia		2	1		2	2	2			1	1		10	5	5			***	***		1	-	
	B) Paraplegia																			***		***		
	(C) Other forms of paralysis			1								1		1	1								1	

						I	OCA	LITH	cs.			Street could	buted buted.				Ages.								ds.
No.	CAUSE.			West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.	Institution & Deaths which not be distrib	Total Institution Deaths distributed and not distributed.	Inquest Cases	Total all Ages.	Males all Ages.	Females all A	0-1.	1-2.	2-5,	5-15.	15-25.	25-45.	45-65.	65 and upwards.
67 68 69 70	Other forms of mental alienation	 		3  2	3 1 3		 1 1	1 1	4  1	 1 	1 2 1	3 1 	$\begin{array}{c}14\\6\\3\end{array}$	 1 	15 6 9	$\begin{array}{c}11\\3\\6\end{array}$	4 3 3	  1			  3		10 1 1	5 4 2	 1 2
71	(A) Epileptiform convulsions																								
72	(A) Convulsions with teething (B) Other infantile convulsions			 1	35	$\frac{1}{3}$	 3	$\frac{1}{2}$	 4	 2		···· ···	1	$\frac{2}{13}$	5 21	2 13	3 8 1	$4 \\ 19$	1	 1					
73	(A.B.) Hysteria, Neuralgia, Neuritis (A) Hysteria, Neuralgia, Sciatica			1		1							1		2		2					1	1		1
74	<ul> <li>(A.B.C.D.) Other diseases of the ner</li> <li>(A) Idiocy, Imbecility</li> <li>(B) Cretinism</li> <li>(C) Creckel transmission</li> </ul>	vous syste 	em	1							1				$\frac{1}{2}$	 1 2		 1 1							
75 76	(D) Other diseases included under Diseases of the eyes and annexa	74			2	 1		···· ····	2	``i 		···· ··· ···	3		511	2	311	 1 				1	2	1	1  1
76	(B) Other diseases of the ears						1				1		2 1		2 1	1	1				1	1			
77 78	III.—Diseases of the Circulatory . Pericarditis				1		2	1			1				5	3	2					2	1		2
	<ul> <li>(A) Acute myocarditis</li> <li>(B) Infective endocarditis</li> <li>(C) Other cente and condition</li> </ul>			 2 2		 1	 1						2		 4 2	2	 2 2							 1 2	

79 79 79 80 81 81 81 82 82 82 83	<ul> <li>(A) Valvular disease</li> <li>(B) Fatty degeneration of the heart</li> <li>(C) Other organic disease of the heart</li> <li>(C) Other organic disease of the heart</li> <li>(A) Aneurysm</li></ul>	urt   osis		30 3 7 1 35 1 1 1	$17 \\ 4 \\ 19 \\ \cdots \\ 17 \\ 1 \\ 3 \\ \cdots$	19 2 12  8  6 	17 4 8 .:2 9 .:3 .:	$24 \\ 3 \\ 18 \\ 2 \\ 1 \\ 7 \\ 5 \\ 2$	5 1 3  8 	$13 \\ 2 \\ 11 \\ 1 \\ 2 \\ \\$	 1  1 	44 7 4  1 46 1  1	$     \begin{array}{c}       14 \\       7 \\       14 \\       4 \\       3 \\       4 \\       \dots \\   $	$     \begin{array}{r}       145 \\       24 \\       90 \\       5 \\       5 \\       93 \\       2 \\       20 \\       3     \end{array} $	$     \begin{array}{r}       62 \\       15 \\       36 \\       2 \\       2 \\       40 \\       1 \\       9 \\       2     \end{array} $	$83 \\ 9 \\ 54 \\ 3 \\ 53 \\ 1 \\ 11 \\ 1$			1  1  	7 2   1	4	20 2 6   1	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$     \begin{array}{r}       70 \\       17 \\       60 \\       1 \\       2 \\       87 \\       2 \\       18 \\       \dots     \end{array} $	
84 84 85	<ul> <li>Haemorrhoids, Phlebitis, &amp;c.)</li> <li>(A) Phlebitis</li> <li>(B) Varix</li> <li>(C) Pylephlebitis</li> <li>(D) Varicocele</li> <li>(A) Status lymphaticus</li> <li>(B) Other diseases of the lymphatic</li> <li>(A. B. C.) Hæmorrhage; other disease of the her</li> <li>(A) Functional disease of the her</li> <li>(B) Epistaxis</li> <li>(C) Other diseases included under</li> </ul>	r 85	· ····		···· ··· ··· ··· ···	····	····	···· ··· ···				1   	···· ··· ··· ···	1  1  1 	1	···· ··· ···	  1 						1		12
86 87 88 89 & 90 91 92	IV.—Diseases of the Respirators Diseases of the nasal fossæ (A. B.C.) Diseases of the larynx (A) Laryngimus stridulus (B) Laryngitis (C) Other diseases of larynx Diseases of the thyroid body (A. B.) Bronchits (A) Bronchits (A) Bronchits Broncho-pneumonia (A. B.) Lobar and undefined. (A) I obar pneumonia (B) Pneumonia (type not stated)	··· ··	1  1 57 23 7	1  31 9 6	 1  20 9 2 5	 2  22 6 3 7	 1  24 7 3 3	   40 15 12 9	  10 3 2 1	   11 18 3 4	··· ·· ·· ·· ·· ·· ·· ·· ·· ··	 1  1 42 12 8 2	   10 7 2 8	1 5  1 218 90 42 48	 1 3  1 96 41 23 23	 2  122 49 19 25	   1 13 30 2 7	 1 1  9 14  2	 2  2 13  1	 1  2 2 3 3	   1	  2 2 9 9	 1  27 8 19 11	  163 20 13 14	

				L	DCAL	ITIE	s.			& Street ch could ributed.	ibuted ibuted.	ŝ	08.	(es.	Ages.								rds.
No.	CAUSE.	West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.	on	Total Institutio Deaths distribut and not distribut	Inquest Cases	Total all Ages	Males all Ages.	Females all	.1.	1-2.	2-5.	5-15.	15-25.	25-45.	45-65.	65 and upwa
93 94	(A.B.) Pleurisy (A) Empyema (B) Other pleurisy (A.B.C.D.) Pulmonary congestion, Pulmonary						 1						<sub>1</sub>	1									 1
95 96 97 98 98	(A) Pulmonary apoplexy and infarction         (A) Pulmonary apoplexy and infarction         (B) Pulmonary codema and congestion         (C) Hypostatic pneumonia         (D) Collapse of lung (3 months and over)         (D) Collapse of lung (3 months and over)         Gangrene of the lung         Asthma         Pulmonary emphysema         (A) Fibroid disease of lung         (B) Other diseases of the respiratory system	3	2 1  2  1	   	···· ··· ··· ··· ···	··· 1 ··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	   		···· ··· ··· ··· ···	·   	 1  2 3 		 3 1  18 5  1	 3  8 2  1	 1  10 3 	···· ··· ··· ···				   	   	  8 2 	
99 99	V.—Diseases of the Digestive System. (A) Diseases of the teeth and gums												1		1	1							
99	(B.C.D.) Other diseases of the mouth and annexa (A) Thrush, Aphthous Stomatitis (B) Parotitis																			,			
00	<ul> <li>(C) Other diseases included under 99</li> <li>(A.B.C.) Diseases of pharynx, Tonsillitis</li> <li>(A) Tonsillitis</li> </ul>		•••										2		2			1	1				••
01 02	(B) Ludwig's angina (C) Other diseases of the pharynx Diseases of œsophagus Perforating ulcer of stomach	1					1		"1 …		 1  4		$     \begin{array}{c}             2 \\             1 \\           $	$\begin{array}{c} \ddots \\ 1 \\ 1 \\ 2 \end{array}$	1  2	 1		· 		1 	  1	 1 3	

103 103 *104 & 105 106 107 108 109 109 110 111 112 113 114 114 115 116	<ul> <li>(B) Other diseases of the stomach</li></ul>		1 3 3 1 2 3 2 2  1  1 5 4 4 4   10  	1 1 1 2 		1  2 2 1 1  1  1 1 1 1 1 1  3  3   		2  1 1 1 1    	6 	······································	4 4 4 1 3  2  10 6 9 9  5  2  2  2  2  10 6 9   2  10  2  10 	····22 ·····22 ·····22 ······ ·········	$\begin{array}{c} 111 \\ 6 \\ 21 \\ 9 \\ 9 \\ 13 \\ 12 \\ 7 \\ \\ 3 \\ 2 \\ \\ 1 \\ 15 \\ 7 \\ 7 \\ 19 \\ 1 \\ \\ 22 \\ \\ 22 \\ \\ 24 \\ 4 \\ \\ \end{array}$	633 8660 655  1100 6515 11 112  112  112 	5533 13336 22:111 514  10  3	2 3 15 5 5 9 5  1  1  1 	1 3 3 1 1 1 1 	···· 22 ···· 11 ···· ··· ··· ··· ··· ··· ··· ··	······································	···· ··· ··· ··· ··· ··· ··· ··· ··· ·	1 2 	3  2 1  2 1  2 2 6  2 6  1 4  1 4  1 3 	4  1 2  1  4 7 1  6  1 1 	
115	diseases of liver and gall bladder " Biliary calculi Other diseases of the liver (A.B.) Diseases of the spleen	1		 ] 1									2	 1 1	1							 1 3	1	
117 118		1 	 		  1		 1 	···· ····		···· ····	 1 1		 2 2	 1 1					···· ····	••••	 1 1	  1		
	(b) other diseases mended under 116	···						***																

TABLE III-continued.

				L	OCAI	LITIE	s.			Street could uted.	tion buted buted.	в.	s.	85	Ages.								
No.	CAUSE.	West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.	Institution & Deaths which not be distrib	Total Institu Deaths distri and not distri	Inquest Cases	Total all Ages.	Males all Ages.	Females all A	0-1.	1.2.	2-5.	5-I5.	15-25.	25-45.	45-65.	
	VI.—Non-Venereal Diseases of the Genito- Urinary System and Annexa.																						1
19 20	Acute nephritis	1	1	1				1					4	3	1	2							
20	(A) Bright's disease as in 1301 list B <sub>1</sub> Nephritis (unqualified), 10 years and ove		8	3	8	10	9	1	1		13	2	54	32	22					1	4	14	1
		2	2	3			4				2		11	4	7						1	5	
21 22	(A.B.C.D.) Other diseases of the kidney and annexa	ï			•••					•••													
											***						****						
	(C) Suppression of urine						1						1	1									1
00	(D) Other diseases included under 122 .		2	1			1				3		4	4		***				***		1	
23 24		. 1			***	1			1		1	***	2	1	1			***	***			1	
24 25	Diseases of the bladder (A.B.) Diseases of the urethra, Urinary abscess &c.	2		•••				2			2		5	4	1	•••						•••	
					***												·						
26	Diseases of the prostate		2	2	3	2	1	1	2		4		13	13						***			18
27	Non-venereal diseases of male genital organs .			***	***										***		***						
28	(A.B.) Uterine hæmorrhage (non-puerperal)																						
							***	***	***	***		***					***	***					
29	Utaring tumour (non concercus)														11	***	***						
00	Oterine tumour (non-cancerous)	. 1		+ = +								***	1		1		***	***		***			

30

	(A. D.). Other discourse of the strengt																						
30	(A.B.) Other diseases of the uterus (A Disorder of menstruation (except mer																						
	(D OIL ):																						
1	Ovarian cyst, tumour (non-cancerous) .		1			1					1		2	1	1						1		1
2	(A.B.) Other diseases of the female genital organ																						
	(A) Diseases of ovary (excluding ovarian																						
									***				1.		***	•••		***	***				
						1							1	1				1	+ + + +				
3	Non-puerperal diseases of the breast (non-	1								1		1.00											
	cancerous) ··· ·					***	***		***			***					***	***	***		***	***	•••
	VII.—The Puerperal State.																						
1	(A.B.C.D.E. Accidents of pregnancy																						
								***							***	***		***					
j						1						***	1		1						1		
															***	***			***		***		
				***		***	***	***	***	***			***			***	***		***	***	***	***	**
_		·· ···				***	***		1.4.4	***		***	1	***	1	***	•••	***		***	1	***	**
5	(), I	" 1				***	***			***			1		1		***		***	***	1		
6 7		1	1	1			***	***	2			4	- 5		5						2		
3	(A.B.C.) Puerperal albuminuria and convulsion	1	1	1			***		~		***	-							***		~		
2	· / · · · · · · · ·																						
	(B) Puerperal albuminuria & Bright's disease							1				1	1		1						1		
	ioin ' i l'					1							1		1						1		
9	(A.B.) Puerperal phlegmasia alba dolens, em											1				100000							
	bolism, and sudden death																						
	(A) Puerperal phlegmasia alba dolens,											1.68											
	phlebitis				***										+++								
	(B) Puerperal embolism and sudden death .														***		***	***	***	***		***	
0													***				***	***		***			
1	Puerperal diseases of the breast					***	***		***.														
															1								

					L	OCA	LITH	ES.			& Street ch could ibuted.	sitution stributed stributed.	.8.	68.	es.	Ages.								rds.
₹o.	CAUSE		West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.	Institution & Deaths which not be distri	Total Institu Deaths distr and not distr	lest	Total all Ages	Males all Ages.	Females all	0-1.	1.2.	2-5,	5.15.	15-25.	25-45.	45-65.	65 and upwards.
	VIII.—Diseases ot the Skin and of a Tissue.	the Cellular																			(			
12 12	(A) Senile gangrene (B C.D.) Gangrene, other types		1		1		1			1				4		4								4
-	(B) Noma, Gangrene of mouth											1		1		1			1					
	(C) Noma pudendi (D) Other gangrene		12.00		***		***	***				***						***			***			**
3	Carbuncle, Boil						***																	
4	(A.B.) Phlegmon, acute abscess		1											1	1									
	(A) Phlegmon (B) Acute abscess						1			***		1		1	1		·							
5	(A.B.C.D.) Diseases of the integume						-										-							
	(A) Ulcer, Bedsore				***	***		1				1		1	1			***			***	1		•••
	(B) Eczema (C) Pemphigus			1																				1
	(D) Other disease of integumental	rv system		***																				
	IX. – Diseases of the Bones and of a of Locomotion.																							
16	Diseases of the bones			1			1	1				3		3	1	2	1						2	
7	Diseases of the joints														***				***		***		***	
8	Amputations			+ + + +	***										***						***			
19	Other diseases of locomotor system		***				***								***						•••			
50	D DL	 eart *	0	  1	 1 	 2 1		 3		 3		1 1		1 2 10 4	$     \begin{array}{c}       1 \\       2 \\       5 \\       2     \end{array} $	5 2	1 2 8 3		  1					

