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

#### Contributors

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## HEALTH REPORT

#### FOR

### 1907

OF THE

# Croydon Rural District

BY THE

## Medical Officer of Health.

Submitted to the Council 6th February, 1908.

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WALLINGTON : WILLIAM PILE, LTD., PRINTERS, 19, MANOR ROAD.



## **Groydon Rural District Council.**

HEALTH REPORT FOR 1907.

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GENTLEMEN,

I beg to submit to you my tenth Annual Report upon the Health and Sanitary condition of the District.

Appended are the statistical tables, and the report on the working of the Factory and Workshops Act, in accordance with the requirements of the Home Office.

The Death Rate is extremely low, being only 9.7; the Birth Rate is also low, being 24.6 per thousand of population.

The year 1907, generally speaking, has been a fairly healthy one, with no very serious outbreaks of epidemic disease.

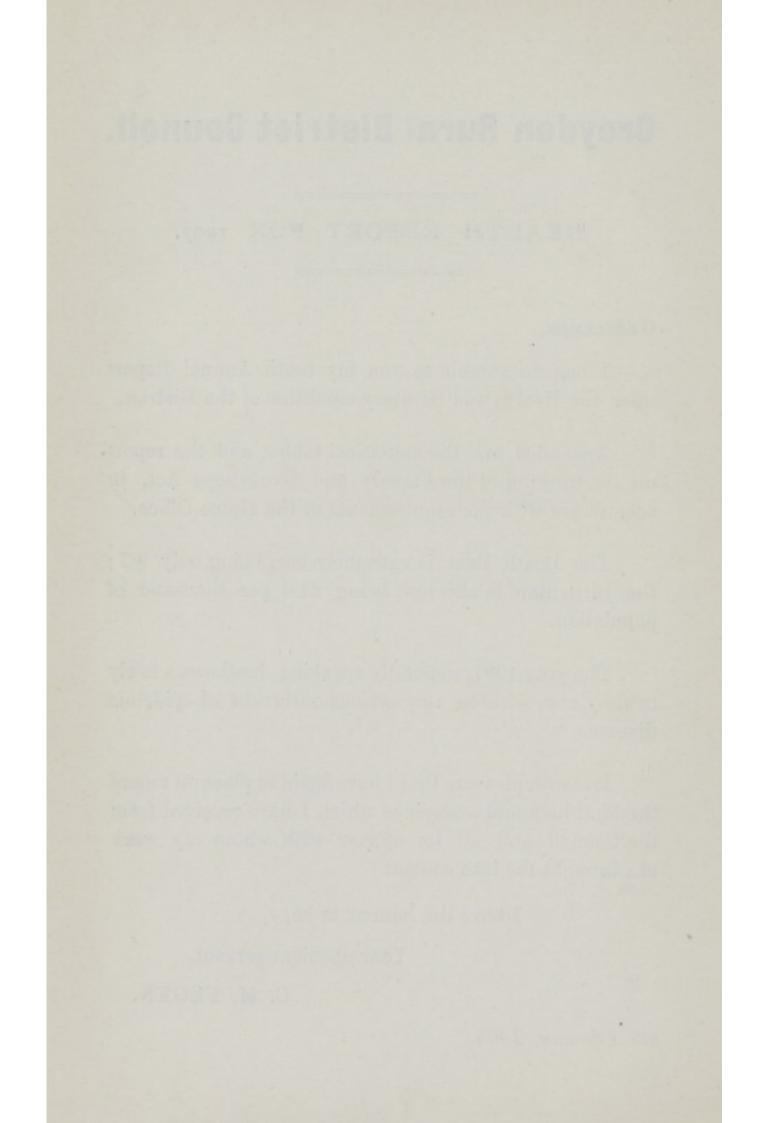
It is with pleasure that I have again to place on record the kind help and assistance which I have received from the Council and all its officers with whom my work has brought me into contact.

I have the honour to be,

Your obedient servant,

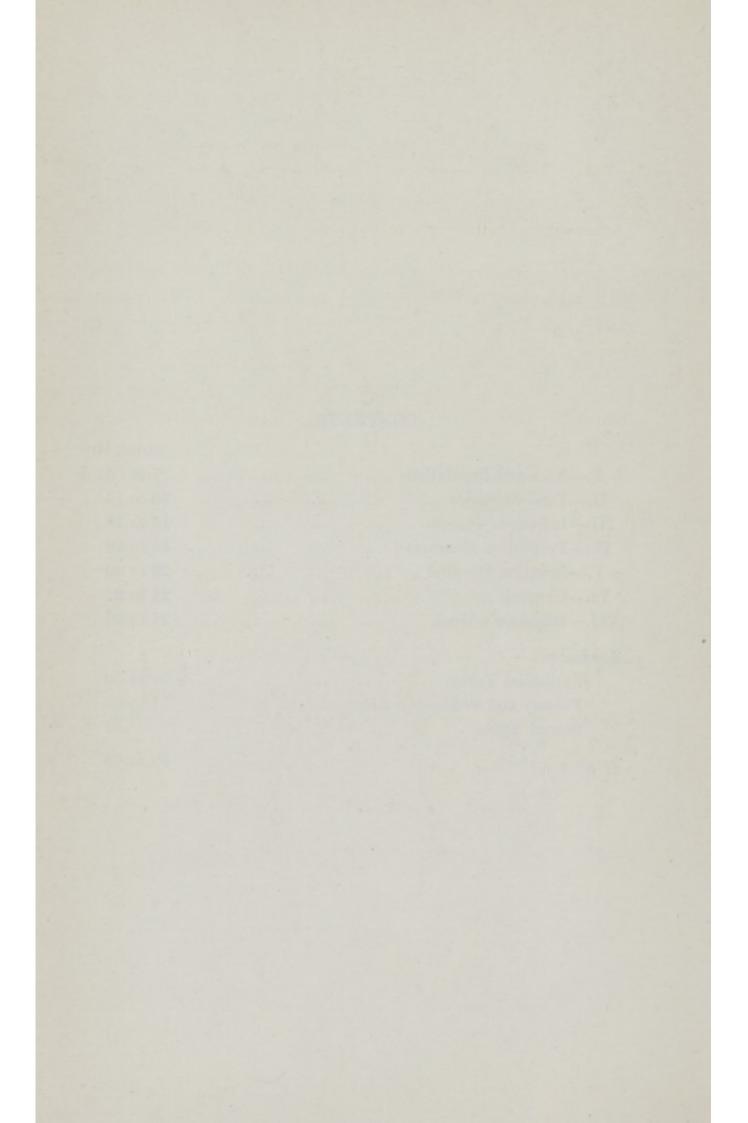
C. M. FEGEN.

6th February, 1908.



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## REPORT.

#### I.-AREA AND POPULATION.

- Grade Kasan

The District consists of nine parishes, and the total area is 22,766 acres. The largest Parish is Coulsdon, with 4,314 acres, and the smallest Wallington, with 823 acres.

In the year 1901, at the time of the last Census, the population was 38,071, but omitting the three large institutions, viz.: — The Cane Hill Asylum, the Holborn Workhouse, and the Holborn Schools, the total population was 34,180, of which number 16,202 were males and 17,978 were females.

At the middle of 1907, the population was estimated to have increased to 70,950, but omitting all institutions, the corrected number was 66,300, of which number 32,445 were males and 33,855 were females.

The number of inhabitants in the three large institutions has increased from 2,468 in 1891 to 3,759 in 1907; this shows a decrease of 55 since the middle of 1906.

The number of occupied houses in the District was :

ln	1881	 	 	3,730
,,	1891	 	 	4,845
,,	1900	 	 	6,597
,,	1901	 	 	7,027
,,	1902	 	 	7.694
,,	1903	 	 	8,316
,,	1904	 	 	9,421
,,	1905	 	 	10,493
,,	1906	 	 	11,614
,,	1907	 	 	13,086

This shows an increase of 9,356 in the number of houses occupied during the last 26 years, and in nearly every parish the supply is unequal to the demand.

The subjoined table will show the number of houses in each parish in the years 1891, 1903, 1904, 1905, 1906, 1907, and also the increases between the years 1891 and 1903, 1903 and 1904, 1904 and 1905, 1905 and 1906, 1906 and 1907, and 1891 and 1907.

	1		Nu	imber o	of Hous	ses				Inc	rease				
Parish.								een 1 903	een 3 904	een 4 905	ween 05 1906	een 6 907	een 1		
	_	In 1891	In 1903	In 19:4	In 1905	In 1906	In 1907	Between 1891 and 1903	Between 1903 and 1904	Between 1904 and 1905	Betwee 1905 and 19	OL WOL			
Addington		132	120	138	134	139	139	-12	18	-4	5	-	7		
Beddington		442	933	1035	1169	1442	1480	491	102	134	273	38	1038		
Coulsdon		537	1001	1244	1365	1512	1643	464	243	121	147	131	1106		
Merton		654	1348	1620	1861	1985	2464	694	272	241	124	479	1810		
Mitcham		2055	3076	3337	3806	4177	4874	1021	261	469	371	697	2819		
Morden		138	196	210	206	205	224	58	14	-4	-1	19	86		
Sanderstead		96	250	309	342	425	492	154	59	33	83	67	396		
Wallington		710	1272	1388	1464	1546	1564	562	116	76	82	18	854		
Woodmanster	ne	81	120	140	146	183	206	39	20	6	87	23	125		
		4345	8316	9421	10493	11614	13086	3471	1105	1072	1121	1472	8241		

It will be seen from this table that great activity in building has taken place at Mitcham with 679 new houses, Merton with 479, and Coulsdon with 131.

In the District generally the average number of persons occupying each house in 1891 was 5.4, but at the census in 1901 it was found to have fallen to 4.8, while for 1907 it is estimated at 5.0.

The average number of persons per inhabited house remains as a general rule fairly constant for each locality, though varying considerably in different parishes according to the class of house erected. In many parts of the district "tenement" house or houses let in flats have been built, such houses of course having a considerably larger number of inmates.

The natural increase during the year has been 986 more births than deaths.

Tn 1907	the increase		171
10 1091	the increase	was	 474
,, 1898	,,		 392
., 1899	,, ·		 379
,, 1900	,,		 460
,, 1901	,,		 543
,, 1902	*,		 552
,, 1903	,,		 730
,, 1904	,,		 763
,, 1905	,,		 879
., 1906	,,		 921
,, 1907	,,		 986

It has amounted to 9,741 since the census in 1891.