	XI.—Diseases of Early Infancy.																					
$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$		. 15	12	5	10	8	6	3	7	 7	3	66	40	26	66							
1	(B.C.D.E.) Infantile debility, Icterus & Sclerem (B) Infantile atrophy, debility and marasmus		7	8	4	3	6	1	4	5	1	39	26	13	39							
	(C) Tatana and the	10			-						-					***	***	•••	***			***
	(D) Salarama and and an an an at									 												***
30	(E) Want of breas milk									 												
2	(A.B.C.D.) Other diseases peculiar to early infancy																					
		. 1								 		1	1		1	-						
	(B) Atelectasis	1			2		3	***		 1	1	6	. 3	3	6							
	(C) Injuries at birth						1			 		1	1		1	***			***	***		
3	(D) Cyanosis neonatorum	•••••••	***		1	***		***		 		1	***	1	. 1							***
1				***		***	***			 												***
	XII.—Old Age.																					
1	(A.B) Old age																					
	(A) Senile dementia					1	1		***	 		4	3	1		***	***		***		1	3
	(B) Senile decay	21	12	11	12	4	4	6	4	 4	9	74	21	53		•••	***		***			74
	XIII.—Affections produced by External Causes.																					
5	Suicide by poison									 												
5	Suicide by asphyxia	. 1								 	1	1	1								1	
7	Suicide by hanging or strangulation						+++			 										***		
3	Suicide by drowning								1	 	1	1	1									1
	Suiside by autting and pissaing instruments		1 2		1		1			 2	3	8 3	3 2		***			1		2	···: 1	
i	Suicide by jumping from high place					***	1			 1	1.5	107.15	7	T						1		1
2	Suicida by cruching									 												
3	Other suicides									 												
1	Poisoning by food									 												
5	Other acute poisonings	. 1							1	 2	2	2	1	1						1	1	
5	Conflagration					1				 1	2	2	***	2							1	1
7	Burns (conflagration excepted)		2			***			***	 4	4	5	3	2	2	2	1					
2	Absorption of deleterious gases (conflagration excepted)	1 1			1				0		0	0	C									
)	Agaidental drawning				1	***	1		3	 	6	6	6	1.	5					***	1	***
5	Industry has Conserved	6	2			···· 1		••••	1	 13	12	16	12			•••		2	6	6	2	
i	Injury by autting or planning unchanged									 			12									

						TA	BL	E	III-	-conti	nued												
				L	OCAI	LITIE	s.			Street could nted.	tion buted buted.		8.	18.	Ages.								ds.
No.	CAUSE.	West.	North.	Central.	East.	South.	South Norwood.	Upper Norwood.	Thornton Heath.	n & trib	Total Institution Deaths distributed and not distributed	Inquest Cases	Total all Ages.	Males all Ages.	Females all A	• <b>1</b> .	1-2.	2.5.	5-15.	15-25.	25-45.	45-65.	65 and upwards.
172	Injury by fall	6	4	2	2				4		13	16	18	16	2					1	2	3	12
173	Injury in mines and quarries																						
174	Injury by machines						***			1				***									
175	Injury by other crushing (vehicles, railways,														1000								
100	landslides, &c.)	7	4	1	1	3					11	16	17	14	3			2	1	4	4	3	3
176	Injury by animals				***		***					1.36								***	***		***
177 178	Starvation			***		***	***	***															
178	Excessive cold				1.9.9	•••	***				***												
180	Tinhaning		T			••••	***							1	•••			17	1		***	***	
181	Flastwister (lightsign susset a)		***			***		1	***				1						***	***	1		
182	Homicide by firearms	14433														-				***			
183	Homicide by cutting or piercing instruments																						
184	Homicide by other means	10000																					
185	Fractures (cause not specified)		2	1		1					4	4	4		4								4
186	Other violence		1	2	1						3	3	4	3	1			1		I	1		1
															81								
	XIV.—Ill-Defined Causes.		100																				
187	Dropsy			- 4					100			***					***	***		***			
188	(A) Syncope (aged I year and under 70)		1	***	***	2							3	1	2				1		1	1	
188	(B) Sudden death (not otherwise defined	1		***		***	1							1			***					1	
189 189	(A) Heart failure (aged I year and under 70)		2	1	+	***	2				1	1	6	3	8	***	***				1	2	3
109	(B.C.D.E.) Other ill-defined causes												1.1										
	(B) Atrophy, debility, marasmus (aged I year and under 70)					1							1		1								1
	(C) Testhing			***		T							-		T			**	***		***		
	(D) Dunania	1.55				***	***	***												•••			
	(E) Other ill defined deaths																						
189	(F) Cause not specified		1						1		2		2	1	i				1		1		
				_																			
	TOTALS	553	451	236	254	248	348	99	208	18	641	235	2415	1235	1180	307	87	105	112	. 86	287	492	939

he 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.

## TABLE IV.

# County Borough of Croydon-Whole Borough.

# INFANT MORTALITY.

1915. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUS	ES O	F DEA	ATH.		Under 1 Week,	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under v Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under One Year.
All Causes.							1							1
Certified Uncertifi	ed.	•••			87 	20	15 	6 	128 	53 	45	39 	42 	307
Small-pox														
Chicken-pox													+ + + +	
Measles	***					1			1		2	3	10	16
Scarlet Fever														
Whooping Co	ug h		••••			1.00	1.00				2	1		3
Diphtheria an	d Grou	·P•••			***	***		***			***	***		
Erysipelas												1	1	2
Fuberculous	Manin	titie			1	1					1.000	2	1	3
Abdominal T					***					***		1.00		
Other Tuberc														
						1000					1000			
Meningitis (n	of 7 ube	reulous	)			1			1			2		3
Convulsions					5	5	1	1	12	4	2	1	4	23
aryngitis				***	1.00									
Bronchitis			•••	•••		1			1	4	4	3	2	14
Pneumonia (a	ll form	s)		•••				1	1	11	4	14	9	39
Diarrhœa							1		1	1	3	3	1	9
Enteritis					1				Î	3	7	4	5	20
						1000	1000	1.00	1		1	-		
Gastritis										2	1			3
Syphilis											1			
Rickets					+ * *									
Suffocation, o		g			2				2	1	1	1		5
Injury at Birt	h				1				1					1
Atelectasis				••••	4				4					4
Congenital M	alform	ations			4	2	1		7	2	2		2	13
Premature B					54	4	5		63	3	1			67
Atrophy, Deb	ility ar	nd Mara	smus		10	2	6	2	20	13	s	1		42
Other causes					6	4	1	2	13	9	8	3	7	40
				1	-				İ	1	1	1		Ì
					87	20	15	6	128	53	45	39	42	307

Nett Births in the year

illegitimate, 203.

Nett Deaths in the year

legitimate infants 271.

l illegitimate infants, 36.

County Borough of Croydon-West Ward.

INFANT MORTALITY.

1915. Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.	Under I Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under I Month.	I-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under 1 Vear.
All Causes. Certified Uncertified	23	5	5	2	85	· 14 	13	5	15 	82
Small-pox               Chicken-pox               Measles               Scarlet Fever               Whooping Cough               Diphtheria and Croup				···· ··· ···		····	 1 	 1 	 5 	···· 7 ···
Erysipelas										
Tuberculous MeningitisAbdominal TuberculosisOther Tuberculous Diseases	···· ···	···· ···		···· ···	 	···· ····		1  1		1
Meningitis (not Tuberculous)ConvulsionsLaryngitisBronchitisPneumonia (all forms)	"i …	1	···· ····	   1	1 1  1	  2 2	 2  2	   1	  2 3	1 3  6 7
Diarthœa Enteritis			1		1	1	1 1	1 1	$\frac{1}{2}$	5- 5-
Gastritis             Syphilis             Rickets             Suffocation, overlying            Injury at birth            Atelectasis	   1			···· ··· ···	   1		1			1   1
Congenital Malformations Premature Birth Atrophy, Debility, and Marasmus	$\begin{array}{c}2\\12\\5\end{array}$	 1 1	1 1 1	  	$\begin{array}{c}3\\14\\7\end{array}$	$\begin{array}{c}1\\2\\4\end{array}$	  3	 	 	$\begin{array}{c} 4\\16\\14\end{array}$
Other causes	1	2	1	1	5	2	2		2	11
	23	5	5	2	35	14	13	5	15	82

legitimate, 799.

Nett Deaths in the year

legitimate infants, 72.

Nett Births in the year { illegitimate, 45.

l illegitimate infants, 10.

## TABLE IV.

County Borough of Croydon-North Ward.

#### INFANT MORTALITY.

1915. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF D	EATH.		Under 1 Week,	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under , Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under One Year.
All Causes.												Ì
Certified Uncertified			11 	3 	1		15 	11 	12 	8	6 	52
Small-pox		*										I
Chicken-pox												
Measles										1	1	2
Scarlet Fever		•••										
Whooping Cough									1			1
Diphtheria and Croup												
Erysipelas										1		1
Tuberculous Meningitis												
Abdominal Tuberculosis												
Other Tuberculous Diseas	es											
Meningitis (not 7 uber culo	us)									1		1
Convulsions			1	2			3				2	5
Laryngitis												
Bronchitis		••••							1			1
Pneumonia (all forms)		••••							1	1		2
Diarrhœa									2			2
Enteritis								1		2	1	4
Para Inte								1				1
Gastritis		••••					- 14	1				-
Syphilis Rickets		••••										
Suffocation, overlying				•••						***		
Injury at Birth												
Atelectasis												
Congenital Malformations									1	1		1
Premature Birth			10	1	1		12					12
Atrophy, Debility and Ma	arasmus							5	3	1		9
Other causes								4	3	1	2	10
			11	3	1		15	11	12	8	. 6	52

illegitimate, 83.

illegitimate infants, 6.

County Borough of Croydon-Central Ward.

INFANT MORTALITY.

1915. Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEA	тн.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under I Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under 1 Vear.
All Causes. Certified Uncertified			8		3		11	3	4	5	2	25
Small-pox									-			
Chicken-pox												
Measles								(+)	+++			
Scarlet Fever												
Whooping Cough	•••											
Diphtheria and Croup				***		***					***	
Er <b>y</b> sipelas											1	1
fuberculous Meningitis										1		1
Abdominal Tuberculosis			•••	***	***	***					***	1.02
Other Tuberculous Diseases										1	***	1
Seningilis (mat Thebaug (ma)								-		1		1.
Meningitis (not Tuberculous) Convulsions		**:	2					1		1		$\begin{vmatrix} 1\\ 3 \end{vmatrix}$
r			N. N.		***		2		***		-	
Bronchitis			***.		***		***		1	1	***	0
Pneumonia (all forms)									î	î		22
				1.1.1							1.00	
Diarchœa Enteritis		••					***			***		
succentis	••••		**	***			***		2		1	3
Gastritis												
Inchilie							100 -					
Pielete												
ufferention enviluing												
njury at birth												
Atelectasis			***								***	
Congenital Malformations			1									1
Premature Birth			5				5					5
trophy, Debility, and Mara					3		3					3
)ther causes								2				2
			8		3		11	3	4	5	2	25

Neti Births in the year -

illegitimate, 9. Nett Deaths in the year

illegitimate nfants, 2.

39

County Borough of Croydon-East Ward.

#### INFANT MORTALITY.

1915. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUS	ES O	F DE	ATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	r.3 Months.	3-6 Months.	6-9 Months.	9-12 Months	Total Deaths
All Causes.														
Certified					11	5	3		19	4	1	4	3	31
Uncertif														
														_
Small-pox														
Chicken-pox														
Measles														
Scarlet Fever														
Whooping Co	ough													
Diphtheria ai	nd Cro	up												
Erysipelas														
Fuberculous	Menin	ritic												
Abdominal I	heren	Incie	***		***									
Other Tuber						***								
Meningitis (#	at Tul		(24)											
Convulsions						3			3					3
Laryngitis						1.000								
Bronchitis					**							1		1
Pneumonia (a										1		2	1	4
Diarrhœa	***			***										2
Enteritis	••••	***	•••	**			•••			1			1	2
Gastritis														
Syphilis														
Rickets														
Suffocation, o	overlyin	ng												
Injury at Bir	th										•••			
Atelectasis		•••			1		***		1					1
Congenital M	alform	ations			mar	1		200	1		1		1	3
Premature Bi	irth				7	î	2		10					10
Atropy, Deb			asmus		i		ĩ		2	2				4
Other causes				-	2				2			1		3
Juler causes					4				-					
					11	5	3		19	4	1	4	3	31

County Borough of Croydon-South Ward.

#### INFANT MORTALITY.

1915. Nett Deaths from stated Causes at various ages under One Year of Age.

CAUSES O	F DEA	тн.	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.										12		1
Certified Uncertified		••• ···	 									
Small-pox												I
Chicken-pox			 									
Measles			 						1	1		2
Scarlet Fever			 									
Whooping Cough			 									
Diphtheria and Cro			 									
Erysipelas			 									
Tuberculous Menir	gitis		 									
Abdominal Tuberc			 									
Other Tuberculous			 									
Meningitis (not Tu	herroutou	0			-							
Convulsions		5)	 			***		1		1		2
Laryngitis			 									
Bronchitis			 					1				1 1
Pneumonia (all for			 					4	1	1		6
Dianhan										1		1.
Diarrhœa			 				***	***		1 1		1
Enteritis			 				**	1	1	1		3
Gastritis			 	1								
Syphilis			 									
Rickets			 									
Suffocation, overlyi	ng		 									
Injury at birth			 									
Atelectasis		***	 									
Congenital Malforr	nations		 								12	1
Premature Birth			 ~~7		1		8				1	8
Atrophy, Debility,	and Ma		 2				2					2
Other causes			 			1	1	1	1		1	4
			9		1	1	11	8	4	5	1	29

Nett Births in the year { legitimate, 304. illegitimate, 4.

Nett Deaths in the year of { legitimate infants, 27.

(illegitimate infants, 2.

## County Borough of Croydon-South Norwood.

INFANT MORTALITY.

1915. Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.		Under 1 Week.	r-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 I Vear,
All Causes. Certified Uncertified		14	2	2		18	7	6	7	5	43
Small-poxChicken-poxMeaslesScarlet FeverWhooping CoughDiphtheria and Croup			···· ··· ···				····			 1 	 1 1 
Erysipelas											
Tuberculous Meningitis Abdominal Tuberculosis Other Tuberculous Diseases	···· ···	···· ····	···· ····		•••	····	···· ····		••••	1	1
Meningitis (not Tuberculous) Convulsions Laryngitis Bronchitis	  	 	···· ····	"i …	···· ··· ···	 2 	2		  1 5	  	 4  1 9
Pneumonia (all forms) Diarthœa Enteritis							2	1	1		1 2
Gastritis Syphilis Rickets											
Suffocation, overlying Injury at birth Atelectasis		$\begin{array}{c}1\\1\\2\end{array}$				$\begin{array}{c}1\\1\\2\end{array}$	1				
Congenital Malformations Premature Birth Atrophy, Debility, and Marasmus		$\begin{array}{c}1\\6\\1\end{array}$	  1	  1		$\begin{array}{c}1\\6\\3\end{array}$	1  1	  1		1  	
Other causes		1	1			2		1		1	4
		14	2	2		18	7	6	7	5	43

Net Buths in the year

l illegitimate, 15.

Nett Deaths in the year

illegitimate infants, 5

## County Borough of Croydon-Upper Norwood.

INFANT MORTALITY.

1915. Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.		Under I Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under r Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths Under I Vear,
All Causes. Certified Uncertified		5	1 			6			1		7
Small-pox											1
Chicken-pox											
Measles											
Scarlet Fever											
Whooping Cough											
Diphtheria and Croup											
Erysipelas											
Tuberculous Meningitis											
Abdominal Tuberculosis											
Other Tuberculous Diseases											
Meningitis (not Tuberculous)											
Convulsions								***		***	
Larungitis							***	***			
Propabilia			1			1		***			1
Pneumonia (all forms)									1		î
Diarcheea											
Enteritis											
C											
Gastritis											
Syphilis			••••								
Rickets	••										***
Suffocation, overlying Injury at birth	***		***					• • • •	***	***	
Adultation										•••	***
Congenital Malformations											
Premature Birth		3				3					3:
Atrophy, Debility, and Marasmus		1				1					1
Other causes		1				1					1
		5	1			6			1		7

Nett Births in the year

legitimate, 137. illegitimate, 7.

Nett Deaths in the year

legitimate nfants, 7.

l illegitimate infants, 0.

County Borough of Croydon-Thornton Heath.

## INFANT MORTALITY.

1915. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF	DEA	TH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under , Month.	1-3 Months.	3-6 Months.	6-9 Months.	g-12 Months.	Total Deaths Under One Year,
All Causes.										1	I		
Certified Uncertified				6 	4		3	13 	6 	5 	5	9	38
Small-pox													
"hicken nor													
Measles					1			1				2	3
				***									
											1		1
Diphtheria and Croup				•••• •						***			
Erysipelas													
Tuberculous Meningi	tis												
Abdominal Tuberculo													
Other Tuberculous Di													
Meningitis (not Tubera	alous)												
Convulsions							1	1 ï		1000		2	3
Laryngitis													
Decembridia									1				1
Pneumonia (all forms)									2		2	4	8
												000	
Diarrhœa			***										
Enteritis	•••			***						1		•••	1
Gastritis									1				1
Syphilis													
Distanta													
Suffocation, overlying				1				1		1	1		3
Atelectasis	•••	••••											
Congenital Malformat	ions				1			1					1
Premature Birth				4	1			5	1	1			7
Atrophy, Debility and			***				2	2	1	1			4
Other causes				1	1			2		1	1	1	5
				6	4		3	13	6	5.	5	9	38

Nett Births in the year

illegitimate, 19.

Nett Deaths in the year

l illegitimate infants, 6.

#### TABLE V.

Table showing the number of cases notified and deaths from the principal zymotic diseases for the Year 1915 and ten preceding Years.

	191	15.	19	914.	19	13.	19	12,	19	11.	1	910.	19	009.	19	08.	19	907.	19	906.	1	905.
Disease.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths
Diphtheria and (1) Memb.Croup (2) Erysipelas Puerperal Fever Enteric Fever Simple Continued Fever	4 414 195 82 12 22  550	14 3 5 3	748 226 96 9 20  503 	18	··· 470 451 107 6 32 ··· 519 ··· ··	$\begin{array}{c} 16\\ 6\\ 4\\ 6\end{array}$	 476 767 84 10 32  312  	 2 25 6 3 7  140 58 31 13 18 250		37 5 4 7	··· 759 267 69 8 26  130 ···	$\begin{array}{c} & \ddots & \\ & \ddots & \\ & 7 \\ 21 \\ & 1 \\ 1 \\ 1 \\ 1 \\ \cdots \\ 135 \\ 51 \\ 31 \\ 20 \\ 25 \\ 251 \end{array}$	··· 727 356 92 16 21  139 	353	··· ··· 534 405 60 10 52 ··· 106 ··· ···		 661 286 73 7 19  13 	$ \begin{array}{c}                                     $	**************************************		 416 266 78 11 34  75  	11 22 16 7 2 3 3 3 30

 Notifiable since May, 1897. (2) Notifiable since January, 1900. Poor Law Cases, Compulsorily Notifiable 1st Jan., 1609. (3) Voluntary Notifiable, Cases Treated in Hospital, Compulsorily Notifiable 1st May, 1911. All cases of Pulmonary Tuberculosis notifiable 1st January, 1912. All forms of Tuberculosis notifiable 1st February, 1913.

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.

																	TA	BLE	VI																		
										Vit	al S	Stati	isti	cs of a	sep	ara	te '	Wards	in	19	15	and p	revi	ious	ye	ars.											_
NAMES OF LOCALITIES	Ī	1. No	RTH	WAF	tD.	2. W	EST '	WARJ		3. Cent	TRAL	WAR	.D.	4. E.	LST 1	WAR	D.	5. So	итн	WAR	D	6. Sout	'H N Vari	orwo	doc	7. UPPE SUB-	R Ne Divis	DRWO	DOD	8. Thor Sub-	DIVI	HE.	ATH	9. UNI In Births	DISTR istitut and	tion	
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 I Vear.	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 I Year.	Population estimated at 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
		a	b	c	đ		b	c	d		b	e	d	8	n	c	d		b	c	d	a	ь	c	ď		6	c	đ	a	b	c	đ		<i>b</i>	c	
1904						46,741	1319	699	190	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	,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	17,530	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*						50,500	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			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	319		17,521					1.201	21	3
1909*	•••					53,125	1560	721	142	17,394	266	211	24	19,185	396	189	38	20,636	371	198	27	24,195	654	267	39	8,377	151	87	8	18,176	455	184	40			23	
1910*		**				54,459	1489	693	149	17,478	298	179	21	19,736	404	195	33	20,943	376	180	30	24,651	548	239	45	8,888	139	102	6	18,831	474	168	47		82		3
1911		29,701	691	275	51	33,592	800	473	107	16,167	295	199	32	20,175	377	217	42	18,998	360	209	42	25,609	572	335	65	8,128	112	105	10	18,081	430	190	43		111		2
1912		30,450	683	273	46	84 964	829	436	88	16,119	298	190	25	20,743	417	100	27	19,111	370	203	24	26,228	577	281	39	8,115	131	103	14	18,527		174	1				
1913	••	31,117	781	849	69	36,424	800	451	90	16,070	332	216	36	21,823	402	226	37	19,220	337	234	37	26,850	594	319	54	8,102				18,982		182	1		107		••
1914	•	31,809	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	496	159	40		113	21	
Averages of Years 1904 to 1914.	}									17,512	354	230	85	21,057	440	214	38	21,718	374	234	35	24,917	576	318	59	8,813	158	109	11	18,312	462	206	50		108	28	1
Averages of Years 1911 to 1914	}	30,784	721	300	58	35,570	817	452	95																												
Averages of Years 1904 to 1910 inclusive.	h																																				
1915		30 993	669	451	52	36,276	844	558	82	15 985	264	236	25	21,236	447	254	31	19,148	308	248	29	26,732	559	348	43	8,069	144	99	7	18.906	385	208	38	177,845	79	18	

Nores. — 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 SANITARY INSPECTING STAFF. GENERAL SANITARY WORK.

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

*Inspections.*—During the year 4,:93 house to house inspections were made, as compared with 4,185 in 1914.

With very few exceptions the houses from which infectious diseases were notified, including tuberculosis, were thoroughly inspected and the drains examined.

Combined drainage.—The number of systems of combined drainage dealt with as single *private* drains during the year was 12. This work was carried out under the provisions of the Croydon Corporation Act, 1905. The cost of carrying out the necessary works amounted to  $\pounds$  219, and was borne by the owners instead of by the inhabitants at large.

*House drains relaid.*—In 103 instances the whole of the house drains were relaid, and 256 house drains were repaired or partially relaid.

*Examination of drains.*—109 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 87 cases Council Orders had to be applied for. They were all complied with at the end of the year.

Legal proceedings.—In two instances proceedings had to be instituted to enforce Council Orders. One case was that of dampness in a house caused by an unprotected 9-in. brick wall allowing the rain to soak through into the bedrooms of a house rented at  $\pounds_{50}$  a year.

The other case was a defective house drain.

In both cases the Magistrates made an Order for the necessary work to be done.

In each case the Order was complied forthwith.

#### 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 29,139 men and 3,402 women, making a total of 32,541. The average number of lodgers amounted to 80 men and 9 women per night.

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

	Red	ceipts	ş.,	Expe	ndit	ure.
	£	s.	d.	£	s.	d.
1910	 765	13	2	 670	16	II
1911	 802	12	7	 610	7	II
1912	 764	I	7	 662	3	9
1913	 765	6	7	 623	14	4
1914	 822	4	9	 735	8	9
1915	 787	9	I	 737	17	01

#### 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 464 visits, while four houses received night visits.

Minor infringements of bye-laws were detected on 12 occasions, but in no case were they sufficiently serious for legal proceedings to be taken.

#### HOUSES LET IN LODGINGS.

There are 52 houses registered under the bye-laws. During the year these houses received 814 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	 	 	29
Forster Road	 	 	9
Holmesdale Road	 	 	4
Beulah Grove	 	 	1
Ely Road	 	 	8
Princess Road	 	 	I
			52
			-

HOUSE INSPECTIONS made by the Sanitary Inspectors during the year ended 31st December, 1915.

Inspector.		use-to-House nspections.	Informal Notices Served.	Informal Notices complied with.
Culver	···· ·	607	294	252
Peck		672	398	289
Richardson		708	469	470
Vincent		831	345	451
Flint		627	530	499
Hunt		748	410	<u>56</u>
Totals for the	year	4193	2446	2057

As a result of these inspections, 2,446 preliminary notices were served during the year, of which 2,057 were complied with.

The numbers in this table are in addition to 711 inspections of houses where infectious diseases has been notified, and 103 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 VIII.

#### FACTORY AND WORKSHOP ACT.

Section 132 of the Factory and Workshop Act, 1901, provides :---

"The Medical Officer of Health of every District Council shall, in his Annual Report to them, report specifically on the administration of this Act in workshops and workplaces and he shall send a copy of his Annual Report, or so much of it as deals with this subject, to the Secretary of State." The following is a summary of the work done under this Act in Croydon during 1915.

#### FACTORIES.

For the most part, the law relating to Factories is administered by the Home Office. 181 visits were, however, made to Factories, 101 beirg in reference to sanitary accommodation, 28 in reference to cleanliness of earth closets, 15 in reference to new occupation, 4 in reference to alleged smoke nuisance, 4 in reference to extra sanitary accommodation at a munition factory, 7 in reference to extra sanitary accommodation at a potted meat factory, 7 in reference to intervening ventilated space at a signwriter's, 5 in reference to screening of W.C's. at two munition factories, 2 in reference to screening of W.C's. at a steam laundry, 2 in reference to extra sanitary accommodation at a steam laundry, 5 in reference to extra sanitary accommodation at a dairy, and 5 in reference to intervening ventilated space at a steam laundry.

#### WORKSHOPS.

The number of workshops on the register is 728; the number of visits paid by the Inspector is 1498.

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

	Factories.	Workshops	Laundries	Bake- houses.	Work- places.	Out- workers.	Тота
Screening of W C's	2	6	1	-	_	-	9
Cleansing, etc	-	14	6	. 43	4	4	71
Insufficient W.C. accom modation	0	4	_	_	_	-	7
Defective ditto	1	20	3	16	8	2	50
Overcrowding	-	2	-	-	-	-	2
Dustbins	-	-	-	2	-	-	2
Paving	-	_	2	-	_	-	2
Want of ventilation of stoves	-	12	-	-	_	-	12
Want of intervening venti- lated space	2	6	_	_	_	_	8
Sundry defects	1	22	3	18	6	6	56
	9	86	15	79	18	12	119

Factories	 	 	 		7
Workshops	 	 	 		19
Laundries	 	 	 		1
Bakehouses		 	 		5
Workplaces	 	 	 		4
Outworkers	 	 	 		-
				-	
					00

These 36 notices were duly complied with : the remainder of the matters requiring attention were satisfactorily dealt with by verbal notice.

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

#### HOMEWORK.

158 lists were received from employers, containing the names of 367 outworkers residing in the Borough. 146 further names were received from the Medical Officers of Health of various neighbouring districts, and the names of 40 outworkers residing outside the Borough were similarly despatched to the Medical Officer of Health for the district concerned.

128 visits were paid to outworkers.

80 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 91 Bakehouses in occupation, of which 7 were underground. 609 visits were made by the Inspector during the year, and 79 nuisances discovered and abated.

#### WORKPLACES.

At the end of the year there were 90 workplaces on the register. 92 visits to eating-house kitchens have been made, and 18 notices served for cleansing and other defects, which have been complied with.

#### SMOKE NUISANCES.

Forty-two observations were made, and 12 persons were cautioned.

#### MEAT INSPECTIONS.

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

There are 14 registered slaughter houses in the Borough, in addition to the Municipal slaughter houses at Pitlake, which consist of 12 slaughter houses with lairs.

Eight of these slaughter houses are let to private occupiers at annual rentals, the other four are reserved for public use at fixed charges per head of the various animals slaughtered.

During the year 26 notices have been served on the owners of occupiers of private slaughter houses, relative to matters requiring attention under the provisions of the Public Health Acts or the Slaughter House Bye-Laws, chiefly minor repairs to buildings or yards adjoining, all of which have been complied with at the end of the year

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

#### Summary of inspections during 1915.

I.

Date- 1915.	Slaughterhouses.	Butchers.	Fishmongers.	Markets.	Cowkeepers.	Dairies.	Other Premises.	Total.
January 9th	 229	66	33	12	15	33	7	395
February 6th	 130	72	26	8	10	39	5	290
March 13th	 166	86	29	10	11	57	11	370
April 10th	 112	69	19	8	10	17	5	240
May 1st	 110	48	13	6	15	18	8	218
,, 29th	 139	82	23	8	17	27	11	307
June 19th	 109	55	13	6	20	39	5	247
July 10th	 106	68	15	6	10	21	8	234
September 11th	 223	137	26	14	17	47	10	474
October 9th	 122	68	27	8	14	32	5	276
November 6th	 127	81	- 33	8	18	38	5	310
., 27th	 89	60	13	6	18	46	5	237
Totals	 1662	892	270	100	175	414	85	3598

The two following tables shew the number of animals slaughtered at the Public Slaughter Houses, Pitlake, during the year 1915, and a summary of the totals for the last ten years :—

Slaughterhouses.	Cattle.	Sheep.	Pigs.	Calves.	Total.
Private	600	3803	21839	2467	28709
Public	400	1536	567	72	2575
Totals	1000	5339	22406	2539	31284

7	0	T	5	۰.
x	9	Χ.	2	*
	-	*		

#### Summary for ten years, 1906 to 1915.

Year. Cattle. Sheep. Pigs. Calves. Total. Totals ... 

III.

# Summary of Meat and other articles of food destroyed as unfit for food with total weight :---

I	0		5	
	2	•	1	1

-	* 1	•	
	N		
	×		

ART	ICLES.		Weight in lbs.		Remarks.				
		Diseased.	Unsound.	Total.					
Beef		 13,980	2,038	16,018	Including 30 carcases.				
Mutton		 303	885	1,188	,, 27 .,				
Pork		 14,402	92	14,494	,, 71 ,,				
Veal		 168	172	340	,, 8 ,,				
Offal		 6,455	975	7,430	,, foreign frozen offal.				
Fish		 	2,996	2,996	Catfish, Dabs, Dogfish, Herrings, Haddocks, Saithe and Winkles				
Fruit		 	100	100	Tomatoes and Dates.				
Other A	rticles	 	866	866	Potatoes, Onions, Rab- bits & Green Bacon				
To	tal lbs.	 35,308	8,124	43,432	Including 136 carcases.				

Summary of whole carcases condemned, with the reasons for such condemnation and the total weights :---

1915. V.

Class of Animal.	Tuberculosis.	Peritonitis.	Pneumonia.	Fleurisy.	Metritis.	Enteritis.	Swine Fever.	Jaundice.	Mammitis,	Nephritis,	Septicamia.	Measles.	Emaciated, various causes.	Immature.	Injuries.	Decomposition	Total carcases.	Total Weight of carcases in lbs.
Cattle	20	1	1		1	2					1		1		1	1	80	14084
Sheep			4	1									4		5	13	27	1076
Pigs	30	1		1		1	24	7		3		1	1		2		71	8417
Calves						2		1		•	•••			4	1		8	340
Totals	50	2	5	2	1	5	24	8	1	3	1	1	6	4	9	14	136	23917

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

<sup>1915.</sup> 

Animals	affect	ted.	Carcase and all internal organs destroyed,	Part of carcase and all organs destroyed.	All or part of organs destroyed.	Total.
Cattle			20	6	45	71
Pigs			30	250	33	313
Total			50	256	78	384

MAINTENANCE OF LIVE-STOCK ACT AND ORDER, 1915.

The provisions of this Order since the date of coming into operation have been administered from the Public Health Department.