The greatest excess of Births over Deaths in 1907 was at Mitcham with 430, Merton with 212, Beddington with 107, and Coulsdon with 94.

Excess of Births over Deaths.

	Dea	ths in 1907.	Births in 1907.	Excess of Births in 1907.
Addington		7	7	
Beddington		55	162	107
Coulsdon		69	168	94
Merton		120	882	212
Mitcham		286	716	430
Morden		12	24	12
Sanderstead		16	49	33
Wallington		76	138	62
Woodmanster	ne	8	44	36
		649	1685	986

#### II.-VITAL STATISTICS.

#### BIRTHS.

The number of Births registered in the District was 1635, as compared with 1600 in 1906, 1408 in 1905, 1284 in 1904, 1161 in 1903, and 976 in 1902. Of this number 39 children were registered as being illegitimate. This gives an illegitimate birth-rate of  $2\cdot3$  per cent. of total births.

	No. of	Illegitimate	Births.	Percentage.
Beddington		2		1.2
Coulsdon -		1		.6
Merton		2		·6
Mitcham		29		4.0
Sanderstead		1		2.0
Wallington		8		2.1
Wooodmanst	erne	1		2.2

The birth rate for the year for the entire District was 24.6 as compared with 26.7 in 1906, 25.7 in 1905, 27.3 in 1904, 28.2 in 1903, 26.0 in and 1902.

The birth rate in England and Wales in 1907 was 26.3 per thousand of the population, which is 0.8 per thousand below the rate in 1906, and lower than the rate in any other year on record; compared with the average in the 10 preceding years, 1897-1906, the birth rate in 1907 shows a decrease of 2.1 per thousand.

Parish.		Estimated Population middle of 1907.	Registered Births.					. Birth Rates.					
		Estin Popu midd 19	1903	1904	1905	1906	1907	1903	1904	1905	1906	1907	
Addington		690	7	13	11	11	7	11.3	18.5	16.4	15.8	10.1	
Beddington		7100	101	144	123	157	162	22.0	27.8	21.0	22 2	22.8	
Coulsdon		8500	122	149	150	183	163	23.6	23.1	21.2	23.2	19.1	
Merton		11300	221	219	258	280	332	36.4	29.3	28.1	30.1	29.3	
Mitcham		25800	497	542	642	721	716	32.0	31.8	31.1	31.9	27.7	
Morden		1100	25	24	20	29	24	24.5	21.8	19.5	28.2	21.8	
Sanderstead		2350	26	28	28	35	49	20.6	18.0	16.3	17.1	16.5	
Wallington		8400	152	142	155	155	138	24.0	20.6	19.8	18.5	16.4	
Woodmanster	ne	1060	10	23	21	29	44	16.3	31.2	27.2	30.5	41.5	
		66300	1161	1284	1408	1600	1635	28.2	27.3	25.7	26.7	24.6	

REGISTERED BIRTHS AND BIRTH RATES.

#### DEATHS.

Exclusive of those Deaths which occurred in Public Institutions situated within the district, the deaths registered during the year numbered 649. This number includes those persons from within the district who died outside, either at the Workhouse, Workhouse Infirmary, or at the General Hospital at Croydon; the Surrey County Asylum at Brookwood; the Cottage Hospital at Carshalton; or the Council's Isolation Hospital at Beddington Corner. The number of these Deaths was 113.

The mortality corresponds to a death rate of 9.7 per thousand of population, as against 11.3 in 1906, 9.6 in 1905, 11.0 in 1904, 10.4 in 1903, and 11.3 in 1902, and as against an average of 11.5 during the ten years 1906-1897.

The death rate in England and Wales in 1907 was 15.0 per thousand, which was 0.4 per thousand above the rate in 1906, lower than the rate in any other year on record; compared with the average rate in the ten years 1897-1906, the death rate in 1907 shows a decrease of 1.7 per thousand.

Parish.	tion esti- to middle 1907,			Deaths		Death Rates.					
	Population mated to n of 190	1903	1904	1905	1906	1907	1903	1904	1905	1906	1907
Addington	690	5	11	11	4	7	8.0	15.7	16.4	5.7	10.1
D. 13:	. 7100	34	45	39	48	55	7.4	8.7	6.7	6.8	7.7
Coulsdon	. 8500	40	41	39	79	69	7.7	6.3	5.4	10.0	8.1
Merton	. 11300	70	75	80_	118	120	14.5	10.0	8.7	12.5	10.6
Mitcham	. 25800	195	247	270	308	286	12.9	14.5	13.0	13.6	11.0
Morden	. 1100	13	7	15	9	12	12.7	6.3	14.4	8.7	10.9
Sanderstead	2350	8	16	8	11	16	6.3	10.3	4.7	5.3	6.8
Wallington .	. 8400	58	74	62	96	76	9.1	10.7	7.8	11.5	9.0
Woodmansterne	1060	8	5	5	6	8	13.6	6.8	6.4	6.3	7.5
	66300	431	521	529	679	649	10.4	11.0	9.6	11.3	9.7

\* Exclusive of deaths of non-residents occurring in public institutions in the District, but inclusive of deaths of residents occurring in public institutions outside the District.

N.B.—The number of deaths occurring to non-residents in public institutions in the District in 1907 was 239.

#### MORTALITY AT DIFFERENT AGES.

Infantile Mortality.—The number of infants under the age of one year who died during 1907 was 170, as against 199 in 1906, 138 in 1905, 158 in 1904, 109 in 1903, and 106 in 1902, the infantile mortality rate, therefore, being 103 per thousand births, as against 124 in 1906, 98 in 1905, 123 in 1904, 94 in 1903, 108 in 1902, and an average of 117 in the ten years 1897 to 1906.

The deaths of children under the age of one year, numbering 170, gives a percentage rate of 26.1 of the deaths at all ages, as against 29.3 in 1906, 26.0 in 1905, 29.3 in 1904, 25.5 in 1903, and 25.0 in 1902.

The rate of Mortality in England and Wales among infants under one year of age to 1000 registered births, was 118, which is 14 per 1000 below the rate in 1906. The rate in 1907 was lower than the rate in any other year on record.

MORTALITY.\*

The deaths of children between the ages of one and five years, numbering 70, gives a percentage of 10.7 of total deaths, as against 12.9 in 1906, 7.7 in 1905, 8.0 in 1904, 6.7 in 1903, and 9.2 in 1902.

The deaths occurring in persons over 65 years of age, numbering 149, give a percentage of 22.9 of total deaths, as against 21.5 in 1906, 27.4 in 1905, 22.8 in 1904, 28.3 in 1903, and 27.5 in 1902.

Parish.				n und Year.	er	Children between One and Five.				People over 65 Years.			
		1904	1905	1906	1907	1904	1905	1906	1907	1904	1905	1906	1907
Addington		2	1		1			2	1	3		1	3
Beddington		15	9	11	5	1	1	6	7	9	9	14	14
Coulsdon	·	9	8	14	22	3	5	9	7	13	11	18	13
Merton		21	22	32	30	5	2	10	12	19	19	28	32
Mitcham		86	78	118	92	31	26	54	37	44	72	47	53
Morden		3	3	1			2			3	6	2	6
Sanderstead		6	2		3		1	1	1	3	2	3	2
Wallington		15	13	19	13	2	3	6	4	24	25	31	25
Woodmanster	me	1	2	4	4		1		. 1	1	1	2	1
Totals		158	138	199	170	42	41	88	70	119	145	146	149

CAUSES OF DEATHS.

The deaths registered during 1907 included-

#### 3 from Measles.

- 7 " Scarlet Fever.
- 17 ,, Whooping Cough.
- 53 " Diarrhœa.
- 3 ,, Typhoid Fever.
- 51 " Phthisis.
- 14 " Influenza.
- 21 ,, Injuries (self-inflicted or otherwise).
- 97 ,, Lung Complaints.
- 36 " Cancer (malignant disease).
- 5 " Alcoholism (cirrhosis of liver).

The Zymotic Death Rate is a term commonly applied to the rates of deaths occurring from the seven principle zymotic complaints :—Small Pox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Diarrhœa and "Fever"; which latter term includes Typhus. Typhoid (or Enteric) and Puerperal Fevers. During the year 1907 the deaths from these complaints numbered 109, the Zymotic Death Rate therefore, being 1.6 per 1,000 of population, as compared with 1.7 in 1906, 0.9 in 1905, 1.5 in 1904, 1.7 in 1903, and 1.04 in 1902.

The deaths from Phthisis numbered 51, as against 42 last year, 38 in 1905, 37 in 1904, and 33 in 1903, The Phthisical Death Rate is, therefore, 0.7 per thousand of the population, as against 0.7 in 1906, 0.6 in 1905, 0.7 in 1904, and 0.8 in 1903.

The deaths from Pulmonary Diseases numbered 97, as against 88 last year, 84 in 1905, 126 in 1994, and 61 in 1903. This gives a Death Rate of 1.4, as against 1.4 in 1906, 1.5 in 1905, 2.6 in 1904, and 1.4 in 1903.

The deaths from Influenza numbered 14 as against 8 last year, 7 in 1905, 10 in 1904, and 8 in 1902. This gives a Death Rate of 0.2 per thousand of population, as against 0.1 last year, 0.2 in 1905, 0.2 in 1904, and 0.14 in 1903.

To various forms of violence, whether self-inflicted ar otherwise, 21 deaths were due, in all of which cases inquests were held. This gives a death Rate of 0.3, as against 0.3 in 1906, 0.2 in 1905, 0.48 in 1904, and 0.5 in 1903.

			ANNU	AL R.	ATE	PER	1000	LIV	ING.		
	Births.	Deaths.	Principal Epidemic Diseases. (Cols. 4–10)	Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping Cough.	Fever.	Diarrhœa.	Deaths under oneyear to 1000 Births.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
England and Wales }	26 3	15.0	1.26	0 00	0.36	0.09	0.16	0.29	0.07	0.29	118
76 Great Towns	27.0	15.4	1.54	0.00	0.43	0.12	0.17	0.35	0 07	0.40	127
142 smaller Towns	25.7	14.5	1.29	0.00	0.41	0.08	0.15	0.29	0 07	0 29	122
England and Wales, less the 218 Towns	25.6	14.7	0.91	0.00	0·25	0 06	0.15	0.21	0 06	0.18	106
Croydon Rural District	24.6	9.7	1.64	0.00	0 04	01	0.36	0.25	0.07	0 79	103

Birth Rate, Death Rate, and Analysis of Mortality in the year 1907.