The Order has on the whole offered no particular difficulty.

In one or two instances animals in-calf or in-pig have been slaughtered, but in each case the condition was definitely not obvious.

The restriction on the slaughter of calves in the earlier days of the operation of the Order gave rise to some difficulty in relation to branding. This obviously arose through the neglect of the auctioneer at the sales, and after a short time the provisions of the Order became apparently more thoroughly known, and the work has since then proceeded quite smoothly.

#### DAIRIES, COWSHEDS & MILK SHOPS ORDER.

There were 30 cowsheds on the register at the end of the year, of which 24 were in occupation, as against 28 on the register and 25 in occupation at the end of 1914.

The cowsheds at present on the register provide accommodation for 450 cows, allowing 800 cubic feet per head of air space. The number of cows in the registered sheds at the end of the year was 298.

The number of cowkeepers in the Borough is now 19, the same as last year, one having been added to and one removed from the register.

One shed has been removed from the register, as the premises have changed hands and cowkeeping has been discontinued.

One new shed was registered during the year, providing accommodation for six cows, while extensions added to two sheds on the register provided accommodation for 21 extra cows.

The six sheds not at present in use may be utilised at any time, as cowkeeping is understood to be only temporarily discontinued. In one other case the cows are removed to farms in the country during the summer and autumn months, the registered sheds (two in number) being used for cowkeeping during the winter months only.

During the year seven dairymen or milk purveyors have been removed from the register on account of the business being discontinued or transferred and 14 dairymen or milk purveyors have been added, leaving on the register at the end of the year 260 persons occupying 308 sets of premises.

Nineteen notices were served on dairymen and cowkeepers during the year relating to various matters coming under the provisions of the Dairies, Cowsheds and Milkshops Order, and the regulations made thereunder by the Local Authority, all of which had been complied with at the end of the year.

# FOOD AND DRUGS ACTS.

Table XI. 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.

Date of Purchase.	Defendar	nt.	Charge.	Result.	Pe	nalty	y.	C	osts.	
1915					£	s	d.	£	<b>s</b> .	
an. 5	J. S.		Selling Milk adulterated with 18 per cent. of additional water	Convicted	5	0	0	6	0	(
,, 5	J. S.		Selling Milk adulterated with 17 per cent. of additional water	.,	5	0	0	. 1	0	(
,, 6	J. S.		Selling Milk adulterated with 15 per cent. of additional water		5	0	0	1	0	(
,, 6	J. S.		Selling Milk adulterated with 15 per cent. of additional water		5	0	0	1	0	E.
,, 20	J. S.		Selling Milk adulterated with 15 per cent. of additional water	1	05	0	0			
,, 20	J, S.		Selling Milk adulterated with 16 per cent. of additional water	j	25	0	0	3	5	
,, 21	F. S.		Selling Milk adulterated with 15 per cent. of additional water	)	05	0	0		-	
,, 21	J. S.		Selling Milk adulterated with 13 per cent. of additional water	j "	25	0	0	3	5	
Mar. 5	w. J.		Selling Milk adulterated with 51 per cent. of additional water and 50 per cent. deficient of fat.	,,	2	10	0	0	10	
uly 9	А. Ј.		Selling Milk 21 per cent. deficient of fat	,,	1	0	0	0	10	
,, 9	G. A.		Selling Milk 18 per cent. deficient of fat	,,		_		0	10	3
,, 9	Е. Н.		Selling Milk 25 per cent. deficient "of fat	**	1	0	0	0	15	
Sept. 15	A. D.		Selling Milk adulterated with 2 per cent, of additional water	,,				1	3	
,, 15	A. D.		Səllıng Milk adulterated with 8 per cent. of additional water	,,		_		0	10	
,, 15	W. H.		Seliing Milk adulterated with 23 per cent. of additional water and 16 per cent. deficient of fat	,,	2	0	0	0	18	. 1
,, 15	W. H.		Selling Milk adulterated with 17 per cent. of additional water	,,	2	0	0	0	10	
Nov. 15	H. S.		Selling Butter adulterated with 56 per cent. of foreign fat	,,	5	0	0	0	10	
,, 15	R. T.		Selling Butter adulterated with 52 per cent. of foreign fat	"		_		0	10	

# PROSECUTIONS, 1915.

Total ... 83 10 0 | 22 1 0

57

During the year 337 samples of milk (324 new and 13 skimmed or separated) were taken. In 77 cases (76 new and 1 skimmed or separated) samples were below the standard suggested by the Board of Agriculture.

Proceedings were instituted in respect of 18 of these samples, and fines and costs were imposed on the vendors to the extent of  $\pounds_{105}$  11s. od. The other 59 samples were only slightly below the standard of the Board of Agriculture. In 13 cases the vendors were written to asking for an explanation, and in all cases subsequent samples were taken.

Thirteen samples of cream were submitted for analysis during the year, all of which proved to be genuine.

One hundred and thirty-four samples of butter were faken during the year, two only proved to be not genuine, on account of their containing 56 per cent. and 52 per cent. of foreign fat. The vendors were prosecuted, and were fined in one case  $\pm 5$  and 10s. 6d. costs, and on the other summons 10s. 6d. costs only, this defendant having purchased the butter from the other one.

Ten samples of lard and ten of olive oil were taken, all of which ed to be genuine.

The test samples were purchased in small quantities with other articles by women, generally during the busy periods in the evening.

#### 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, 1915.

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	337	Nıl.
CREAM	. 13	Three. 0.28 per cent. of Boric acid
		2. 0.34 per cent. of Boric acid
		3. 0.35 per cent. of Boric acid

#### 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 ... 6 (ii) Statements incorrect ... 3

	5
	-
Total	 9

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

(i) (ii)	Above Below	35 35	per per	cent.	• • • • • • • • • • • • • • • • • • • •	 9 0
					Total	 9

(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.

3

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

#### No label-Cautioned.

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.

#### RAG FLOCK ACT, 1912.

Seven inspections of premises occupied by upholsterers and bedding manufacturers were made under the Act during the year. No samples were taken.

# TABLE VIII.

Work done by the Sanitary Inspectors during the Year ending 27th December 1915.

	1	1	5	1	1 6	1	1	1		1
	Deputy Chief Insp. Culver.		cke		Richardson		4			
	14 P	Fulker.	Earwick	Peck.	ar		Vincent.	Flint.	Hunt.	
NATURE OF CASES DEALT WITH	C.A.	Fu	(a)	Pe	ich	Bull.	in.	Flin	nF	TOTAL
	bu.	-	-	-		1	P.		-	
	De	Insp.	nsp.	nsp.	nsp.	Insp.	nsp.	Insp.	Insp.	
		H	I	-	1	-	H	-	F	
House to House Inspection	607			670	700		015	507	740	1000
House to House Inspection			••	672	708	***	815	527	748	4077
No. of Houses inspected where zymotic	117			0.0	100		170	00	100	
diseases have occurred		217	•••	98			176	90	103	782
No. of Visits of enquiry reinfectious disease	30		••	132	155		107	35	35	711
House drains tested with smoke (primary)	106	• •		451	383	• •	228	200	250	1618
on application	43	••	••	14	11		9	6	26	109
Drains found defective	134	••	••	11	22	••	16	12	18	213
House drains re-laid	41	*	••	6	6	••	10	18	22	103
,, ,, repaired	9		• •	82	81		10	36	54	272
No. of smoke tests during repair	131	**		119	153		50	66	128	647
,, water ,,	302			41	41		38	53	89	574
Damp-proof courses inserted				1				5	1	7
ards paved	1			1.1	18	**	6		2	28
nspection of Premises where offensive trades										
are conducted		• •								
nspections of Factories and Workshops, etc.						1026			173	1199
., ., Greengrocers, Fishmongers &										
Ice Cream Shops	112			241	105		448	80	65	1051
,, ,, Schools	46			51	79		91	15	9	301
., ,, Shops	26			15	11		6	13		71
,, ,, Bakehouses						587				587
,, ,, Yards and Stables	176			473	413		480	537	692	2771
,, ,, Common Lodging Houses						445				445
,, ,, ,, night visits										
,, ,, Houses let in Lodgings						66	753			819
., ,, ,, night visits										
,, ,, Urinals	306			485	405		449	90	412	2147
moke observations						39				39
Re-inspections of work in progress	.732	1		1379	1404		960	960	1407	6843
undry inspections	507	87		520	312	234	357	130	328	2475
Complaints from public investigated	201			72	129		172	109	106	889
NUISANCES DISCOVERED.										
	1.01									
Iouses requiring Cleansing & Whitewashing	124		••	66			93	63	136	727
	4	11		2		8	6			68
eaky Roofs	36	••		67	91		66	48	138	448
Dampness in Houses	46	•••	• •	113	80		83	39	75	436
Prains found stopped	68	••	••	59	20	19	52	5	65	406
Prains and Sanitary Fittings found defective	246	**		82	236		138	107	160	1102
Defective Yard Surfaces	19		••	22	38	5	35	38	30	179
" Eaves and Downspouts	72			75	84	1	48	33	66	379
", Manure Receptacles	2	• •	• •		3		3	3		11
" Urinals				2				1		
" Ashbins	79		• •	111	78		86	38	84	476
moke Nuisances	1				••	5	1			7
nimals improperly kept		••		1	2		1			4
nfringements of Bye-laws and Regulations				7		2	8			17
offensive Accumulations	17	•••	••	6		2	5	12	11	73
undry other Nuisances	4			68	174	77	90	25	128	606
Total number of Nuisances	682			750	1048	332	621	471	004	4810
Informal Notices served	294	•••	••	398		45	345		904 410	
complied with	136	•••		389			340	530		2491
in sherence		••	•••	49	53		43	299	419	2307
Referred to Committee			•••	34	11	•••		63	98	316
	1 0			0.4	11		1.4.1	14	20	87

Sample of	Total Samples.	Genuine,	Not Genuine.	Prosecu- tions.	Convic- tions.	Cautions
Milk	324	249	75	16	14	13
" Skimmed or separated	13	13	-	-	_	-
Cream	13	13	-		-	-
Butter	134	132	2	2	2	-
Lard	10	10	-	-	-	-
Olive Oil	10	10	-	-	-	-
Totals	504	427	77	18	16	13

TABLE X.—FOOD AND DRUGS ACTS. Total Number of Samples taken during the year 1915.

TABLE XI.-FOOD AND DRUGS ACTS.

Particulars of Samples taken during the sixteen years 1900-1915 inclusive :---

Year.	Number of Samples taken.	Number Genuine.	*Number Adulterated.	Percentage of Adulterated.	Prosecu- tions,	Fines		Costs ed.
1900	246	230	16	6.5	5	£7	s. 5	d. 0
1901	299	274	25	8.3	3	6	6	0
1902	291	261	30	10.4	9	23	1	0
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	19	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

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

#### TABLE XII METEOROLOGICAL RECORD-YEAR 1915.

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.

	Temj	perature of A	ir during the M	onth.		Difference	Mean	Mean	Mean Tensional		Rainfall.	
Months		-	Mea	in of	Mean Temperature of Air.	from average 50 years at	Temperature of Ground	Temperature of the	Difference between Ground and	No. of	Amount	Difference
	Highest.	Lowest.	All Highest.	All Lowest.		Greenwich.	at 4-ft.	Dew Point.	Dew Point at 9 a.m. and 3 p.m.	Days on which Rain fell.	collected in Inches.	average 90 years at Greenwich
January	54°	20°	43°·9	35°.5	39°.7	+ 1°.2	42°·9	37°.1	in. •066	16	in. 3·83	$\overset{\text{in.}}{+2.04}$
February	51°	25°	46° 0	34°.9	40°·4	+ 0°.9	41°·3	38°·2	·051	21	4.81	+ 3 28
March	61°	23°	490.2	35°·5	42° 3	$+ 0^{\circ}.6$	42°.0	39°·7	·055	12	·62	89
April	75°	30°	57°·3	38° 9	48°·1	+ 0°.9	43°-6	44°·4	·049	10	1.52	08
May	82°	35°	67°·7	45°·3	56°-5	+ 3°.4	49°·4	52°-6	.074	8	3.31	+ 1.44
une	85°	39°	72°.7	49°·3	61°·0	+ 1°.6	54°·8	57°·1	.061	7	-53	-1.50
uly	· 87°	47°	71°.6	53°-4	62°·5	0°,0	57°.5	58°.0	.052	15	3.34	+ .93
August	79°	44°	72°-3	53°·3	62°·8	+ 1°.2	58°·1	59°·1	·053	11	2 60	+ .22
eptember	80°	35°	70°·3	49°-1	59°.7	+ 2°.5	56°·2	59°·4	.085	7	2.40	+ .20
October	68°	32°	57°.8	44°·4	510.1	+ 1°.1	52°·9	47°·5	·077	13	2.47	— ·26
lovember	58°	22°	46°·5	34°-5	40°·5	- 2°·7	47°·0	38°·0	.160	. 8	2.64	+ .35
December	56°	28°	48°·4	<b>3</b> 8°·9	43°.6	+ 3°.9	43°·9	42°·1	·041	24	5.34	+ 3.40
Means and Totals or the Year.	87°	20°	58°·9	42°·7	50°·7	+ 1°.2	49°·1	47°.8	·064	152	33.41	+ 9.13

The Rainfall for the Year was 7:31 inches above, and the number of days on which rain fell 11 below the average of 50 GEO. CORDEN, F.R. Met. Soc., Croydon. years at Croydon.

62

# TUBERCULOSIS WORK.

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

## TABLE T. 2.

# Table showing origin of Cases seen at the Dispensary for the first time in 1915.

Cause of person attending		Insu	ired.			Unin	sured.*		
Dispensary.	Men.	Women	Child'n	Total.	Men.	Women	Chiln'n	Total.	Grand Total
(1) Referred by local doctors or hospital for diag- nosis, treatment or									
advice	122	77		199	40	70	56	166	365
(2) Ditto ditto by School Medical Officers							104	104	104
(3) Ditto ditto from other, chiefly charitable, sourcest	13	9		22	8	25	64	97	119
(4) Seen as " Contacts"	8	10		18	6	39	177	222	240
	143	96		239	54	134	401	589	828

\* This includes dependents of insured persons

† This includes 5 men from Army and Navy; 3 men and 2 women from other Committees.

### TABLE T. 3.

# Table showing the way in which new cases were dealt with in 1915.

			Inst	ared.			Unin	sured		
		Men.	Women	Child'n	Total.	Men.	Women	Child'n	Total.	Grand Total,
(1)	Diagnosed as tubercu- lous:									
	(a) Treated through the Dispensary	95	67		162	36	71	148	255	417
	(b) Treated elsewhere	6	3		9	II	II	11	33	42
(2)	Diagnosis not settled— Kept under observa- tion	14	7		21	2	7	67	76	97
(3)	Diagnosed not tubercu- lous	28	19		47	5	45	175	225	272
		143	96		239	54	134	401	589	828

#### TABLE T. 6.

Table showing details of Medical Examinations made by the Medical Officer to the Tuberculosis Dispensary, 1915.

		Total M	fedical E	xamination	s made.						
Period.	At t	he Dispens	sary.	P	atients Ho	uses.		New Cases Examined.			
1915.	Insured.	Non- Insured.	Total.	Insured.	Non- Insured.	Total.	Grand Total.	Insured.	Non- Insured.	Total	
Jan. 1st to March 31st	429	775	1204	38	54	92	1296	79	185	264	
April 1st to June 30th	524	962	1486	20	32	52	1538	66	169	235	
July 1st to Sept. 30th	398	915	1313	27	24	51	1364	50	106	156	
Oct. <sup>*</sup> 1st to Dec. 31st	451	1144	1595	33	20	53	1648	44	129	173	
Totals	1802	3796	5598	118	130	248	5846	239	589	828	

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 197, and the average number of new cases seen per day was 2'8].

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) Total Primary Notifications, 1915 ... 546
- (2) Total new cases seen at Dispensary and diagnosed as tuberculous, 1915 ... ... 459

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

Therefore approximately 84 per cent. of the cases notified in the Borough in 1915 were seen by the Medical Officer to the Tuberculosis Dispensary.

In 1915 417 new cases were treated through, as well as being seen, at the Dispensary.

An estimate of the number of new cases which it was advisable should receive treatment from the public health authority in 1915 may be made as follows :—

Total primary notifications (1914)		546
Less one-eighth occurring in houses of re- estimated over $\pounds_{35}$ per annum (cases of seen therefore in consultation)	only	68
Therefore new cases occurring in 1915 wh presumably required treatment through	the	
Dispensary		478
And actual cases treated through Dispensary	 i.e., 87	417 per cent

Thus allowing for unavoidable errors it may be assumed that during 1915 approximately 87 per cent. of the fresh cases occurring amongst the class where Dispensary treatment was desirable were actually treated through the Dispensary.

#### SANATORIUM AND HOSPITAL TREATMENT:

#### TABLE T. 7.

# SUMMARY OF CASES TREATED AT SANATORIA, 1915.

1.4.3	Demonster Constantion Towned and	M.	W.	C.	40
(A)	Persons in Sanatoria on Jan. 1st, 1915	13	II	16	40
(B)	Persons who were admitted to and discharged from Sanatoria during 1915	40	47	20	107
(C)	Persons who were admitted to and died at	4-	47		
	Sanatoria during 1915	I	-		1
(D)	Persons in Sanatoria on December 31st, 1915	14	13	6	33
	NoteOne woman appears both in (A) and (B).				

(i.) The total individuals receiving treatment in Sanatoria during 1915 is therefore [A + B + C + D - I].

Men	 	 	68)	
Women	 	 	70	180
Children	 	 	42)	

(ii.) The total individuals sent to Sanatoria in 1915 is [B + C + D].

Men	 	 	55)
Women	 	 	60 - 141
Children	 	 	26

Remarks.

(i.) 62 men and 51 women were "insured persons."

(ii.) Certain of these cases received more than one kind or period of institutional treatment in 1915 as follows :--

- 2 men had previously been treated at the Borough Hospital in 1915.
- t woman and 5 men were subsequently treated at the Borough Hospital in 1915.

I woman who was in a Sanatorium on January 1st, 1915, was dis-charged, re-admitted and discharged during the year.

(iii.) 16 of the children were boys and 26 were girls.

#### TABLE T. 8.

## SUMMARY OF CASES TREATED AT THE BOROUGH HOSPITAL, 1915.

(A) (B)	Persons at the Borough Hospital on Jan. 1st, 1915 Persons who were admitted to and discharged	<u>м</u> . 8	W 6	C. O	11. 14
	from the Borough Hospital during 1915	23	5	0	28
(C	Persons who were admitted to and died at the				
	Borough Hospital during 1915	II	5	0	16
(D)	Persons at the Borough Hospital on Dec. 31st, 1915	IO	5	I	16

. Note. - One man appears in both (A) and (D).

Total individuals receiving treatment at the Borough Hospital in 1915 is [A + B + C + D - 1]:

	Men						$5^{1}_{21}$	72
	Women			··			21)	14
tal	individu	als	admitted	to the	Boroug	h He	ospital	in 101

and total 915 is B + C + D - I:

Men		 ***	 	43}	59
Women	**	 	 	15)	30

Remarks :

(i.) 41 men and 9 women were "insured persons."

 (ii.) 3 men in Class A died at the Borough Hospital during 1915.
 (iii.) 5 men and 1 women had previously and 2 men subsequently received treatment in a Sanatorium during 1915.

TABLE T. 9. Table showing further progress of persons first treated in and discharged from Sanatoria in 1913.

Condition San. :	on dis	charge	e fro	m	Condition on Dec. 31st	, 19	913 :	Condition on i	Dec. 31	st, 1	914		Condition on Dec	c. 31st	t, 19	15 :	
Fit for we		M			At work 2 Fit for work Relapsed Readmitted to San. Left Croydon			At work Fit for work Relapsed Left Croydon Deceased at S	···· ··· ···	M. 21 1 5 1 1		T]. 24 1 5 [4 of whom were admitted to 2 B.H. in 1914] 	Relapsed	1  	1. 1 6 0 2 4 7	V. T 4 2 0 0 0 0 -	1. 20 0 2 4 7 33
Improved		2	: 1	1	Further improvement Relapsed Admitted to B. H.	$\begin{array}{c} 1\\ 1\\ 0 \end{array}$	0 1	In statu quo Worse Deceased		$\begin{array}{c} 1\\ 0\\ 1\end{array}$	0 1 0	1 [Treated at B.H. 1913-14] 	Deceased	···· ···		0 0 1 -	1011 67
In statu q	uo	5	2	7	At Boro' Hospital In statu quo	0 0 2 3	$\begin{array}{ccc} 1 & 1 \\ 0 & 2 \end{array}$	At work In statu quo Worse Deceased		$\begin{array}{c} 0\\ 1\\ 1\\ 3\end{array}$	$\begin{array}{c}1\\0\\1\\0\end{array}$	1 [Treated at B.H. 1913] 1 2 [One treated at B.H. 1913-14] - 7 -	Worse	  	$     \begin{array}{c}       1 \\       0 \\       0 \\       4     \end{array} $	1 0 1 -	2 0 0 5 7
Worse		5	0	5.	Admitted to B. H. and died there	2 1 2	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Deceased		5	0	5					

# TABLE T. 11.

# Table showing Results of Treatment in Persons discharged from Sanatoria during 1914.

Condition on Discharge. Condition on December 31st, 1914. Condition on December 31st, 1915.

M. W. C. TL. (i.) Fit for work or School 32 23 19 74	At work or school Ditto after additional treatment at Borough Hospital Fit for work Deceased	27	w. 18  5 				At work or school Ditto after additional treatment at Borough Hospital Fit for work Deceased Relapsed Condition unknown	24  *2 1	w. 22			
,					74	(					74	
(ii.) Improved 5 13 3 21	At work Further improvement Ditto after re-admiss sion to Sanatorium and treatment at Borough Hospital In satu quo Re-admitted to San. Admitted to Borough Hospital Relapsed Deceased, after treat- ment at Borough Hospital	1 2	1 3 1	_	1 4 1		At work Further improvement Ditto after re-admis- sion to Sanatorium and treatment at Borough Hospital In statu quo Re-admitted to San. Admitted to Borough Hospital Deceased Deceased Deceased Deceased Condition unknown		2	_	7 2 2 - 2 2 1 2 5 21	88

#### TABLE T. II (continued).

м. (iii.) In statu quo 1	w. с. т 1 — 2 {	Much improvedM.W.C.TL.M.W.C.TIDeceased $1 1$ In statu quo $1$	1 1 2
(iv.) <i>Worse</i> 1	2 1 4	Much improved $1 1$ Much improved $1 1$ In statu quo $- 1 - 1$ In statu quo $ $	1 69

NOTE.—This table does not include 5 persons (men) who had less than one month's treatment. Two of these died shortly after admission; one died shortly after he had discharged himself from the Sanatorium. One man was in poor health on December 31st, 1914, and one was fit for work.

On December 31st, 1915, the condition of one was unknown, and the other was at work.

\*One of these patients died through an accident.

		TABLE T. 12.		
Table showing Resu	ilts of Trea	tment of Persons discharge	d from Bo	prough Hospital during 1914.
Condition on Discharg	е.	Condition on December 31s	t, 1914.	Condition on December 31st, 1915.
м. Fit for work 19	. W.1L.	M At work 14 Do. after relapse and treatment at Sanatorium 1 Fit for work 1 Relapsed 2 Deceased 1	2 16 0 1 0 1	M. W.TL. At work 10 2 12 Do. after relapse and treatment at Sanatorium Fit for work 1 - 1 Relapsed *2 - 2 Deceased 4 - 4 In statu quo 1 - 1 At Waddon 1 - 1 At Sanatorium 1 1 22
Improved 20	4 24	At work         0         In statu quo        2         Relapsed         9         Left Croydon        1         Deceased         6         Admitted to San.        2	0 1 0 6	$ \left(\begin{array}{cccccccccccccccccccccccccccccccccccc$
In statu quo 1	1 2	In statu quo 0 Deceased 1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	[In statu quo

NOTE.—In addition 2 men were admitted during 1914, but discharged themselves after only 2 weeks' treatment. One was in good health and has kept at work since; the other was acutely ill and died shortly after.

\*One after Sanatorium treatment 1915.

# TABLE T. 14. Table showing Results of Dispensary Treatment alone, 1914.

Condition when first seen.	Condition on December 31st, 1914.	Condition on December 31st, 1915.
M. W. C. TL.	M. W. C. TL.	M. W. C. TL.
	At work 10 7 - 17	At work or school 6 9 7 22
	In statu quo — 3 7 10	In statu quo
	Relapsed 1 1	Relapsed 1 1
Good 11 11 8 30	Left Croydon 1 1 - 2	Condition unknown 3 2 — 5
		Fit after Waddon 1 — — 1
		Deceased 1 1
		30
	30	[ 00
		` F
•	/ At work 5 4 - 9	/ At work 2 13 - 15
	Good 29 29	Good 56 56
	Improved 4 11 40 55	Improved — 1 — 1
	In statu quo 4 10 2 16	In statu quo 6 5 7 18
	Left Croydon $\dots$ 1 — — 1	Left Croydon 3 1 5 9
	Deceased 3 3	Deceased
Fair 17 25 71 113		At work after Waddon 1 1
		In statu quo 1 — 1
		Worse 3 2 5
		Condition unknown
	_	_
	. 113	113

## TABLE T. 14 (continued).

M. W. C. TI Poor 6 7 9 2	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	M. W. C. TL.         At work $3 3$ Good $ 5$ $5$ Improved $1 1$ Improved at Waddon $1 - 2$ $3$ Worse $1 - 1$ Deceased $1 3 - 4$ Improved at San. $- 1 - 1$ In statu quo at Waddon $1 - 1$ Quotation unknown $- 1 2$ $3$ $\frac{22}{-1}$ $\frac{22}{-1}$
Acute 10 4 0 1 Total Cases Men Women Children	1 <u>4</u> <u>44</u>	Improved $ 1$ $ 1$ In statu quo $1$ $  1$ Deceased $9$ $2$ $ 11$ Worse $ 1$ $ 1$ In statu quo in 1915       column means as regards progress in that year as compared with 1914. $ -$

## 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 1915.

Month.		Beds O	ccupied.	Month.		Beds Occupied.			
			Highest.	Lowest.	in onen.		Highest.	Lowest.	
January			157	136	July		96	72	
February			152	140	August		88	74	
March .			151	133	September		109	92	
April .			135	115	October		97	81	
May .			119	101	November		98	85	
June .			116	95	December		103	94	

TABLE H. I.

During 1915 the average daily number of cases under treatment amounted to 105.8 as compared with 128.05 in the previous year.

The following table gives the total number admitted from the Borough and other Districts during the year 1915.

Districts.	Remaining at end of 1914.	Admitted during 1915.	Discharged during 1915.	Died during 1915.	Remaining at end of 1915.
Crystal Palace (Royal Naval Division)	2	43	24	18	3
Penge Urban D.C., non- pauper cases	4	41	41	1	3
The Borough of Croydon	139	694	692	55	86
Total	145	778	757	74	92

TABLE H. II.

Total number admitted was 778, as compared with 947 in 1914.

The following table shows the comparative admissions during 1915 and previous years.

74

	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 1916.
Scarlet Fever	497	608	624	381	365	417	653	413 (I)
Diphtheria	354	292	222	430	600	402	211	200 (2)
Cerebro Sp. Meningitis	-		_	_	-	-		67 (3)
Pulmonary Phthisis	-		-		-	48	56	61 (4)
Enteric Fever	59	11	15	18	16	28	15	13 (5)
Puerperal Fever		-	-	-	-	1	2	4 (6)
Measles	-	-		_	-			9 (7)
Other diseases	31	45	47	29	25	6	10	11 (8)
Total	941	956	908	858	1006	902	947	778

1	P. A.	$\mathbf{n}$	e - 1	<b>D</b>			
- 1	rA.	ECI		H	- 1-4	TT	τ
						 	1

(1) Includes 3 cases of Tonsillitis.

,, 8 cases of Contacts.

,, 4 cases of no disease observed.

, 1 case of Influenza.

., 1 case of Erysipelas.

,, 1 case of Erythema.

., 1 case of Measles.

"' 1 case of Quinsy.

,, 1 case of German Measles.

,, 1 case of Psoriasis.

,, 8 cases of Tonsillitis.

,, 1 case of Marasmus and Septic Sores.

., 1 case of Broncho-Pneumonia.

,, 1 case of no disease observed.

., 1 case of Measles.

(3) , 3 cases of Tubercular Meningitis.

,, 2 cases of Anterior Poliomyelitis.

,, 1 case of Enteric Fever.

,, 1 case of Sub-Acute Rheumatism.

,, 1 case of Cerebral Abscess.

,, 1 case of Measles.

,, 1 case of Influenza.

,, 1 case of Pneumonia.

., 1 case of Acute Malaria.

,, 1 case of Post-Diphtheritic Paralysis.

,, 1 case of Transverse Myelitis.

,, 8 cases of Pulmonary Tuberculosis.

,, 1 case of Cerebro Spinal Meningitis.

.

(5)

(2)

The following table gives the number of patients admitted for each disease and the number discharged or died for the year 1915 :—

Disease.	Remaining at end of 1914	Admitted during 1915.	Discharged during 1915.	Died during 1915.	Remaining at end of 1915.
Scarlet Fever	98	391	433	4	52
Admitted to Hospital as Scarlet but found not to be Scarlet	-	22	22	-	-
Diphtheria	30	188	191	8	19
Admitted as Diphtheria but found not to be Diphtheria	-	12	10	2	_
Cerebro-Spinal Meningitis	_	53	23	27	3
Admitted as Cerebro-Spinal Meningitis but found not to be	_	14	10	4*	_
Enteric Fever	_	9	6	3	-
Admitted as Enteric but found not to be	-	4		-	-
Pulmonary Tuberculosis	14	61	37	22	1
Puerperal Fever	1	4	2	3	-
Measles		9	8	1	_
Other Diseases	2	11	11	_	2
Total	145	778	757	74	92

ΓA	RT.	F	Ы	 137
1 11	DT	L.	11	L Y

\*2 Tubercular Meningitis, 1 Enteric Fever, 1 Abscess.

### TABLE H v.

The following table gives the fatality for each disease :-

	1911.	1912.	1913.		1914.	1	1915.
Scarlet Fever	0.2	 Ι,1	 .8		.7		.9
Diphtheria	8.3	 3.6	 3.03		6.4		4 02
Enteric Fever	11.1	 25'0	 19'2		20'	*	33'3
Cerebro Spinal Fever							
Pulmonary Tuberculosis	-	 	 12.2	12.0			37'2
Puerperal Fever	-	 -	 -		-		60.0
Measles							
	6.8	 12'0	 6.3		2.3		0.0
All Cases	5.0	 3.5	 2'9		3.1		.89

76

Under other diseases are included :---

Erysipelas			2	 Result. Discharged
German Measles			4	 ,,
Mumps			I	 ,,
Quinsy			I	 ,,
Bursitis			I	 33
Cellulitis			I	 ,,
Ophthalmia Neor	natori	ım	I	 ,,

Notified as Diphtheria but found not to be Diphtheria-

Tonsillitis		8	 Result. Discharged.
Marasmus and Septic S	Sores	I	 Died.
Broncho-Pneumonia		I	 Died.
No disease observed		I	 Discharged.
Measles		I	 Discharged.