#### DEATHS IN INSTITUTIONS.

The Deaths in Institutions situate in the District numbered 239, as against 204 in 1906, 178 in 1905, 210 in 1904, 203 in 1903, and 219 in 1902.

These deaths included :---

26 from Phthisis.

- 17 ,, Cancer (malignant disease).
- 35 ,, Lung Complaints.
- 29 ,, Heart Diseases.
- 88 ", Brain Diseases.

#### III.—INFECTIOUS DISEASE.

The Infectious Disease (Notification) Act has been in force in this District since the year 1890. In July of that year Measles was also included in the list of notifiable diseases, and in the summer of 1894, it was considered necessary that Diarrhœa should, for a short period, also be considered a notifiable desease. Owing to the epidemic of Small Pox that existed in and around London, as well as the Croydon Rural District, during the latter part of 1901 and the beginning of 1902, Chicken Pox was also made a Notifiable Disease, and continued to be so until the end of July, 1903. It was of great assistance in combating the outbreak of Small Pox.

The Infectious Disease (Prevention) Act is also in force in this District.

During the year 917 cases of Infectious Disease were either notified to the Sanitary Department or came to its knowledge through the vigilance of its Inspectors. Of this number 326 were due to Measles. Consequently, excluding this disease, there were 591 cases of other Notifiable Diseases, as against 439 in 1906, 397 in 1905, 333 in 1904, 227 in 1903, and 321 in 1902.

Reference to Table III. at the end of the report will show :---

- Firstly, cases notified in the whole District, with the ages of incidence and the nature of the Infectious Disease.
- Secondly, the total number of cases (and nature of the disease) in each locality.
- Thirdly, the number of cases removed from each locality to the Isolation Hospital.

INFANTILE SUMMER DIARRHEA.

During the year 40 deaths occurred from this disease, as compared with 18 in 1902, 28 in 1903, 39 in 1904, 24 in 1905, and 71 in 1906. Reference to Table XIII. in the appendix will show the circumstances, feeding, and family history of the victims to this, to some large extent, preventable disease in 1907, and Table XIV. the parishes and roads (or streets) invaded during the past seven years.

#### SCARLET FEVER.

During the year 317 cases of Scarlet Fever were notified, and the largest number coming from Coulsdon. This is 128 more cases than in the previous year, but out of this number the disease had a fatal ending in only seven cases. One hundred and eighty six cases were removed to the Isolation Hospital.

#### DIPHTHERIA.

During 1907, 190 cases of Diphtheria were notified, as against 161 in 1906, and 134 in 1905. One hundred and twenty-four of these cases were removed to the Isolation Hospital.

There were 24 deaths, nine of which occurred in cases not removed to the Hospital.

#### TYPHOID FEVER.

During the year 15 cases of Typhoid Fever were notified, as against 33 in 1906, and 18 cases in 1905. Eleven of these cases were removed to the Hospital.

Of the 15 cases the disease had a fatal ending in 3 cases.

#### PHTHISIS.

During the year 51 deaths occurred from Phthisis, as against 42 in 1906, 38 in 1905, and 37 in 1904. This increase is perhaps not excessive if the large growth of the district be taken in consideration. During the year I have examined the sputum of 97 persons, with a positive result in 57 cases. In all 114 such examinations were made.

Disinfection (repeated in several instances) has again been largely carried out in the rooms occupied by Phthisical persons, and the clothing, &c., has been systematically dealt with at the Council's Disinfecting Station.

#### IV.—PREVENTIVE MEASURES:

During the year 374 patients were admitted to the Isolation Hospital at Beddington Corner, including 43 patients from neighbouring authorities.

The usual routine preventive and precautionary measures have been continued as in previous years to check the extension of infectious disease with most satisfactory results. Isolation, disinfection and quarantine have been carried out under the careful and intelligent supervision of the Sanitary Staff, and outbreaks of infectious disease have been very materially limited.

Unrecognised cases as in previous years have been the origin of most outbreaks, and such unrecognised cases are always likely to exist in all diseases, especially if the attack is a very mild type, so mild indeed are some of these cases that the advice of a medical man is, by the parents of the patients, considered superfluous. These, unfortunately, are the cases which prove the nuclei of almost every epidemic.

Immediately on notification being received of the existence of cases of Scarlet Fever, Diphtheria, Typhoid Fever, and Small Pox, it is the custom to offer hospital treatment, and, if the offer is accepted, the patient is at once removed to the Hospital; in no case should longer than two hours elapse after receiving the intimation of the existence of infectious disease in any house before the patient, if for removal, is in the Hospital, unless the ambulance is in use removing another case, when removal may be delayed considerably. Any delay is to be deprecated in all cases of diphtheria.

In all cases of Typhoid Fever which are not admitted to the Hospital, sanitary pails, of a special character, furnished with air-tight screw lids, are left at the infected houses for the reception of all excreta and other waste products of the sick room. These pails are collected daily, and their contents are dealt with in the destructor at the Hospital.

In every case of Notifiable Disease enquiries are made and recorded as to the number of persons in the house, where they are employed, milk supply, water supply, laundry, conditions of drains, etc., together with the history of the case and the probable cause of infection. Notice is at once sent to any school attended by children from infected houses, and these children are then excluded from school on my certificate, and are not allowed to return until due notice has been given to the school authorities of their freedom from possible infection.

Disinfection of infected rooms is carried out by fumigation with sulphur dioxide or formic aldehyde, and of the bedding and the clothes in the steam disinfector at the disinfecting station at the Isolation Hospital. Disinfectants are supplied free of charge during illness. After the rooms have been disinfected the owners of the premises are required to strip and whitewash the ceilings and walls, under the supervision of the Sanitary Inspectors. This applies to all cases of Infectious Disease, and in the event of cases of Phthisis or Cancer occurring, on request, the rooms, as well as the bedding, clothing, etc., are from time to time disinfected.

During the year 404 houses and 10,451 articles were disinfected.

The Council places at the disposal of all medical practitioners, free of charge, means of having the diagnosis of all cases of infectious or contagious disease confirmed or otherwise by bacteriological examination, and also, at the end of the illness, for determining whether the patient is free from the specific bacterium or not. During the year 1,011 such examinations have been made.

While with regard to Diphtheria it is the custom to consider each case infective until the bacteriological examination shows the throat to be free from the true or pseudo-diphtheritic bacillus.

#### V.—ISOLATION HOSPITAL.

The Isolation Hospital at Beddington Corner was opened at the beginning of March, 1899, and since that date 1,954 patients have been admitted.

Accommodation.—The Isolation Hospital was opened to provide accommodation for 28 patients, namely :—10 beds for Scarlet Fever cases, 10 beds for Diphtheria cases, 4 beds for Typhoid Fever cases, and 4 beds for doubtful cases. However, almost from its earliest days the accommodation proved unequal to the demand. In 1904, a contract was entered into by the Council to considerably extend the accommodation at the Hospital, and in June 1905, an additional Scarlet Fever pavilion was completed, and has practically been full since.

StaffThe Staff consists	of—
1 Matron 1 Assistant Matron 9 Nurses 1 Probationer Nurse 2 Laundresses 2 Engineers	<ul><li>5 Servants</li><li>5 Wardmaids.</li><li>1 Seamstress.</li><li>1 Gardener</li><li>Porter and Portress</li></ul>

During the year 374 patients have been admitted, of which number

228 were	suffering from	Scarlet Fever
125	,,	Diphtheria
11	,,	Typhoid Fever
2	,,	Puerperal Fever
8	ad and dollars	Cerebro-spinal Meningitis
1	· · · · · · · · · · · · · · · · · · ·	Typhus Fever
4	"	Erysipelas

Forty-three patients were admitted by arrangement with other authorities.

Thirty patients died. Nine from Scarlet Fevert fifteen from Diphtheria, two from Typhoid Fever, two from Cerebro-spinal Meningitis, one from Puerperal Fever, and one from Typhus Fever.

The throat and nasal passages of every patient admitted to your hospital were examined, and it was found that out of the 353 cases of Scarlet Fever and Diphtheria admitted, 201 had enlarged tonsils, 57 had adenoid growths, 11 had nasal polypi, 43 had had previous attacks of tonsilitis, 5 Scarlet Fever, and 4 Diphtheria had had a previous attack of the disease for which they were admitted, and 47 cases were found to be suffering from both Scarlet Fever and Diphtheria.

During the year, after admission to the Scarlet Fever wards, it was found that in several cases Whooping cough, measles, chicken pox, and ringworm were coincident complications of the disease.

Every case is regarded as being infectious so long as any congestion of the throat or fauces existed, or where there was any cough or any discharge from either the ears or nose, or when any sore existed, and until these troubles had entirely disappeared no patient is discharged from the Hospital, thus minimising to a large extent the always possible risk of the occurence of "Return Cases."

Very instructive information has been obtained with reference to the prolongation of the infection in cases of Diphtheria. It has been found that where the bacillus of Diphtheria exists for a long time after the recovery of the patient, it has in every case been associated with the existence of docayed teeth, and in many cases where such decayed teeth have been removed, the bacillus of Diphtheria has very rapidly disappeared from the throat. It has also been noted that in practically 95 per cent of the cases of Diphtheria, decayed teeth have been found.

Parish.		Scarlet Fever.		heria.	Typ Fe	hoid ver.		peral ver.	spi	ebro- nal ngitis.	Erysi	pelas.		phus ver.	To	otal.
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Addington Beddington Coulsdon Merton Mitcham Sanderstead Wallington Woodmansterne	$     \begin{array}{r}       19 \\       40 \\       42 \\       62 \\       4 \\       4 \\       4     \end{array} $	··· 1 1 1 3 ··· 1 ···	$     \begin{array}{c}             18 \\             12 \\             17 \\             53 \\             8 \\             1 \\           $	$     \begin{array}{c}             3 \\             2 \\           $	··· 1 2 S ··· ··	··· ·· ·· ·· ··	··· ··· ··· ···	··· ·· ·· ·· ··	··· 1 ··· 2 ··· ··	··· ·· ·· ·· ··	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··		··· ·· ·· ··	·  1  	$2 \\ 38 \\ 53 \\ 62 \\ 130 \\ 12 \\ 6 \\ 26 \\ 2$	$     \begin{array}{c}                                     $
Cases admitted by arrangement —																
Caterham	42	2	1												43	2
Totals	228	9	125	15	11	2	2	1	3	2	4		1	1	374	30

#### VI.-GENERAL.

Water Courses.—The condition of all water courses is under the constant supervision of your officers, and material improvements have been effected and maintained.