Result,

...

Notified as Enteric but found not to be Enteric-

Pu

Ce

		Acsuit,
ulmonary Tuberculosis	3	 Discharged.
erebro Spinal Meningitis	I	 

Notified as Cerebro Spinal Meningitis but found not to be Cerebro Spinal Meningitis-Deralle

Tubercular Meni Anterior Poliomy Enteric Sub Acute Rheu Cerebral Abscess	elitis  matism	···· ···· ···	3 2 1 1	···· ··· ···	Result. 2 Died. 1 Discharged. Discharged. Died. Discharged. Died.
			1		Discharged.
Influenza			I		,, -
Pneumonia			I		,,
Acute Malaria			I		,,
Part Diphtheritic		sis	1		,,
Transverse Myeli	tis		I		
Other Admissions-					
Erysipelas			2		Discharged.
German Measles			4	·	,,
Mumps			1		,,
Quinsy			I		,,
Bursitis	***		I		- ,,
Cellulitis			I		,,
Ophthalmia			I		,,

#### TABLE H VI.

## Illnesses amongst the Staff-

Scarlet Fever	 	 	4	cases.
Tonsillitis	 	 	I	case.
Cellulitis	 	 	I	case.
Bursitis	 	 	I	case.

## **REPORT ON SCHOOL MEDICAL WORK.**

This is the twelfth annual report of such work in Croydon and the eighth furnished in accordance with the requirements of the Board of Education.

The report on this occasion is considerably curtailed, both on the score of economy, and on account of the great reduction of the staff of the department making an exhaustive report impossible.

# THE STAFF AND GENERAL ORGANISATION OF THE WORK.

As in previous years, the school medical work has formed part of the general public health work of the Borough.

A considerable number of changes—permanent and temporary occurred in the medical staff. Dr. Kennedy went on military service early in the year. His place was filled at first by two local men— Drs. E. Hulse Willock and J. Howard— who did part-time work for some months. In June Dr. Olive B. Falk was appointed to this vacancy for the war period. The part-time officers ceased their duties at the end of October. In July Dr. J. Johnstone Jervis left for another appointment, and in September Dr. H. Gordon Smith commenced his work on the staff. Owing to the difficulty of getting residential medical staff for the Borough Hospital, the work of the medical members of the department had continually to be readjusted, but the amount of school medical work done has been well maintained.

The specialist work—ophthalmic, tuberculosis, X-ray, and dental —has been carried on as before.

Individual paragraphs deal with the Treatment Centre, the Spinal Remedial Class, Mental Deficiency, the work of the Health Visitors, etc.

During the year the clerical staff gradually lessened until only one of the original staff—a boy under military age—remained.

The general report is confined to a tabular summary of the work done, excepting where explanatory paragraphs are essential.

#### SCHOOLS.

#### Number of Schools and Accommodation.

In 1915 there were in Croydon :

- 20 provided schools, including 54 departments, with accommodation for 21,100 children—this is the same as in 1914.
- 15 non-provided schools, including 26 departments, with accommodation for 5,543 children—in 1914 there were 14 such schools, with 34 departments, with accommodation for 5,538 children.

The total provision in 1915 in the borough for elementary school children amounted to 35 schools, with 80 departments, and accommodation for 26,643 children, as compared with 34 schools, 88 departments and 26,629 children in 1914.

The number of children on the register on December 31st, 1915, was 25,043, as compared with 25,613 in 1914.

#### School Buildings and Accommodation.

*War Hospitals.* Five schools were taken over by the Military Authorities for this purpose. The school children thus displaced 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.

#### Sanitary Work done in School Buildings in 1915.

*Oval Road Council Schools.* The trough closets on the boys' side of the school were abolished, and a block of six separate pedestal water-closets installed in their stead.

Shirley Schools (non-provided). Four new lavatory basins were fixed and lead trapped waste-pipes fitted.

The sanitary arrangements of all the schools have been regularly inspected during the year. They have been generally well kept and in a clean condition.

Age.	Number of Boys,	Number of Girls.	Total
3-4	9	13	22
4 5	10	107	209
56	1042	1011	2053
6.7	277	311	588
7-8	90	91	181
8-9	663	669	1832
9-10	108	65	173
10-11	17	9	26
11-12	21	61	82
12-13	1044	938	1982
13-14	241	200	441
14-15	174	133	307
otal all ages	3788	+ 3608	= 7396

TOTAL NUMBER OF CHILDREN EXAMINED (ROUTINE EXAMINATIONS) DURING 1915.

TABLE E. I.

#### TABLE E. II.

Showing total number of children inspected—routine inspections during 1915, 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.	Chil	o. of dren ected.	No. of Parents or Guardians present.
COUNCIL SCHOOLS :			BOYS.	GIRLS.	
Beulah Road	Boys	7	106	_	66
Dound Hourd	Girls	II /		180	126
Boston Road	Boys	II	185		82
	Girls	II		182	91
Brighton Road	Boys	7	104	_	60
	Girls	7		118	75
Davidson Road	Boys	8	110	_	63
	Girls	9	_	134	80
Dering Place	Boys	7	99	- 34	67
	Girls	7		99	63
Ecclesbourne Road	Boys	12	182		85
	Girls	8		100	56
Ingram Road	Boys	11	139	_	93
	Girls	12		128	95
Mitcham Road	Boys	14	175	_	79
	Girls	14		214	III
Oval Road	Boys	IO	193	_	115
	Girls	8		105	63
Portland Road	Boys	14	294	_	208
	Girls	17	_	266	210
Princess Road	Boys	II	170	-	63
	Girls	IO	-	171	69
South Norwood	Boys	8	149	-	84
	Girls	8	_	126	77
Stanford Road	Boys	4	64	_	29
	Girls	4		62	34
Sydenham Road	Boys	IO	200	_	74
"	Girls	IO	_	135	87
Tamworth Road	Boys	I	34	-	I 2
Tavistock Grove	Boys	I 2	IIO		54
**	Girls	I 2	-	150	69
Upper Norwood	Boys	8	99	-	37
"	Girls	6		89	43
Whitehorse Road	Boys	12	291	-	81
"	Girls	I 2	—	144	76
Winterbourne Road	Boys	IO	220	—	148
1,	Girls	9		165	108
Woodside	Boys	13	211		99
"	Girls	II	_	190	128
	Totals	376	3135	2767	3260

COUNCIL (NON-PROVIDED)					
All Saints'	Boys	5	44		23
	Girls	56	-	66	46
* Christ Church	Boys	6	75	-	65
"	Girls	4	—	72	48
Wildbore's	Boys	2	15	-	8
,,	Girls	2	-	22	7
Holy Trinity	Boys	3	26	—	23
,,	Girls	4	-	70	61
Parish Church	· Boys	6	83		52
**	Girls	8	—	179	92
St. Andrew's	Boys	3	39	-	20
,,	Girls	6	-	77	40
Old Town	Boys	2	14	-	8
**	Girls	2		28	I 2
St. Joseph's	Boys	3	33	_	17
	Girls	3	-	32	24
St. Mark's	Boys	2	2 I	-	17
**	Girls	2	—	33	18
St. Mary's	Boys	5	67	—	22
**	Girls	5	_	- 45	20
St. Michael's	Boys	5 5 3	23	-	19
	Girls	3		47	36
St. Saviour's	Boys	6	97		42
11	Girls	4	-	64	52
Archbishop Tenison's					
and St. Peter's	Boys	4	90		54
.,	Girls	5		84	53
Shirley	Boys	2	26		. 9
"	Girls	2		22	7
Totals (for Non-Provid	ed)	107	653	841	895
Totals (for Provided)		376	3135	2767	3260
Totals (for Provided	and Non-				
Provided)		483	3788	3608	4155
			73	96	
		-			

In addition to these 7,396 children examined as Routine cases,

1,902 children were re-examined,

and 274 children were specially examined.

This does not include the special examinations done at the Treatment Centre.

81

C

#### ATTENDANCE OF PARENTS OR GUARDIANS.

The latter were present to the number of 4,155 for 7,396 children examined,

## i.e. 56.1 percent.,

## compared with 59'2 per cent. for the year 1914.

### DIRECTIONS TO PARENTS.

In 4,289 instances written and verbal directions were sent to parents, while in 4,297 instances printed directions were given.

## 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.

0					ROU	TIN	EII	NSPI	ECTI	ONS				e-	Specially Inspected.	Total.
COUNCIL SCHOOLS.	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	Insp	Spe	To
Beulah Road ,,	Boys Girls		5 4	28 30	12 15	68	4	1 4	 I		47 61	36		9 40	I 	116
Boston Road	Boys Girls			46 45	14 9	2 4	42 67	7 1	2	I I	64 49	7 6		50 57	2 25	237 264
Brighton Road	Boys Girls		8 8	27 24	7 7	1 3	27 25				28 45	6 2		38 21		142 139
Davidson Road ,,	Boys Girls		 12	44 39	7 8	1 4			1 		49 52	8 4		12 36	4 8	126
Dering Place	Boys Girls			21 26	10 10	4 1	26 23	3	•••		29 27	6 12		32 10	 I	131
Ecclesbourne Road	Boys Girls			31 44	12 20	5	42	5 4			66 37	17 2	4 2	70 44	I 	253 153
Ingram Road ,,	Boys Girls		19 12	46 43	6 10	4 1	77	I		I I	48 44	7 9		62 59	2 14	203
Mitcham Road ,,	Boys Girls		23 17	36 48	16 13	4 10	 59	45 4			47 61	4 2		75 73	7	250 294
Oval Road	Boys Girls			47 33	87	32	56 23	 I	I 		73 24	5 13	2	36	8 6	237
Portland Road	Boys Girls			91 87	15 15	9 8	92 95	2 6	I 	2	79 49	3 4		41 73		335 343
Princess Road	Boys Girls	I I	15 18	43 44	11 4	1 4	37 23			, I	33 39	29 37		45 40	35	218
South Norwood	Boys Girls		7 1	47 35	9 10	5 1	29 3	2	2	2 9	44 59	2 7	 I	35 48	I 	185 174
Stanford Road	Boys Girls			19 20	5 4					 I	25 `22	5 4	IO II	4 1		68 63
Sydenham Road	Boys Girls		 5	57 37	18 13	43	25 22	I 	 I	7 15	57 39	31 7	 3	4 24	1 5	205 164
Tamworth Road	Boys							I			18	6	9			34
Tavistock Grove	Boys Girls		1 4	31 46	8 11	5	29 38	2 2		 I	29 43	5 5		66 45	ı 6	177 201
Upper Norwood	Boys Girls		10 10	13 20	 I	I 	17 12	9 8			17 12	96	23 17	3		102 89
Whitehorse Road	Boys Girls		I	54 53	10 18	и 4	47		I 		83 40	49 6	45 22	I		292 145
Winterbourne Road	Boys Girls			54 41	10 14	35	68 2	· · ·		 25	63 28	4 14	18 36	I IO		221 175
Woodside	Boys Girls	8 8		55 51	15 11	45	6 45	2 3			48 20	11 9	62 38	 6	 2	211 198
Totals (Provided	Schools)	18	181	1556	393	126	1064	119	IO	62	1698	372	303	1212	107	722

TABLE E III. continued.

84

COUNCIL (NON-PROVI Schools.	DED)			R	OU	TINI	E IN	SPE	CTI	ONS.				Re- Inspected	Specially Inspected.	Total.
	Ages :	3-1	4-5	5-6	6-7	7-S	89	9-10	10-11	11-12	12-13	13-14	14-15	Inspe	Spec	To
All Saints'	Boys Girls		I	21 16	4	I I	3 22		4	I	10 20	 I		21 19	2	65 87
Christ Church	Boys Girls			30 33	9 10	6 4	12 17	2			16 7	 I	·	4 6	I 	80 78
,, (Wildbore's)	Boys Girls			11 13	38	I								4 12	 I	19 35
Holy Trinity	Boys Girls	 		20 2 I	5 10	I 	 2				 35	 I		6 8		32 78
Parish Church	Boys Girls			38 36	22 28	56	і 62				17 29	 6		16 50	4	103 229
St. Andrew's	Boys Girls		5 14	20 15	7 9	2	 8		 I	2	7 26			26 34	2 I	67 112
,, (Old Town) ,, ,,	Boys Girls	 		7 13	5 8		I I	2	I					17 6	 I	31 35
St. Joseph's	Boys Girls			11 8	2 I	32	6 6	2 2		38	5 4	I		6 8	2	41
St. Mark's	Boys Girls	····	I 	17 14	2 5	1 2	·				 I I	 I		3 4		24 37
St. Mary's	Boys Girls			18 13	7 9	4	12 	43	33	4	14 15	I		21 18		88 63
St. Michael's	Boys Girls			11 16	I 	2	11 14	 ĭ				 6		5 18	 I	28 66
St. Saviour's	Boys Girls	· ····		24 26	6 13	3	28 	19 		 I	7 10	8 14	2	16 14		113
Archbishop Tenison's	Boys Girls			20 17	8 4	1 4	29 23				19 19	12 12	I 	31 3		121 94
Shirley	Boys Girls		6	4 4	32	I 	6 4	 6	I 2	и 	2 3	2 I		6 3		32
Totals (Non-Provided	Schools)	4	28	497	195	55	268	54	16	20	284	69	4	385	25	1904
Grand Totals		22	209	2053	588	181	1332	173	26	82	1982	441	307	1 597	132	9125

Final Total of Inspections ... 9572

#### GENERAL RESULTS OF INSPECTION.

#### 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 Heig	ht in Inches.	Average Weight in Pounds							
Age.	Boys.	Girls.	Boys.	Girls.						
5	40'15	40.22	39'7	39'7						
8	46.75	45.65	52'9	53.0						
13	54'00	55'00	77.2	75.0						

#### WANT OF CLEANLINESS.

Of 7,396 children examined, 30 had vermin in their heads,

" " 854 " nits " "

", ", 152 ", dirty heads apart from vermin

Proportion of children with head vermin = '40 per cent. ",","," nits "," 11'5 ","

Of 7,396 children, 12 had vermin of the body, = '16 per cent., and 278 had dirty bodies.

#### CLEANSING STATION.

During the year 27 children have been cleansed on account of verminous conditions of scalp or body or both.

#### CLOTHING.

Children with insufficient clothing = 135 = 1.8 per cent. ,, dirty ,, ,, 176 ,, 2.3 ,, ,, defective footgear ,, 198 ,, 2.6 ,,

#### MALNUTRITION.

346 cases occurred = 4.6 per cent.

Per centage for 1914 = 3 per cent.

The improvement upon the 10 % of 1913 is therefore well maintained.

#### EYE DISEASES.

External eye diseases were present in 168 cases.

1,076 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 332 cases, and slightly in 755.

456 children were found to have adenoids.

Some difficulty has been experienced in getting operative treatment for cases of tonsils and adenoids, owing to the staffing difficulties at the General Hospital. For the same reason it is not this year possible to say how many such school children have been operated upon at Croydon General Hospital. I am indebted to the honorary staff for largely filling the breach due to the lack of resident officers.

#### GLANDS.

Glands were markedly enlarged in 1,080 cases and slightly in 160.

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

#### EAR DISEASE.

This was noted in 112 cases, and 265 children suffered from deafness. Many of these cases were sent to the Treatment Centre.

#### DEFORMITIES.

Curvature of the spine was found in 104 cases. Other deformities amounted to 99.

#### AFFECTIONS OF THE HEART.

Affections of the heart were found in 339 children. General advice was given, and where necessary also the leaflet on Rheumatic Fever.

#### LUNG DISEASES.

Affections of the lung were found in 335 cases, Of these: -

155 children had bronchial catarrh,

163	,	,,	other conditions of the lung,
17			pulmonary tuberculosis.

The cases of phthisis were referred to the Tuberculosis Dispensary.

#### COMMUNICABLE DISEASES.

Communicable diseases included 2 cases of impetigo,

I case of tonsilitis, T

" ringworm,

chicken-pox, and I ...

15 cases not defined.

#### MENTAL CONDITIONS.

42 children were classified as mentally sub-normal, and 10 as mentally defective.

																						Nates	e of Deb															_
i	Number	Parents				f Clossi				Clothing.		Vie	ion.	Colores 1			eth.	Tes		Giai	-		Ear T	rouble-	Mentally	Mentally	Hears-	1	Long Treat	ide.	Deformity an	4 Spinol Dia.				Watstee	and Verbal	1
	Cenorimol.	Ouardians Present.		Ver.	Sita only.	Dirty.	Do Yet		Ciosi Dufectore		Defect- Una Foot- gran	6.03	and ned	Epe. Disease.	Malau- trition.	One to Four Decared.	More that Four Decared			Palpable		Adenoide present-	Ear Disease.	Deaf-		Bah normal.	A.240-	Philipia.	Bronchitie	Other Lung Disease.	Spinal Curvature.	Other Deformition.	communi- rabin Discuss.		if employed	General	Modical or Surgical	Pris
																					SCHO	OLS.														Advice	Treulenest.	
14 10 11 12 13 14	1042 977 00 603 108 17 21 1044	8 774 774 774 774 775 775 775 775 775 775	5 761 875 901 916 855 900 916 955 900 900	I and and want	1 2 2 1 a c 2 c 4 a c	1 10 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11-11-1-11	70 41 14 3	1 = 15 0 = 14 3 = = 148	8 18 1 4 3 8   17 9	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 = 1 4 4 4 months an	- 4 27 12 3 10 2 - 00 5 	5834 7 10 H 10 H	1 39 33 31 4 35 49 7 1 58 14 17	1 301 355 146 33 4 91 20 9	312 01 15 99 7 3 4 23 24	79311113 - 4134	1 31 30 2 7 5 1 1 2 2 10	5 25 8 63 80 9 6 4 4 12 24 8	2 19711338 1 2 411 -	1 8 2 1 - 2 - 6 - 6 - 1	1 115 a - 10 Mar 460 M	11 m 1 1 1 1 m 1 1	1 mail 1 1 tanua 1	I with a with a star	i wwitt we witt	1 3 45 11 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	- 349 523      17 5	1 13 1 4 4 1 1 1 2 3 3 1	1-0-1-1-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	will in wart	1 375 9 9 49 4 5 1 53 9 10	1	# 73 49 73 25 99 33 6 7 75 33 00	138 358 107 180 19 10 11 283 60	12 W - 17.P.
ta	3788	ngi	2914	9	127	82	.6	185	93	81	197	284	186	83	154	1753	761	345	155		371 5' 5CH	241 COLS.	33	135	6	12	175	10	\$7	90	30	45	39	272	63	990	1118	21
1418 78 90 11 11 13 14 15	13 107 1011 311 660 65 93 61 935 133	8 71 773 115 353 353 353 25 6 40 506 115 15	11 78 801 275 813 503 50 10 814 10 814 120 22	3 - 4 - 1 - 1	3 20 1855 87 11 134 17 3 20 811 51 5 5	1 + 21 1 +	11 4 1 1 4 4 1 1 4 4 1 1	10.00 1311 14 0 1 8 6 11 11	1 . 50 14 1 1 4 5	1 30 79 159 1 87 5 1 87 5	n a filo n f n filma		1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	10 20 10 9 10 9 10 9 10 9 10 10 9 10 10 9 10 10 9 10 10 10 10 10 10 10 10 10 10 10 10 10	4399490 4399490 4311	8 43,69 47 337 4 9 36 5 9 11	1 33 33 6 55 8 9 798 77 1		-6 5 7 7 8 4 - 3 1 4 4 7	89 5 4 a   +8 - 3	1 1308 00 150 10 1 0 8 19 1	······································	1. I al 1 w H we W w 1	1 20 0 3 4 70 1 30 22 1			1 3355 1 533 1 8 4 3 4		104100 : [1154 ]	1 1 2377 15 2 1 11 4 1	a mailt a 11 a an a a th	um Bin I u Binn mi I	[m   ]   m = n =   ]	1000 - 1000 100 00 00 00 00 00 00 00 00 00 00	1 w w 1 1 1 1 1 1 1 1 1	6 19 105 86 311 19 9 512 17 87 16	8 28 359 115 204 35 204 35 44 26 3 6	31 3
al	3108	2223	2962	21	727	70	6	1.90	42	93	71	274	232	85	162	1211	815	410	177	8±	309	814	59	1,50	4	30	114	7	76	65	74	.54	30	236	3	995	1185	
												_					_		TOTAL	S FOR	BOYS	AND GIR	1.8.															_
cal		4155				70	_		42	93		274 558		85	162	1711	855		-	S FOR	1			130	4	30	164	7		65	74	54		236 518		3	3 993 65 1985	



#### JUVENILE EMPLOYMENT.

Enquiries as to employment were made as in former years and where necessary, cases have been reported to the officer responsible for action under the Children's Act, 1903. The conditions arising out of the War do not appear to have influenced the employment of children in Croydon to any appreciable extent.

#### MENTAL DEFICIENCY.

At the end of 1915 there were 144 cases of mental deficiency known in the borough. Of these 75 cases were under the age of 16 years and within the purview of the Education Committee. These cases consisted of 44 males and 31 females—one of each sex having died during the year, the nett numbers are 43 males and 30 females.

#### GRANGEWOOD SPECIAL CLASS.

The following summary shows the number of children taught at this class during the year :---

Number of children on Register on 31st December, 1914	16
Number of children admitted to class during 1915	3
Number of children discharged from class and re-admitted to Council Schools, 1915	3
Number of children discharged from the class because of unsuitability or other reason	I
Number of children on Register of December 31st, 1915	15

#### THE WORK OF THE OPHTHALMIC SURGEON.

The reference of cases of defective vision has been made to the Ophthalmic Surgeon as heretofore. Mr. Wray has also made special visits to schools to examine for himself particular cases of optical defect in children.

The number of refractions done in 1915 was 578; in 1914 the number was 490.

The total number of children examined for eye trouble in 1915 was 863, as contrasted with 749 in 1914.

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

Total	No.	of	children exami	ined	863
,,	,,	,,	attendances		1714

## TABLE E. viii.

Children refracted						578
Glasses were ordered for	or				429	
Glasses not needing cha	anging				15	
Glasses not advised at 1	present				76	
Vision found normal					58	
				-		578
					-	
Glasses were needed and or	dered a	as follo	ws :			
Myopia					73	
TT					157	
Astigmatism, myopic					45	
,, hypermet					70	
					36	
Strabismus					48	
				-		
					429	
				-	-	

Hospital advised for nine cases.

Of the glasses ordered 195 were urgently needed and were as follows :--

Myopia			 	 27
Hypermetro	opia		 	 14
Astigmatism	n, myopic		 	 29
"	hypermet	ropic	 	 17
Strabismus,	internus		 	 46
,,	alternating	5	 	 2
				135

89

her diseases treated of	and advis	ed, wer	re :—	
Ulcer of cornea				 31
Blepharitis				 46
Conjunctivitis				 144
" cont	agious			 89
,, follio				 1
Phlyctenula				 36
Nystagmus				2
Nebula				 14
Hordeolum				 01
Keratitis, Vascular				 I
,, Interstial				 4
Cataract, pyranidal	1			 I
Retino-choroditis				 2
Dislocated lens	• • • • •			 I
Pseudo-glioma				 I
Word blindness				 4
Chalazion				 2
Ptosis (right eye)				 I
,, (left eye)				 I
Phlyctenula (recur	rent)-ho	ospital a	dvised	 1
Episcleritis				 I
Alexia				 t
Glioma				 I
Oedema of lid				 I
Foreign body				 I
Contused globe				 I
Epiphora				 3
		,	Гotal	 401

#### THE WORK OF THE SCHOOL DENTISTS.

The dental work amongst school children has been carried out on similar lines to that of previous years The special age dealt with has been that of 6-7 years. Special cases in other age periods have also been dealt with. Mr. A. Brearley Oddie, L.D S., and Mr. Charles Lightfoot, L.D.S., are the two dental surgeons. The dental reinspections have been for the first time fairly adequately carried out this year.

## TABLE E. ix.

## Dental Inspection of Schools

School.	Child	ren Exa	mined.		h all ınd.		eth ctive.	Percent'ge with Sound Teeth.		
	Boys.	Girls.	Total.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Ingram Road	14	17	31	3	2	II	15	21.4	11'7	
Princess Road	51	39	90	6	3	45	36	11.26	7.60	
St. Saviour's	23	23	46	6	5	17	18	26.08	21.73	
Ecclesbourne Road	59	48	107	9	7	50	41	15.25	14'58	
Boston Road Infants	58	49	107	14	9	44	40	24'1	18.4	
Christ Church, Longley Rd.	14	18	32	4	5	10	15	28.6	27.8	
,, Wildbore's	19	16	35	2	5	17	II	10.2	31.3	
St. Mary's, Wellesley Rd.	13	15	28	3	2	IO	13	23'1	13.3	
Tavistock Grove	21	30	51	4	8	17	22	10.1	26.7	
Holy Trinity	23	18	41	2	4	21	14	8.7	22'2	
St. Mark's	17	14	31	I	Í	16	13	5.9	7'I	
Woodside	40	26	66	6	I	34	25	15.0	3.9	
Brighton Road	13	8	21	2		II	8	13.0		
Oval Road	21	12	33	2		10	12	9.5		
Davidson Road Infants	39	23	62	7	3	32	20	17.9	13'4	
Portland Road	68	69	137	6	7	62	62	8.8	10.1	
Parish Church	30	20	50	6	I	2.4	10	20'0	5'0	
Mitcham Road	49	50	99	IO	IO	39	40	20'4	20'0	
Boston Road	II	13	24	4	4	7	9	36.4	30.8	
St. Joseph's	IO	13	23	I	3	9	IO	10.0	23'0	
Up. Norwood (Rockmount)	18	24	42	3	2	15	22	16.6	8.3	
All Saints' (Up. Norwood)	15	13	28		1	15	12		7.7	
Brighton Road	22	29	51	5	2	24	20	22.7	6.9	
Davidson Road	19	26	45	I	3	18	23	5'3	11.7	
Holy Trinity	25	18	43	I	4	24	14	4'0	22.2	
Ecclesbourne Road	IO	12	22		2	IO	IO		16.6	
Sydenham Road	47	35	82	5	3	42	32	10.0	8.5	
St. Mark's	7	17	24	3	2	4	15	42.9	11.7	
St. Andrew's Infants	29	33	62	3	5	26	28	10'3	15.2	
Dering Place Infants	21	22	43	5	3	.16	19	23.8	13.6	
Totals	806	750	1556	124	107	689	638	16.00	13.7	

		Children with teeth all sound at previous inspection. At re-inspection.					Children who were treated for caries discovered at previous inspection. At re-inspection.					mary in	spection, l ted at the At re-in	out who l	clinic.		
Date. School.		All sound. Requiring treatment.		Requiring no further treatment fur					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.
1915.												-					1
an. 21	St. Andrew's	5	6		I						*** .						
, 21	Dering Place	2		I													
, 21	St. Peter's	4	6	3	2			***							***		
n. 22	Beulah Road	3	3	2	4	8	5	3	2	***	***				***		***
b. 2	Princess Road	I	I												***		
2	St. Saviour's		I	I			I	I									
or 22	Tavistock Grove	7	3	9	12			3	I				2			20	20
. 29	St. Andrew's, Old Town	I	I	3	I	I		I		***		***				4	2
29	,, (S.)	***	4	3	I			2	4			***			***	8	17
29	Dering Road	2	•••	3	2			I	I			***				***	3
y 4	Whitehorse Road	8	5	I	2	6	5	3	***				***			I	29
13	St. Peter's	3	***		2	3	2	10	5			***				7	3
13	Brighton Road	9	***	I	7			7	5			2				14	10
ne 4	Portland Road	5	4	I	1.8.1	3	9		I				***			28	21
22	Winterbourne Road	6	3	2		II	:2	4	I			4	3	***		23	22
25	Beulah Road	4	2			5	6			***		3	3			25	14
3 3	Shirley			2				I		I		I				I	5
3 21	South Norwood	I	2	I	4	2		5	3	4	3	2	I	2	2	19	II
21	Parish Church	5	2	6	13	9	2	5	10	3	I	3	1			13	19
g. 26	Boston Road	II	6	2	2	I	3	2	I	4		4				33 .	29
30	Christ Church (Longley	I	I	3	2	***		I	I	I	2	I	1		I	7	10
30 30	St. Mary's [Rd.)	1				***		2		2				I		4	10
	Tavistock Grove	3	3		2	I	I	2	I		I	2	I	***		10	15
27	Ingram Road Oval Road	2	I							2	 I					78	8
0.000	117	1	***	I		I		2	1 2	2 4		2	I		***	5 II	5 10
6	73 7 7 7 7 7	4		2	I	I		7	2 I			3		I			6
p. 13	Christ Ch'ch, Wildbore's	1	**	2						 I			***	***	***	5	
	TT I TT I I				3		1				2		 I		 I		7
3 3		-	3			2	2	***	***			•••				7	4
57	Part Dest	6	i				7			 I		 I	2			7	. 7
7 10	Defense Deed	4	I	I 2	3	4				I	3	I	3			35	20
IO	C. C. J. J.		2		 I	2	. 2				 I				 I	5	8
V. 12	D 1 1 D 1	4	8			3 12				 I	T	 I	I			30	and the second second
c. 20	Parish Church Infants	7 2	2		I	12	/		3	2		2				10	35

#### TABLE E. xi.

Table of Schools inspected by the School Dental Officers during the year 1915, showing the number of children found with defective teeth and the number who received treatment at the Dental Clinic at the Town Hall.