House Refuse Collection.—I he collection of house refuse has been largely extended during the year, and except in the very rural portions, no part of the district is now without frequent and adequate collection. Nuisances have from time to time been dealt with with regard to the deposits made in this district of house refuse, which is brought in, both by road and rail, from the Metropolis.

Legal Proceedings.—In the following cases legal proceedings were taken :—

Particulars.	Result.
For depositing house refuse so as to be a nuisance.	Case sub judice.
For depositing house refuse so as to be a nuisance.	Case sub judice.
Summons issued in respect of a nuisance.	Summons withdrawn, nuisance abated.
For depositing house refuse so as to be a nuisance.	Case sub judice.
For being in possession of diseased meat.	Defendant committed to prison for one month.

#### REGULATED TRADES.

(1) DAIRIES, COWSHEDS AND MILKSHOPS.

There were 111 premises registered under the Dairies, Cowsheds and Milkshops Order at the end of the year. This is 4 more than the previous year.

.

During the year a very considerable amount of attention was paid to all dairies, cowsheds, milkshops, and the milk supply generally in the district.

As milk is the staple food for all children and most invalids it is absolutely essential that the milk should be from healthy cows kept in an healthy and natural manner, and that no preservatives whatever should be used.

#### (2) SLAUGHTERHOUSES.

There are 21 slaughterhouses in the district, all of which are regulated by the bye-laws of the Council. They have received very full attention from your officers.

#### (3) BAKEHOUSES.

There are 38 bakehouses in the District. This is 2 more than the previous year.

#### (4) PIGGERIES.

There are 50 piggeries in the district, and as is usual with the hot weather, came several complaints of the piggeries, more particularly in Eastfields, Mitcham. All the piggeries are receiving special attention from your officers.

Parish		Dairies.	Cowsheds.	Milkshops.	Butcher's Shops.	Slaughter- houses.	Piggeries.	Bakehouses.	Total.
Addington Beddington Coulsdon Merton Mitcham Morden Sanderstead Wallington Woodmansterne	··· ·· ·· ·· ··	 $     \begin{array}{c}             1 \\             4 \\           $	$2 \\ 3 \\ 10 \\ 5 \\ 7 \\ 5 \\ 5 \\ 1 \\ \cdots$	$     \begin{array}{c}                                     $	$     \begin{array}{c}             5 \\             7 \\           $	··· 1 6 4 7 ·· 3 ··	··· 2 ··· 4 42 1 ··· 1 ··	 5 4 6 17 1  5 	2 21 35 46 126 7 8 22 
Total	s	 32	38	41	47	21	50	38	267

HOUSING OF THE WORKING CLASSES ACT.

Furing the year 7 houses have been dealt with under the Housing of the Working Classes Act, and in 3 instances the houses were put into a satisfactory condition, in 4 instances the houses were pulled down.

SANITARY SURVEYOR'S DEPARTMENT.

I am indebted to Mr. Chart for the subjoined information :-----

The Sewage Disposal Works have demanded very great attention during the year. The -Council has, on the suggestion of the Surveyor, determined to set aside annually a sum of £750 for further increasing the area of the contact beds.

Extensions of sewers have been made at Sandy Lane and Smithambottom Lane, Beddington, and Riddlesdown Road, Coulsdon.

A scheme has been prepared for the sewerage of the district known as West Barnes, comprising about 280 acres of land, which is incapable of being Sewered by gravitation to the existing low level sewer at Merton a provisional agreement for the acquisition of a site for a pumping station has been entered into and the owners of the estates have agreed to contribute about two-thirds of the cost. The sewage will be lifted from a sump about 30 feet below the surface by duplicate Worthington pumps driven by electric motors.

NEW STREETS AND BUILDINGS.

During the year the Council have had plans deposited for the laying out of 15 new streets, and for the erection of 1,098 buildings in the District. The following New Streets have been made up under the provisions of the Public Health Act, 1875, - and the Private Streets Works Act, 1892 :---

> Beddington--Plough Lane, Woodcote Valley Road. Coulsdon-Fairdene Road, Red Down Road.

> Merton—Grand Drive, Edna Road, Quintin Avenue. Mitcham—Caithness Road.

Sanderstead-Edgar Road, Kendall Avenue.

Wallington—Avenue Road, Grosvenor Gardens, Grosvenor Road, Marchmont Road, Stanley Gardens, Oxford Road.

The Croydon Borough Tramways, which have their southern terminus at Purley, convey large number of holiday seekers to this point, and it has been found necessary to construct a new Sanitary Convenience for both sexes. After much trouble and negociation the Council have acquired a site, and the new Convenience, providing 17 urinals and 2 W.C's. for men and 6 W.C's. for women, with lavatories and caretaker's apartment, will shortly be opened.

#### VII.—INSPECTORS' WORK.

Subjoined appears a summary of the Inspectors work during the past year. It will be seen that no less than 10,469 visits have been paid by them, as against 9,660 in 1906, 8,905 in 1905, 7,904 in 1904, 8,083 in 1903, 9,244 in 1902.

I have again to bear testimony to the extreme care and accuracy, and the unceasing vigilance which each Inspector displays in the carrying out of his arduous and very often extremely unpleasant duties.

### SUMMARY OF INSPECTORS' WORK FOR THE YEAR 1907.

	White	Payne R	spector	S.		
Total number of visits paid	2302	2610	3097	Pointon 2460	Total 10469	
Number of complaints received and		-010	0001	2100	10100	
investigated	77	44	76	_	197	
Number of premises inspected	419	537	768	439	2163	
Number of muinencon discoursed	235	154	897	157	943	
Nuisanan shatal mithaut would	224	84	332			
Nuisances abated without report				130	770	
,, ,, after report	11	60		11	153	
Preliminary notices served	224			118	. 686	
Legal notices served	11	97	25		160	
Notices followed by legal proceedings	1		1	2	4	
CHARACTER OF WORK DONE-						
Houses dealt with under the Housing						
of the Working Classes Act	3	4			7	
Houses cleansed and repaired generally	68	46	59	36	209	
	4			00		
Ventilation of houses improved	-2	10		-	14	
Overcrowding abated		3		1	9	
Defective roofs repaired	18	34	14	16	82	
Houses under-pinned (damp proof						
course inserted; or damp walls						
remedied	6	13	15	-	34	
Eaves guttering renewed or repaired	10	32	28	6	76	
Water-closets renewed or repaired	51	31	67	27	176	
Water-closets provided with water						
for flushing	2	6	82	1	91	
Privies or earth-closets re-constructed,						
improved or abolished		12		1	18	
Privies or earth-closets abolished, and						
water-closets substituted		3	1	1	5	
Houses supplied with water from the						
main		2	_		2	
Water cisterns or tanks cleansed or					-	
covered	8	1	11	8	23	
Yards of houses paved with impervious	0	-	**	0	40	
	29	38	9	3	79	
Paving of yards repaired	18					
	16				66	
Floors of sculleries paved or repaired					48	
Ashpits or dustbins provided	8		89	37	151	
Cesspools abolished and filled up	1		-	-	6	
Cesspools cleansed	24		1	1	48	
Houses at which drains were tested	70	76	100	72	318	
Houses at which drains were found						
defective	43	42	62	47	194	
Houses at which drains were re-con-						
structed or new provided	15	15	41	19	90	
Houses at which drains were cleansed,						
ventilated, trapped or repaired	57	55	159	12	283	

Number of drain tests made in course	White	Payne	Inspector Rabbett	rs. s Pointon	Tota
of work done under the two					
previous headings	80	58	109	60	307
Houses at which inspection chambers					=0
in drains were provided	10	14	36	16	76
Stables provided with drainage Premises at which animals im-	-	2	8	1	6
properly kept were removed	_	16	5		21
Number of inspections of food exposed					
for sale	253	119	122	113	607
Urinals cleansed and repaired	-	8	11	2	16
Smoke nuisances abated	1	1	2	1	5
Offensive accumulations removed	4	20	37	6	67
Piggeries repaired and improved	1	1	14	4	20
Infective houses disinfected and					
cleansed	84	98	109	113	404
Visits to infective houses	217	441	209	210	1077
Number of dairies and milkshops	15	27	89	30	111
Visits to ditto	133	174	101	96	504
Number of complaints as to un-					
cleanliness and neglect of regu-					
lations		10	10	2	22
Number of slaughterhouses	4	6	5	5	20
Number of visits to same	76	137	135	95	443
Number of complaints as to un-					
cleanliness		4	18	-	22
Number of drains opened up for					
examination (Section 41, P.H.A.)	6	6	23	29	64
Unsound meat destroyed	_	-	23701	bs.	2870
•					

#### ARTICLES DISINFECTED.

Janua	ry	 876	July	 1080
Februa	ary	 711	August	 674
March		 610	September	 629
April		 839	October	 956
May		 651	November	 1619
June		 469	December	 1337

10,451

	ated to year.	BIR	THS.	DEATHS ONE OF		DEATHS Ages.	AT ALL TOTAL.	CIONS.	m-residents Public Insti- be District.	Residents Public Insti- d the District.	DEATHS Ages.	AT ALL NETT.
Year.	Population estimated middle of each year.	Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*	DEATHS IN PUBLIC INSTITUTIONS.	Deaths of Non-residents registered in Public Insti- tutions in the District.	Deaths of Resid registered in Publi tutions beyond the	Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1897 1898 1899 1900 1901 1902 1903 1094 1905 1906	$\begin{array}{c} 30896\\ 31681\\ 32515\\ 33304\\ 34180\\ 37500\\ 41120\\ 47030\\ 54763\\ 59800\\ \end{array}$	821 790 823 862 961 976 1161 1284 1408 1600	$\begin{array}{c} 26 \cdot 5 \\ 24 \cdot 9 \\ 25 \cdot 4 \\ 25 \cdot 8 \\ 28 \cdot 1 \\ 26 \cdot 0 \\ 28 \cdot 2 \\ 27 \cdot 3 \\ 25 \cdot 7 \\ 26 \cdot 7 \end{array}$	80 119 129 102 105 106 109 158 138 199	$     \begin{array}{r} 137 \\         97 \\         148 \\         156 \\         118 \\         109 \\         108 \\         94 \\         123 \\         124 \\         124         $	$557 \\ 544 \\ 571 \\ 622 \\ 603 \\ 551 \\ 585 \\ 585 \\ 654 \\ 781$	$18.5 \\ 17.6 \\ 18.0 \\ 19.1 \\ 18.1 \\ 16.1 \\ 15.6 \\ 13.0 \\ 13.9 \\ 13.0 \\ $	209 228 205 227 249 200 219 203 210 204	209 228 205 227 249 200 219 203 210 204	38 31 32 49 48 67 58 49 77 102	386 347 398 444 402 418 424 431 521 679	$\begin{array}{c} 12 \cdot 8 \\ 11 \cdot 2 \\ 12 \cdot 5 \\ 13 \cdot 6 \\ 12 \cdot 0 \\ 12 \cdot 2 \\ 11 \cdot 3 \\ 10 \cdot 4 \\ 11 \cdot 0 \\ 11 \cdot 3 \end{array}$
Averages for Years, 1897—1906	40278-9	1068-6	26.4	124.5	117.5	611.1	15.5	212.3	212.3	60 5	459.3	11.5
1907	66300	1635	24.6	170	103	775	11.6	239	239	113	649	9.7

#### TABLE I.-Vital Statistics of Whole District during 1907 and Previous Years.

30

Note.—The deaths included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10, and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in Public Institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in Public Institutions elsewhere.

The "Public institutions " to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Total population at all ages		38071	) IS
Number of inhabited houses		7027	At insus 1901.
Average number of persons per ho	ouse	4.8	of Ce

Area of District in acres (exclusive ) 22766

Institutions within the District receiving sick and infirm persons from outside the District -

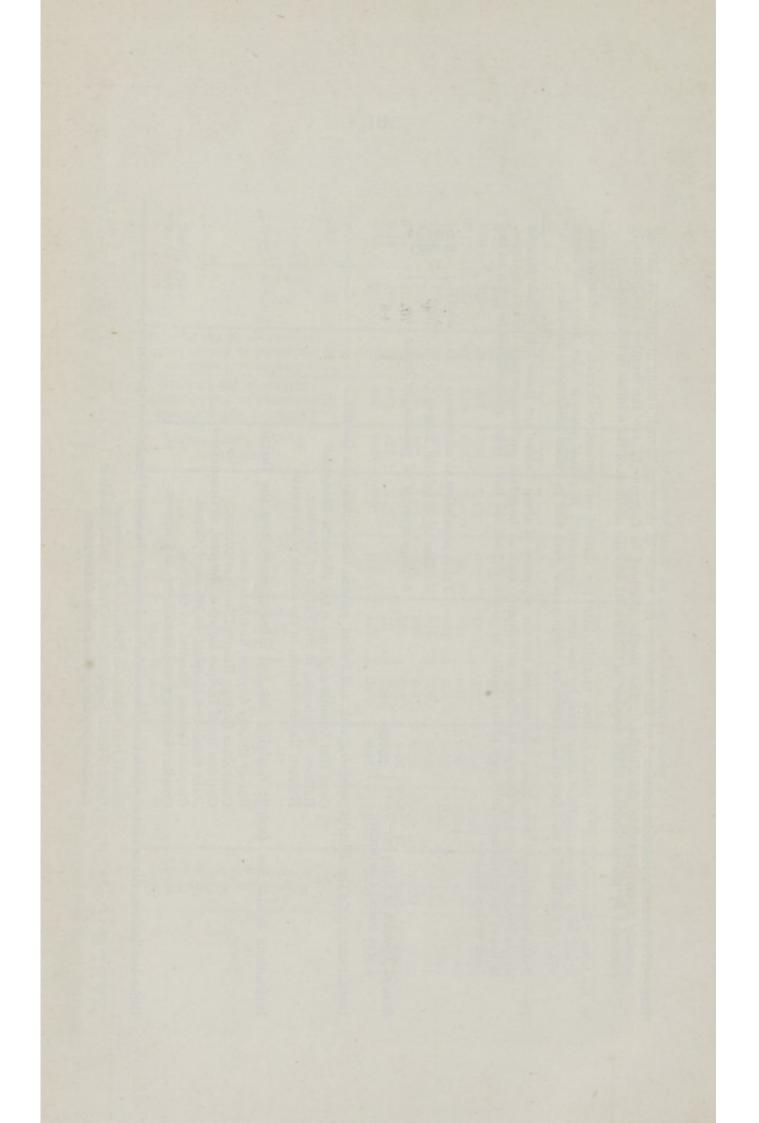
Cane Hill Lunatic Asylum, in the Parish of COULSDON. Holborn Workhouse, in the Parish of MITCHAM. Holborn Union Schools, in the Parish of MITCHAM.

Institutions outside the District receiving sick and infirm persons from the District-

Surrey County Asylum, at BROOKWOOD. Carshalton Cottage Hospital, at CARSHALTON. Croydon Rural District Isolation Hospital, at CARSHALTON. Joint Small Pox Hospital, in Parish of CHEAM. Croydon General Hospital, at CROYDON. Croydon Infirmary and Workhouse, at CROYDON.

Other Institutions, the deaths in which have been distributed among the several localities in the District.

Russell Hill School, in Parish of BEDDINGTON. Royal Female Orphanage, in Parish of BEDDINGTON. Reedham Orphanage, in Parish of COULSPON.



32 TABLE II.-Vital Statistics of separate Localities in 1907 and previous years

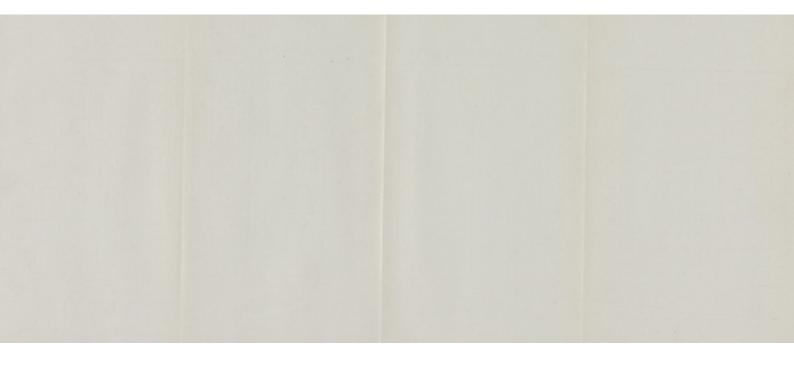
NAMES OF LOCALITY	WH	OLE D	ISTRIC	DT.		Appess 2	тон.			Dapors 3	6TON.			Cottas	b631.			Menz 5	юя.			Mrrca 6	LAM.			Meaz 7	es.		ŝ	LAND BER	TEAD.			WALLES	otos.		W	000 MAN		
Year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Propulation estimated to middle of each year.	Birtha 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.	Fopulation estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Fopulation estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Bitths 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.	Deadla under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Pepelation estimated to middle of each year.	Births registered.	Doubs at all ages.	Deaths under 1 year.
1897 1898 1899 1900 1901 1902 1903 1904 1905 1906	4. 30896 31681 32515 33304 34180 37500 41120 47030 54763 59800	δ. 821 799 823 862 961 976 1161 1284 1408 1600	c. 347 398 444 402 418 424 431 521 529 679	4. 79 118 129 102 105 105 106 109 158 128 199	<ul> <li>6.</li> <li>670</li> <li>672</li> <li>675</li> <li>653</li> <li>642</li> <li>620</li> <li>620</li> <li>620</li> <li>700</li> <li>670</li> <li>605</li> </ul>	8. 14 13 14 11 14 10 7 13 11 11	e. 7819999912511114	d. 112211 15122 10	4, 3360 3469 3608 37322 8846 4050 4750 5769 7060	8. 57 53 69 69 85 84 101 144 123 157	e. 31 39 39 31 29 30 34 45 39 48	d. 84 11 49 9 6 15 911	a. 3747 3831 3885 3960 4042 4600 5150 6450 7137 7860	b. 109 93 94 92 90 108 122 149 150 183	6. 52 47 29 50 40 31 40 41 39 78	4. 61091679984	#. 4039 4123 4290 4398 4510 5350 6000 7450 9150 9290	8. 103 94 109 116 164 168 221 219 258 290	e. 38 64 50 48 62 71 75 80 117	4. 9 20 12 14 18 23 20 21 22 22	4. 12343 19538 12892 13155 13493 14500 15500 17000 20617 22550	b. 389 388 409 428 429 428 427 542 642 721	¢. 155 192 216 185 200 202 195 247 270 310	d. 309 677 78 54 56 57 85 78 95 78 118	#. 876 898 921 943 960 1000 1000 1018 1100 1025	4. 111141161588888	4. 89514 13913 159	n son son son h	4. 787 845 936 1001 1050 1260 1550 1660 2040	δ. 13 15 11 19 22 15 26 28 35	c. 3 8 8 8 4 7 8 16 8 11	4. 01101010000	4. 4001 4727 4860 5002 5152 5720 6375 7935 8340	<ul> <li>a.</li> <li>93</li> <li>103</li> <li>103</li> <li>113</li> <li>126</li> <li>120</li> <li>152</li> <li>142</li> <li>155</li> <li>155</li> </ul>	e. 25343 7022 544 577 58 74 62 96	d. 13 10 13 10 10 4 8 15 19	4, 473 488 502 515 534 610 612 735 735 770 950	8. 16 10 18 20 25 16 10 23 21 29	4. 1-22.20 (1-25.20 (0-45.40 (0	4 1126121004
verages ( years, 1897 1906	40278-9	1068-6	459-3	124-3	662-7	11:8	9-5	1.3	4492-4	94-2	35-0	8-6	5065-2	119-0	42.7	9-0	\$865-0	173-2	67-5	19-1	15458-8	480-6	217-2	69-9	977-6	23-6	10-2	2.6	1202-1	21.2	8.1	1-3	5954-2	126-2	59-8	11-5	618-9	19-8	6-2	3-0
1907	66300	1635	649	170	690	7	7	1	7100	162	55	5	8500	163	69	22	11300	332	120	30	25800	116	286	92	1100	24	12	0	2350	43	16	3	8400	138	76	10	1060	64	8	1

d be areas of which the populations are obtained from the sensus returns, each as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, is used for the whole district: and block 2, 3, &c., for the several distribution of known populations like Table sets on be filled up. where the product of the sense of the sense of the sense of the several distribution of the sense of the set of the several distribution of the sense of the set of the several distribution in the district excluded. (See note on Table 1 as to meaning of terms "resident" and "non-resident,") are served as wards, parishes and the district excluded. (See note on Table 1 as to meaning of terms "resident" and "non-resident,") are served as the district, are to be alloted to the respective localities according to the addresses of the adverses. a versal of the served as the district, are to be alloted to the corresponding table 1 and 1V; thus the total of column 5 in Table 1V. 
 Norm.-(a) The separate localities adopted for this table identifies. In small districts without reception (b) Death of residents occurring in public institutions.