Date of Inspection, 1915.	Name of School. (Infants' Departments.)	Number of children examined,	Number found with defective teeth-	Number of children treated by the School Dental Officers at the Dental Clinic.
January 22nd	Ingram Road	31	26	5
	Ct Caniounla	10	35	12
12 1 1 .	Boston Road	107	84	10
Ond	Princess Road	00	81	11
0.1	Christ Church	35	28	45
,, 9th	(Wildbore's		20	-0
	,, (Longley Road		25	9
., 12th	T2 1 1 T2 1	108	91	15
baGO	Cr Manda	00	23	8 .
.,	Tavistaals Crows	E1	39	10
March 2nd	Thele Thinks	41	35	10
	Ct Mark's	01	29	
yr yr	St. Mark's	00	29 59	6
., 4th 8th	Woodside Oval Road		31	28
,,			19	12
" " "	Brighton Road			12
,, 22nd	Davidson Road		52	15
May 7th	Portland Road		124	52
une 21st	Parish Church		43	36
July 8th	Mitcham Road		79	9 (incomplete)
August 26th	Boston Road		16	7 .,
,, 27th	St. Joseph's		19	5
,, ,,	Upper Norwood .		37	6 ,,
., ,,	All Saints'		27	7 .,
September 3rd	Holy Trinity		38	18 ,,
,, 6th	Brighton Road		44	9 ,,
,, 7th	Ecclesbourne Road	. 22	20 -	9 ,,
,, 23rd	David-on Road	and the second se	41	12 ,,
October 26th	Sydenham Road	. 82	74	4 ,.
,, ,,	St. Mark's	. 24	19 .	1
,, 28th	St. Andrew's	. 62	54	7 .,
,, ,,	Dering Place	. 43	35	4 ,,

#### TABLE E. xii.

## DENTAL CLINIC.

## Particulars as to Fillings, etc.

							Extrac	tions.						
		Attend	dances.	Filli	ings	Ordi	nary.		' local '' O Gas.	Dress	sings.		o Gas.	
Date.		Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Gırls.	Boys.	Girls.	Boys.	Girls.	Remarks.
January		62	55	23	21	2	4	92	55	13	15	7	6	36 children did not attend
February		68	67	38	45	12	6	36	64	5	15	14	9	28 do. do.
March		76	82	62	48	11	6	68	69	6	15	10	13	55 do. do.
April		49	72	34	56	25	12	15	30	II	2	9	15	38 do. do.
May		69	44	49	28	11	2	53	50	6		I	2	27 do. do.
June		78	50	53	18	17	3	44	74	9	I	8	IO	28 do. do.
July		57	65	26	30	12	4	72	84	2	5	7	7	<ul> <li>refused treatment.</li> <li>28 children did not attend.</li> <li>refused treatment.</li> </ul>
August — Sept.		86	66	53	33	8	II	IOI	52	8	5	II	2	47 children did not attend.
October		77	88	68	40	17	7	64	62	7	3	12	8	67 do. do.
Nov.		113	82	66	37	11	7	122	103	33	8	16	II	I refused treatment. 74 children did not attend.
Dec.		61	53	29	40	7	10	73.	39	3	4	8	5	31 do. do.
Totals in 1	915	796	724	501	396	133	72	740	682	103	73	103	88	
Totals in 1	914	458	506	251	350	87	IIO	449	444	39	86	73	82	

#### SCHOOL TREATMENT CENTRE

AND

#### SPINAL REMEDIAL WORK.

#### TREATMENT OF SCHOOL CHILDREN.

Total	number	of new cases	 	1018
Total	number	of attendances	 	5982

The cases dealt with are mostly minor ailments and children from poor families who require continuous medical supervision.

On Monday and Saturday mornings each week the doctor is in attendance and sees all new cases and such old cases as require it. On these and the remaining four mornings of the week the Health Visitor who is the nurse in charge of this work carries out the treatment advised. As a general rule the attendance of the children receiving treatment has been satisfactory. In some cases of ringworm the home treatment has not been properly carried out, and when this neglect is persisted in and the offer of X-Ray treatment is refused th e cases are referred to the School Attendance Officer for further action.

The Centre, in this section of its work, has, in my opinion, fully justified its establishment. It will be seen from the number of new cases, taking 50 weeks as being the year, that there has been an average of 20 new cases seen each week. The real number of weeks which we should take as a maximum is 10, which approximately is the number of school weeks per abnum, for in the vacations the number of children in attendance always diminishes very considerably and the new cases dwindle to practically nothing. The average number of new cases per week on this basis is 25. The value of the Centre is considerably increased when it is recollected that it affords opportunities of special examination of obscure or difficult cases met with at medical inspections or specially referred to the school medical staff

#### RINGWORM.

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

#### TABLE E. xiii.

Total No. of children treate	d	 Scalp 102 Body 40	Totals.
No. of attendances		 Scalp 500 Body 66	142
			56

No. of cases X-rayed Total attendances for X-ray treatment			58 116
No. of cases treated by Drugs	Scalp Body	44 40	0
No. of children freed	Scalp Body	88 40	84
Outstanding cases on January 1st, 1916	Scalp Body	14 	128
INAL DEMEDIAL CLASS			14

#### SPINAL REMEDIAL CLASS.

This class has been held in one of the rooms of the Treatment Centres from April 12th, 1915, and the figures given below refer to a period from that date to December 31st, 1915.

Total	number	of	new cases	 	49
Total	number	of	attendances	 	1052

Of the 49 children treated :--

- 1. Five have left school.
- 2. One has left the district.
- 3. Twelve have been discharged as needing no further treatment.
- 4. Eight have been discharged with instructions to attend the class occasionally.
- 5. One has been excluded for a time.
- 6. One has been discharged because of irregular attendance.
- 7. Twenty-one are still attending the class

During the past year a considerable addition has been made to the apparatus provided for the special exercises required for the remedial treatment of early cases of spinal curvature. The time also which Miss Appleton has been able to devote to the class has been increased. The results have been most gratifying, and the exercises can now be carried out much more satisfactorily and efficiently and the number of children who can be treated made very considerably greater.

The class is regularly visited by one of the medical members of the staff and advice given as to the treatment and to the discharge or retention of cases.

It is impossible to over-estimate the value of the work which is being carried out at this class, as the prevention of spinal deformity is clearly a thing which entirely alters the capacities and outlook upon life of the individuals so treated.

### ACTION TAKEN TO PREVENT SPREAD OF INFECTIOUS DISEASES.

#### TABLE E. xv.

6109 notices of illness (including duplicate notices) were received from School Teachers or Attendance Officers during 1915. 5565 notices of illness were despatched to the respective schools by the Public Health Department. These notices dealt with, amongst others, 5,140 school children actually suffering from the infectious diseases mentioned in the Table :—

Illness.		Ist Quarter.	2nd Quarter.	3rd Onarter.	4th Quarter.	Total.
Scarlet Fever		 63	29	30	45	167
Diphtheria		 13	15	26	30	84
Measles		 551	644	48	12	1255
Mumps		 465	458	98	52	1073
Whooping Cough		 52	106	47	54	259
Chicken-pox		 186	71	38	93	388
Sore Throat		 70	22	39	76	207
Ringworm (Scalp)		 58 .	32	24	12	126
,, (body)		 51	24	19	13	107
,, (body) Impetigo		 141	132	102	148	523
Scabies		 I 2	4	4	9	29
Infectious Eye Disea	ase	 76	71	50	43	240
Other diseases		 293	156	100	133	682
Total	s	 2031	1764	625	720	5140

The table has been modified to record 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.

During the year part of the time of six to seven lady Health Visitors has been given up to school medical work. Their duties in this connection have mainly beenattendance at school medical inspections, the v sitation of children who are absent from school because of suspected infectious disease, and the following up of those in whom defects have been discovered at the school medical inspections. Each district Health Visitor is responsible for the visitation of all the school children in her particular area. One Health Visitor has given most of her time to the work of the Treatment Centre. Part of the time of the Health Visitors has been taken up in the clinics held at the Town Hall for the treatment of defects of the eyes and teeth. On each of the School Care Committees a Health Visitor has voluntarily given her services during the year The work of the Health Visitors is set out in detail in the following Table (E. xvi.)

## TABLE E. XVI.

Diseases have occurred.       Ist Visits.       Visits.         Scarlet Fever          59        22         Diphtheria          107        68         Measles           1386        48         German Measles           1386        48         German Measles           1861        2         Mumps           1861        71         Whooping Cough           1861        71         Whooping Cough           163        163         Ringworm (scalp)            158        156         Verminous Heads             746        797         Scabies						Scho	ol Cas	es.
Diphtheria         107        68         Measles          1386        48         German Measles           1386        48         German Measles           60        2         Mumps            60        2         Mumps            60        2         Mumps	Visits to Houses v Diseases hav	where the occu	the foll arred.	lowing		1st Visits.		Subsequent Visits.
Diphtheria         107        68         Measles          1386        48         German Measles          1386        48         German Measles           60        2         Mumps            60        2         Mumps            1861        71         Whooping Cough           283        18         Chicken Pox           461        20         Sore Throat						59		22
German Measles	Diphtheria							68
German Measles           60        2         Mumps           1861        71         Whooping Cough           283        18         Chicken Pox           461        20         Sore Throat            461        20         Sore Throat             163         Ringworm (scalp)               163         Verminous Heads						1386		48
Whooping Cough $28_3$ $18$ Chicken Pox $461$ $20$ Sore Throat $461$ $20$ Sore Throat $531$ $163$ Ringworm (scalp) $149$ $143$ (body) $149$ $143$ (body) $158$ $156$ Verminous Heads $9$ $2$ Verminous Bodies $37$ $11$ Impetigo Contagiosa $746$ $797$ Scabies $306$ $151$ Other diseases $306$ $151$ Other diseases $263$ $3$ Number of Children prepared for Medical $7396$ <td>German Measles</td> <td></td> <td></td> <td></td> <td></td> <td>60</td> <td></td> <td>2</td>	German Measles					60		2
Chicken Pox          461        20         Sore Throat           531        163         Ringworm (scalp)           149        148          (body)          158        156         Verminous Heads            9        2         Verminous Bodies </td <td>Mumps</td> <td></td> <td></td> <td></td> <td></td> <td>1861</td> <td></td> <td>71</td>	Mumps					1861		71
Sore Throat $53^{1}$ $16_{3}$ Ringworm (scalp) $149$ $148$ .,       (body) $158$ $156$ Verminous Heads $9$ $2$ Verminous Bodies $37$ $11$ Impetigo Contagiosa $746$ $797$ Scabies $49$ $76$ Infectious Eye Disease $306$ $151$ Other diseases $306$ $151$ Visits paid to Elementary Schools for Medical $7382$ $2131$ Visits paid to Elementary Schools for Medical $7396$ Inspection :Newly Inspected $1597$ Specially Inspected $128$ Other Visits	Whooping Cough					283		18
Sore Throat $531$ $163$ Ringworm (scalp) $149$ $148$ (body) $158$ $156$ Verminous Heads $9$ $2$ Verminous Bodies $37$ $11$ Impetigo Contagiosa $37$ $11$ Impetigo Contagiosa $37$ $11$ Impetigo Contagiosa $37$ $11$ Inpetigo Contagiosa $37$ $11$ Infectious Eye Disease $306$ $151$ Other diseases $3782$ $2131$ Visits paid to Elementary Schools for Medical $7382$ $2131$ Number of Children prepared for Medical $7396$ Re-inspected	Chicken Pox					461		20
Ringworm (scalp)         149        148         ., (body)         158        156         Verminous Heads         9        2         Verminous Bodies          9        2         Verminous Bodies           9        2         Verminous Bodies            9        2         Verminous Bodies             9        2         Verminous Bodies	Sore Throat							163
., (body)         158        156         Verminous Heads         9        2         Verminous Bodies          9        2         Verminous Bodies          9        2         Verminous Bodies          37        11         Impetigo Contagiosa          746        797         Scabies            49        76         Infectious Eye Disease           306        151         Other diseases           180        468         Visits paid to Elementary Schools for Medical         263        3         Number of Children prepared for Medical       Inspection : Newly Inspected         132           Specially Inspected          128        <	Ringworm (scalp)					00		148
Verminous Heads         9        2         Verminous Bodies         37        11         Impetigo Contagiosa          37        11         Impetigo Contagiosa          746        797         Scabies           49        76         Infectious Eye Disease           306        151         Other diseases           1180        468         7382       2131         Visits paid to Elementary Schools for Medical         263        3         Number of Children prepared for Medical       Inspection : Newly Inspected         132           Re-inspected          132            Other Visits to Elementary Schools         128            Home Visits for other information								
Verminous Bodies $37$ 11         Impetigo Contagiosa $746$ 797         Scabies           49        76         Infectious Eye Disease $306$ 151         Other diseases $306$ 151         Other diseases $306$ 151         Other diseases $306$ 151         Other diseases $306$ 151         Visits paid to Elementary Schools for Medical $263$ 3         Number of Children prepared for Medical       Inspection : Newly Inspected $7396$ Re-inspected $132$ Other Visits to Elementary Schools $128$	Verminous Heads							
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Scabies          49        76         Infectious Eye Disease          306        151         Other diseases           306        151         Other diseases           306        151         Visits paid to Elementary Schools for Medical          263        3         Number of Children prepared for Medical       Inspection: Newly Inspected         7396           Re-inspected          1597           Other Visits to Elementary Schools         132           Other Visits to Elementary Schools         128           Home Visits for other information         477        55								797
Infectious Eye Disease   <	Sachian							
Other diseases          1180        468         7382       2131         Visits paid to Elementary Schools for Medical        263        3         Number of Children prepared for Medical        263        3         Number of Children prepared for Medical         1597          Re-inspected         132           Specially Inspected         132           Other Visits to Elementary Schools         128           Home Visits for other information         477        55								
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C 1	Home Visite for other	inform	etical		cion		***	
Cultures taken 711 03			ation		***			
	Cultures taken	***				711		03

## 98

## SCHOOL CLOSURE.

During the year 1915 the following schools were closed in accordance with Article 45 ( $\delta$ ) of the Code

School.	ø Department.	Disease.	Date of Closure.	Length of Closure.	
All Saints'	Girls & Infants	Measles	January 18th	3 weeks.	
Brighton Road	Infants	Measles	February 8th	I week.	
Christ Church (Wildbore's)	Infants	Mumps	February 9th	21/2 weeks.	
St. Andrew's (Old Town)	Mixed & Infants	Mumps	February 9th	21/2 weeks.	
Portland Road	Infants	Measles	February 10th	3½ weeks.	
Parish Church	Infants	Measles	February 12th	3 weeks.	
Whitehorse Road	Infants	Measles and Mumps.	February 24th	do.	
South Norwood	Infants	Measles	March 2nd	31 weeks.	
St. Mark's	Girls & Infants	Measles	March 9th	3 weeks.	
Winterbourne Rd.	Infants	Measles and Mumps	March 22nd	2 weeks.	
Beulah Road	Infants	Measles	March 22nd	1 <sup>1</sup> / <sub>2</sub> weeks.	
Brighton Road	Infants	Measles	March 22nd	do.	
Ecclesbourne Rd.	Infants	Measles	March 24th	do.	
Upper Norwood	Infants	Measles	March 24th	do.	
Woodside	Infants	Measles	March 24th	do.	
Christ Church (Wildbore's)	Infants	Measles	April 12th	2 weeks.	
Christ Church (Longley Road)	Infants	Measles and Mumps	April 27th	21 weeks.	
Davidson Road	Infants	Mumps	July 6th	do.	

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TABLE E. xvii.

## PHYSICALLY AND MENTALLY DEFECTIVE CHILDREN SENT TO INSTITUTIONS.

At the end of the year the following Croydon children were under treatment in residential institutions outside the Borough :---

Blind		 	 9
Deaf		 	 15
/	defective	 	 5
Epileptic		 	 I

#### EXAMINATION OF BURSARS AND STUDENT TEACHERS.

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

# 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 I	Jungs		÷ • • •	 		27
,, I	Ieart			 		33
,, I	Ear, Thro	oat and	Nose	 		252
	skin			 		235
Ringworm-						00
Scalp				 	102	
Body				 	40	
,						142
*Mentally De	fective C	hildren		 		6
Diseases of N				 		12
Spinal Troub						1.00
Eye Diseases	or Defe	ote		 		58
	or Dere	CLS		 		
Glands			•••	 •••		42
Rheumatism				 		10
Bronchitis				 		44
Debility				 		44
Anæmia				 		IO
Various				 		107
						077
						977

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

#### TEACHING OF INFANT CARE.

The Infant Care Class has been continued at the Tavistock Grove School. 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. 56 girls attended the class during the year.

#### FEEDING OF NECESSITOUS SCHOOL CHILDREN.

Improved social conditions made this section of the work unnecessary. No canteens were therefore established.

#### LECTURES ON HEALTH SUBJECTS.

Excepting in the early part of 1915, when the later part of the series of lectures referred to in the 1914 report was completed, it has been impossible to organise any lecture series this year.