 (b) Death of residents occurring in public institutions.

 (c) Death of residents occurring in public institutions.

 (d) Care should be taken that the gross total of the Table I. the gross total of the sub-columns e



	Cas	ses N	otifie	d in	whole	e Dis	trict.	1	Cotal	Case	s Not	tified	in ea	ch L	ocali	ty.		No.			Remo each I			spita	1	
	-	1	At	Ages	-Ye	ars.		1	2	3	4	5	6	7	8	16 6	1	2	3	4	5	6	7	8	9	-
Notifiable Diseases.	At all Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	Addington.	Beddington.	Coulsdon.	Merton.	Mitcham.	Morden.	Sanderstead.	Wallington.	Woodmanst'rne	Addington.	Beddington.	Coulsdon.	Merton.	Mitcham.	Morden.	Sanderstead.	Wallington.	Woodmanst'rne	Totals.
Small Pox Cholera Diphtheria (including Membranous Croup).	 190	··· 2	  39	  114	 15	 20			··· 35	 16	 28	  75		··· 2	 26			 18	 12	  17	 53	··· 8	  1	 15		 124
Erysipelas		31	 56  1	8 230  2		31 13 1 6	9	··· 2 	4 26 	$     \begin{array}{c}       11 \\       124 \\                                    $	$     \begin{array}{c}       11 \\       50 \\       1 \\       2     \end{array} $	25 76  10	1 4 	2 12 	1 21 	1 2 	··· 2 ···	 19 	40  1	$     \begin{array}{c}                                     $	3 62  8	··· 4 ···	1 4 	ii 	··· 2 ···	4 186 1 11
Relapsing Fever Continued Fever Cuerperal Fever Cerebro-spinal	$\frac{\cdot \cdot}{5}_{6}$	··· ·· 1	··· ·· ·· 1	··· ·· 3	··· 2 1	··· 3		•••	··· ··· 1	··· 1	··· 2 1	··· 2 4				•••	··· ···	  i	•••	··· ··· ···	··· 2 2					··· 2
Meningitis onthrax Jeasles	1 326	 10		 159	 20	 16		ï	 79	 21	 48	147	 4	$^{\circ}1$ 2	 24				 		 			 		
Totals	917	17	218	516	67	90	9	3	146	175	143	339	17	19	7,2	3	2	38	53	62	130	12	6	26	2	331

#### TABLE III.- Cases of Infectious Disease notified during the year 1907.

The Isolation Hospital is situated at Beddington Corner, Mitcham Junction, but is within the Carshalton Urban District. The Small Pox Hospital is situated at Cheam, and is the Joint Hospital for Croydon Borough, Wimbledon, Penge, and the Croydon ural Councils.

1		"Re	eaths sidents be	s'' wh	e subjecter the D	occui	rring i	n or	Dea to L	ths at ocalit	all a ies, w	hether	all " occur Distric	ritte in	ents" a or 1	belon beyond	ging the	whet Resid non" Re	Deaths her of ents or esidents'
Causes of Death.		All ages. 13	Under 1. cc	1 and under 5. A	5 and under 15. c	15 & under 25. 0	25 & under 65. ~	65 å upwards. ∞	Addington. 0	Beddington. 1	Coulsdon.	Merton. 1	Mitcham. Et	Morden.	Sanderstead. 5	Wallington. 1	Woodmanst'rne 1	Instit	Holborn Union Workoouse
Measles		$\begin{array}{c} 3\\ 7\\ 17\\ 24\\ 1\\ 3\\ 24\\ 21\\ 32\\ 1\\ 7\\ 51\\ 20\\ 36\\ 25\\ 2\\ 26\\ 25\\ 6\\ 99\\ 19\\ 5\\ 17\\ 3\\ 1\\ 87\\ \end{array}$	$\begin{array}{c} 1 \\ & \ddots \\ & \ddots \\ & 2 \\ 18 \\ 22 \\ & \ddots \\ 2 \\ 1 \\ 6 \\ & \ddots \\ 1 \\ 13 \\ 15 \\ & \ddots \\ 1 \\ & 2 \\ 266 \\ 244 \\ 2 \\ 2 \\ 3 \\ 1 \\ 1 \\ & \ddots \\ 19 \end{array}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c} \ddots & 4 \\ & & 10 \\ & & & 1 \\ 1 \\ 1 \\ 2 \\ & & \ddots \\ 1 \\ 1 \\ 3 \\ & & \ddots \\ 1 \\ & & \ddots \\ 1 \\ & & \ddots \\ 4 \\ 3 \\ & & \ddots \\ 1 \\ & & \ddots \\ 4 \\ \end{array}$	$\begin{array}{c} \ddots \\ \ddots \\ 1 \\ \ddots \\ 1 \\ 1 \\ 7 \\ 1 \\ \cdots \\ 2 \\ \cdots \\ 3 \\ \cdots \\ 3 \\ \cdots \\ 1 \\ 3 \\ \cdots \\ \end{array}$	$\begin{array}{c} \ddots \\ \ddots \\ 3 \\ 1 \\ 1 \\ 5 \\ \cdot \\ 2 \\ \cdot \\ 3 \\ 8 \\ 4 \\ 2 \\ 3 \\ 1 \\ 1 \\ 5 \\ 4 \\ 2 \\ 3 \\ 1 \\ 1 \\ 1 \\ 5 \\ 4 \\ \cdot \\ 1 \\ 3 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$\begin{array}{c} & \ddots & \ddots & \ddots \\ & \ddots & \ddots & 5 \\ & \ddots & 5 \\ & \ddots & 1 \\ & \ddots & 2 \\ & 8 \\ & 3 \\ & \ddots \\ & 12 \\ & 28 \\ & 3 \\ & \ddots \\ & 11 \\ & 11 \\ & 1 \\ & 1 \\ & 1 \\ & \ddots \\ & 222 \\ & 4 \\ & \ddots \\ & 3 \\ & \ddots \\ & 40 \end{array}$	······································	······································	$\begin{array}{c} & \ddots & 1 \\ & 4 \\ & 2 \\ & \ddots & 1 \\ & 4 \\ & 2 \\ & 10 \\ & 2 \\ & 4 \\ & 8 \\ & \ddots & 1 \\ & 1 \\ & 3 \\ & 2 \\ & 3 \\ & 2 \\ & 2 \\ & 2 \\ & \ddots \\ & 1 \\ & 1 \\ & 9 \end{array}$	$\begin{array}{c} 1\\ 1\\ 3\\ 5\\ 1\\ 1\\ 2\\ 2\\ 7\\1\\ 6\\ 12\\ 4\\ 6\\ 12\\ 4\\ 6\\ 1\\2\\ 2\\ 5\\ 4\\ 11\\ 5\\ 6\\ 1\\ 5\\ 1\\1\\ 11\end{array}$	$\begin{array}{c} 2 \\ 3 \\ 4 \\ 8 \\ \ddots \\ 1 \\ 6 \\ 18 \\ 18 \\ 12 \\ 6 \\ 19 \\ 8 \\ 6 \\ 19 \\ 22 \\ \ddots \\ 4 \\ 2 \\ 2 \\ 12 \\ 15 \\ 37 \\ 13 \\ 5 \\ 2 \\ 6 \\ \ddots \\ 37 \\ \end{array}$	······································	$\begin{array}{c} \ddots \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ \ddots \\ 1 \\ 2 \\ 2 \\ \vdots \\ 2 \\ 1 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 2 \\ 2$	· : : 3 2 : : 4 : 1 : : 4 3 3 5 3 4 : 2 : : 3 3 5 9 4 : 2 : : 16	······································	$\begin{array}{c} \ddots \\ 18 \\ 18 \\ 1$	··· ··· ··· ··· ··· ··· ··· ··· ··· ··
All causes	*	649	170	70	37	20	203		7	55	65	120	286	12	16	76	8	166	73

## TABLE IV.-Causes of, and ages at, Death during 1907.

- Norge.-(a) In this Table all deaths of "Residents" occurring in public institutions, whether within or without the district, are to be included with the other deaths in the columns for the several age groups (columns 2-8). They are also, in columns 9-15, to be included among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-Residents" occurring in public institutions in the district are in like manner to be excluded from columns 2-8 and 9-15 of this Table.
  - (b) See notes on Table I. as to the meaning of "Residents" and "Non-residents," and as to the "Public Institutions" to be taken into account for the purposes of these Tables. The "Localities" should be the same as those in Tables II. and III.
  - (c) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-residents," are, in addition to being dealt with as in note (a), to be entered in the last column of this Table. The total number in this column should equal the figures for the year in column 9, Table I.
  - (d) The total deaths in the several "Localities" in columns 9-15 of this Table should equal those for the year in the same localities in Table II., sub-columns c. The total deaths at all ages in column 2 of this Table should equal the gross total of columns 9-15, and the figures for the year in column 12 of Table I.
  - (e) Under heading of "Diarrhœa" are to be included deaths certified as from diarrhœa, alone or in combination with some other cause of ill-defined nature; and also deaths certified as from

Epidemic enteritis; Zymotic enteritis; Epidemic diarrhœa. Summer diarrhœa; Dysentery and dysenteric diarrhœa; Choleraic diarrhœa, cholera, cholera nostras (in the absence of Asiatic cholera).

Under the heading of "Enteritis" are to be included those certified as from Gastro-enteritis, Muco-enteritis, Gastric catarrh, unless from information obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term "Diarrhœa."

Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.

### TABLE V.-Infantile Mortality during the Year 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF	DEAT	Ч.			Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 months.	7-8 Months.	8-9 Months.	-101	-11	11-12 Months.	Totals Deaths under One Year.
ALL CAUSES- Certified																				Γ	
Uncertified						1.00	1201														
Common Infectious Dise	-Res			-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	
Small Pox																					
Chicken Pox																					
Measles																	1				1
Scarlet Fever																					
Diphtheria : Croup										1											
Whooping Cough								2	2			1	1	• •		• •	3	2		1	10
Enteritis, Muco-enterit Gastritis, Gastro-intes	is, Gas	tro-en					1		2	1	 4 	4	2	3	1		2			1	15 21 1
Wasting Diseases-																					
Premature Birth					15					2	3					• •					26
Congenital Defects						1		1			1										11
			••		2											• •					2
Want of Breast-milk,											• •			• •	• •					1	2
Atrophy, Debility, Mar	asmus		••	• •	4	• •	1	1	6	0-	4	• •	1	1	2	• •	1	2	1	•••	20
Tuberculous Diseases— Tuberculous Meningiti Tuberculous Peritoniti Other Tuberculous Dis	s: Tab		enteric	a																	2  1
Empireles										1			1								2
Erysipelas		•••	•••	0.104	10.00		1000	•••	12570.00												2
Syphilis Rickets		••	••	•••			* *	•••	•••	1 -	••	A	• •	• •	* *	••	••	• •	* -	••	-
Meningitis (not Tubercul	(2110)			•••			* *					• •		• •	•••	1	•••	* *	•••	1	2
A 1.	ousj	••	••					1	4		•••										7
Bronchitis		•••	••						3	1	2										13
Laryngitis	••				-	-				1	1		-	-			••	~	*	•••	10
75	•••					.)			2	3				9	•••		1		2	1	15
Suffocation, overlying					•••	-			- 200 B	0	-	•••	1		••		-	0		-	10
Other Causes	::				6		1	1			1	1			1	1		ï	1	1	15
				-	35	6			59	12	17	16	11	10	5		10	14	5	-6	170

Births in the year-

Deaths in the year of-

Legitimate 1596. Illegitimate 39. Legitimate infants 143. Illegitimate infants 27.

Deaths from all Causes at all Ages, 649.

Population-Estimated to middle of 1907, 66,300.

Table VI.—The Area in Acres, Inhabited Houses, Population, and Density of each Parish in the District in 1891 and 1907.

		Area	Inhabited	Houses.			Popul	ation.				sity.		sons	
Parish.		in				1891.			1907.		Persons	per acre.	per h	ouse.	
		Acres.	1891.	1907.	Persons.	Males.	Females.	Persons.	Males.	Females.	1891.	1907.	1891.	1907.	
Addington Beddington Coulsdon Merton Mitcham Sanderstead Wallington Woodmansterne	··· ·· ·· ··	 3605 3128 4314 1765 2915 1475 3150 823 1591	$132 \\ 442 \\ 537 \\ 654 \\ 2055 \\ 138 \\ 96 \\ 710 \\ 81$	$\begin{array}{r} 139\\ 1480\\ 1643\\ 2464\\ 4874\\ 224\\ 492\\ 1564\\ 206\end{array}$	$\begin{array}{r} 670\\ 2607\\ 3335\\ 3360\\ 10758\\ 763\\ 509\\ 3823\\ 408 \end{array}$	$\begin{array}{r} 346\\ 1162\\ 1623\\ 1612\\ 5300\\ 387\\ 262\\ 1587\\ 204 \end{array}$	$\begin{array}{r} 324\\ 1445\\ 1712\\ 1748\\ 5458\\ 376\\ 247\\ 2236\\ 204\\ \end{array}$	690 7100 8500 11300 25800 1100 2350 8400 1060	$\begin{array}{r} 355\\ 3450\\ 4200\\ 5600\\ 12500\\ 525\\ 1150\\ 4150\\ 515\end{array}$	$\begin{array}{r} 335\\ 3650\\ 4300\\ 5700\\ 13300\\ 575\\ 1200\\ 4250\\ 545\end{array}$	$   \begin{array}{r} \cdot 18 \\       \cdot 8 \\       \cdot 7 \\       1 \cdot 9 \\       3 \cdot 6 \\       \cdot 5 \\       \cdot 1 \\       4 \cdot 6 \\       \cdot 25 \\   \end{array} $	$\begin{array}{r} \cdot 18 \\ 2 \cdot 2 \\ 1 \cdot 9 \\ 6 \cdot 4 \\ 8 \cdot 8 \\ \cdot 7 \\ \cdot 7 \\ 10 \cdot 2 \\ \cdot 6 \end{array}$	5.0 5.9 6.2 5.1 5.2 5.5 5.5 5.3 5.4 5.0	$ \begin{array}{r} 4.9\\ 4.7\\ 5.1\\ 4.5\\ 5.2\\ 4.9\\ 4.7\\ 5.3\\ 5.1 \end{array} $	10
		 22766	4845	13086	26233	12483	13750	66300	32145	33855	1.1	2.8	5.4	5.0	-

In no instance are Institutions considered in this calculation.

	Area	Inhabited	Houses			Popul	lation.				y of per-		number ons per
Parish.	in Acres.				1891.			1907.		sons p	er acre.		ise.
	Acres.	1891.	1907.	Persons.	Males.	Females.	Persons.	Males.	Females.	1891.	1907.	1891.	1907.
(Beddington Royal Female Orphanage Russell Hill School	3128 	442  	1480 	2607 	1162 	1445  	7100 150 361	$\begin{array}{r} 3450\\\\210\end{array}$	3650 150 151	•8	2.2	5.9	4.7
							7611	3660	3951				
Coulsdon Cane Hill Asylum Reedham Orphanage	4314	537 	1643  	3335  	1623 	1712  	$8500 \\ 2418 \\ 322$	$4200 \\ 1010 \\ 195$	4300 1408 127	•7	1.9	6.2	5.1
							11240	5405	5835				
∫Mitcham	2915 	2055	4874  	10785	5300 	5458 	25800 962 379	$12500 \\ 617 \\ 205$	13300 345 174	3.6	8.8	5•2	5.3
				1000		TROT	27141	13322	13819				

TABLE VII.-Showing Parishes with Institutions.

## TABLE VIII.—Showing the Annual Birth and Death Rates, and Death Rates of Infants for the Year 1907 and 10 preceding years.

In the Year.	Birth Rate per 1,000 of Population.	Corrected Death Rate per 1,000 of Population.	Children under 1 year per 1,000 of Registered Births.
1907	24.6	9.7	103
1906	26.7	11.3	124 .
1905	25.7	9.6.	98
1904	27.3	11.0	123
1903	28.2	10.4	94
1902	26.0	11.3	108
1901	28.1	12 2	109
1900	25.8	12.0	118
1899	25.4	13.6	156
1898	24.9	12.5	148
1897	26.5	11-2	97
Average of 10 Years, 1897—1906.	26.4	11.5	117.5

# TABLE IX.—Showing the Population, Births, and Deaths for the Year 1907, and 10 years preceding.

GROSS NUMBERS.

	Patinatal	red s.	Correct	ted No. of	Deaths.	in ons.
Year.	Estimated Population.	Registered Births.	Total.	Under 1 year.	Under 5 years.	Deaths in Institutions
1907	66300	1635	649	170	70	239
1906	59800	1600 .	679	199	88	204
1905	54763	1408	529	138	41	178
1904	47030	1284	521	158	42	210
1903	41120	1161	431	109	29	203
1902	37500	976	424	106	145	219
1901	34180	961	418	105	154	200
1900	33304	862	402	102	139	249
1899	32515	823	444	129	163	227
1898	31681	790	398	118	166	205
1897	30896	821	347	79	121	228
Average of 10 years, 1897- 1906	40278-9	1068.6	459-3	124.5	108.8	212.3

TABLE XI.-Ascertained Cases of Infectious Disease since the adoption of the Notification Act.

		1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	190'
Small-pox			7	1	2			3		*			29	9	5	1	1	
Scarlatina Diphtheria	· · ·	85 17	117     16	$316 \\ 44$	63	$\frac{51}{26}$	65 45	262 35	$144 \\ 107$	84 38	$\frac{115}{62}$	81 87	161 77	131 48	125     169	181 134	189   161	$317 \\ 190$
Membranous Crou Typhoid Fever Continued Fever		 9	.: 12	24	1     12	18	1 14	 13	 15	 19	.: 15	.: 13	 14	 11	9	 18	33	15
Puerperal Fever Anthrax	•••	1	 1	1 4	6	1	2	$\frac{\cdot \cdot}{2}$	2	•••	··· 4	ï	··· 5	5		2	3	5
**Cerebro-spinal Meningitus	•••		••						•••									
Cholera Erysipelas		  13		1 31	 18			··· 26	··· 23	29		20	··· 35	23	27			6  56
Measles Acute Diarrhœa	•••	237	579	138	458	29	1083	172	1023	251	420	862	636	280	1085	679	954	326
*Chicken Pox Typhus Fever	•••												162	188				
	_									-								
Totals	•••	362	754	560	664	144	1243	513	1314	421	650	1064	1119	695	1428	1076	1393	917

Chicken Pox was a notifiable disease until July 31st, 1903.
\*\* Cerebro-spinal Meningitis was made a notifiable disease on the 22nd April, 1907.

TABLE	XIICases	of	Typhoid	Fever	(including
Cor	ntinued Fever	) in	each Pari	sh since	Notifica-
tion	was adopted	1.			

	Addington	Beddington	Coulsdon	Merton	Mitcham	Morden	Sanderstead	Wallington	Woodmansterne	Institutions	The District
19. Faith 5.05			+	:	:	*	+	*	*		
			-			-	-				
1890		6			3 2 4			4		1	14
1891		2 2 2 2	2	1	2		1	1		• •	9
1892		2	• •	$\frac{2}{4}$		• :		3	••	1	12
1893		2	4	4	12	1		1	• •	1	25
1894	••	•:	4	2	2		••	4	••	3	$     12 \\     19   $
1895		1	1	4	0	1	1	3 2	••		16
1896		1 1 1	2	4 1 1	$     \begin{array}{c}       12 \\       2 \\       6 \\       9 \\       6     \end{array} $			3	••		13
1897	· 1			2	11		••		•••	••	15
1898		i	0	4	A	ï	2	ï	4		19
1899 1900		1	0	3	3			3	3		15
1901		1	3	4	4 3 3 3 4 5		2	1			13
1902	i	2	1	2	3	1	22	2			14
1903			5	2	4						14 11
1904		1			5		i	2			9
1905	1		1	8	8						18
1906			1 1	5	20		1	3	1		33
1907		2 1	2	2	10						15
	8	23	33	47	115	4	10	33	8	6	282

Water supplied by Sutton Water Company.

Water supplied by Sutton Water Company.

Water supplied by the Croydon Corporation.

# INFECTIOUS DISEASE during 1907.

Showing Disease; also place and month of incidence.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Grand Totals.
Addington		1	1	1		1	1	1	1	1	1		1
Beddington												1	1
(Coulsdon						1				1			2
Cane Hill Asyl'm													
Merton								2					2
(Mitcham				1	1	1	1	2	1	1	2		10
Holborn Schools and Workhouse													
Morden													
Sanderstead													
Wallington													
Woodmansterne													
Totals				1	1	2	1	4	1	2	2	1	15

## TYPHOID FEVER.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Grand Totals.
Addington													1
Beddington													
(Coulsdon				1									1
CaneHill Asyl'm													
Merton						2							22
(Mitcham			1								1		2
Holborn Schools and Workhouse						•••		••					
Morden													
Sanderstead													
Wallington													
Woodmansterne	•••	•••										•••	
Totals			1	1		2					1		5

# PUERPERAL FEVER.

MEASLES.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Grand Totals.
Addington		1											11
Beddington	1	16	22	9	11	12	7			1			79
(Coulsdon			7	6	5	1	1		1				-21
CaneHill Asyl'm													
Merton	1	1		3	1	8	11	13	2	2	4	2	48
(Mitcham	1	1	7	5	19	9	24	16	6	10	8	5	111
Holborn Schools and Workhouse				•••	1	29	6		•••	•••	•••		36
Morden					3			1					4
Sanderstead			1				1						2
Wallington	4	1		1	2		2	5	9				24
Woodmansterne	•••					••			••				
Totals	7	20	37	24	42	59	52	35	18	13	12	7	326

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Grand Totals.
Addington										1			1
Beddington	1				1	1	1						4
Coulsdon	1	1	2		2	1	2					2	11
CaneHill Asyl'm													
Merton	3	1			1		1	2		2	1		11
(Mitcham	3	2	2	2		2	3	1		5		1	21
Holborn Schools				1									
and Workhouse							1			1	1	1	4
Mørden											1		1
Sanderstead		1						1					2
Wallington		1											1
Woodmansterne	1												1
Totals	9	6	4	2	4	4	8	4		8	3	4	56

# ERYSIPELAS.

## SCARLET FEVER.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Decembor	Grand Totals
Addington			1				1		1 1		1 1	1	12
Beddington	1	1	7	3	1		1	2	2		6	2	26
(Coulsdon	2	2	3	11	6	1	7	40	31	10	10	1	124
CaneHill Asyl'm													
Merton	6	8		6	1		3	8	4	10	8	1	50
(Mitcham	3	6	6	5	7	3	4	3	4	8	7	11	67
Holborn Schools				2				1		1	2	3	9
and Workhouse													
Morden	3									1			4
Sanderstead			3	1	3	2						3	12
Wallington	1	4			1	5		1	3	1	4	1	21
Woodmansterne	1										1		2
Totals	17	21	19	28	19	11	15	55	45	31	34	22	317

.

## DIPHTHERIA.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Grand Totals.
Addington				1			1				1		1
Beddington		2	1	1			2	1	1	7	10	10	35
(Coulsdon			1	1				2	2	1	6	3	16
CaneHill Asyl'm													
Merton	3	2	1			2	2	1	1	4	4	8	28
(Mitcham	13	10	7	4	- 8	5		3	4	2	14	5	75
Holborn Schools and Workhouse										•••		••	
Morden	1	1	2	1		1	1	1		1			8
Sanderstead	1											1	2
Wallington	1				1		1	1	1	9	10	2	26
Woodmansterne													
Totals	19	15	12	7	9	8	6	9	9	23	44	29	190

# TYPHUS FEVER.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.	Grand Totals.
Addington			1		1								1
Beddington													
(Coulsdon			1										
Cane Hill Asyl'm		1											
Merton		1					1						1
(Mitcham													1
Holborn Schools													
i and Workhouse													
Morden													
Sanderstead		1											
Wallington													
Woodmansterne													
Totals							1	1					1

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Grand Totals.
Addington					1	1			1		1	1	1
Beddington							1						1
(Coulsdon													
CaneHill Asyl'm													1 .:
Merton			1										1
(Mitcham				1			1					1	3
Holborn Schools						1							1
and Workhouse		1	1										
Morden													
Sanderstead													
Wallington													
Woodmansterne													
Totals			1	1		1	2					1	6

# CEREBRO-SPINAL MENINGITIS.

ANTHRAX.

Prrishes.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Grand Totals.
Addington				1									1
Beddington						2.							
(Coulsdon													
CaneHill Asyl'm													
Merton													
(Mitcham													
Holborn Schools													
and Workholse													
Morden													
Sanderstead				1									1
Wallington													
Woodmansterne							••					•••	
Totals				1									1

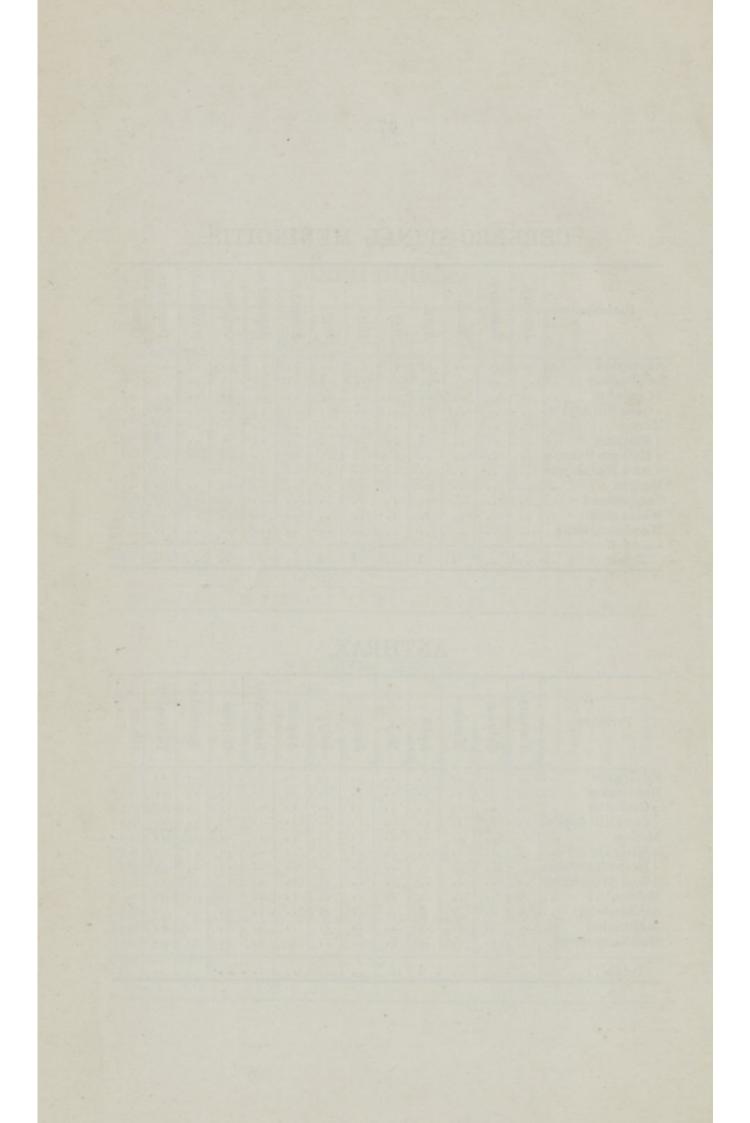


TABLE XIII .- Deaths from Infantile Summer Diarrhoa, showing place of incidence and condition of domestic surroundings.

Address.	Am	Sex.	L. or Ill.	Number in family and how many have died of similar	How fed : Cow, Breast or Tin Milk. Note conditions and cleanliness of Cooking		Condition of		Notes.
Address.	Age.	BCI.	L. or m.	eomplaints.	Utensils.	Interior of house.	Back and front yards.	W.C's.	1104005
ower Road, Kenley	11 weeks	М.	Leg.	One other child in family	By breast for first 6 weeks, then cows milk,	House clean	Yards are both paved	W.C is in good order	
Brighton Road, Purley	16 days	м.	Leg.	No other children	Utensils good and clean Fed on cows milk. Utensils good and clean	New house, good and	Both yards paved and	and is clean W.C's. in good order	
toke Avenue, Kenley	6 months	М.	Leg.	No other children	Peptonised milk and Benger's food since birth.	clean House is clean	Front yard gravelled,	W.C. in good condition	
lingston Road, Merton	7 months	М.	Leg.	Three other children in family	Utensils good and clean Nestle's milk and Pearl Barley water first, and then Robinson's Patent Barley. Enamelled saucepan used, burnt and not clean	House clean	back yard unpaved Well paved and sur- roundings open	W.C. is fairly clean	
lingston Read, Merton	S months	F.	Leg.	Three other children in family	Breast and then bottle with Nestle's Milk. The utensils are clean.	The house is clean	Both yards in good con- dition	W.C. is in good order	
conard Road, Mitcham	3 months	М.	Leg.	None	Fed at breast for two months, then Nestle's Con- densed Milk in ordinary feeding bottle.	This house is in a damp and grubby condition	Back yard partly paved but dirty	W.C. is in filthy condi- tion and offensive. The drains are stopped and	Notice served on owners to put drain in order
reyhound Terrace, Mitcham	11 months	м.	Leg.	One died several years ago	Fed at the breast.	This house is in a fairly clean state	Back yard partly paved	defective W.C. is in good order and ventilated	
rove Road, Mitcham	3 months	М.	Leg.	Three others died of similar complaints.	Fed at breast for first 6 weeks, then Nestle's Milk from a cup, and Robinson's Barley from a spoon. Utensils clean.	House kept in a cleanly state	Back yard is unpaved, and in an unsanitary state	W.C. is in wet state, due to leaky water pipe	
ibthorpe Boad, Mitcham	11 weeks	М.	Leg.	One other child living	Fed at breast. Cooking utensils are dirty, there being no place to keep them. Sink and copper are in the kitchen	This house is in a dirty and defective state	Back yard is paved	W.C. is in yard, drain stopped and flushing out of order	The parents are hawkers, and ha little or no home comforts. Not served to repair drains.
'irework Road, Mitcham {	2 months 2 months	М. М.	Leg. Leg.	Four living. One died 7 years ago of same complaint	First fed on Allen and Hanbury's Food, latterly on cows' milk and barley water. Utensils clean.	This house is kept in a cleanly state	Back yard is paved	W.C. is in yard, and is in proper order	and the to topan analast
ondon Road, Mitcham {	5 months 3 months	М. F.	Leg. Leg.	Five other children living	Nestle's Condensed Milk and Robinson's Barley given in patent tubeless bottle. Utensils very clean	This house is of recent construction and is very clean	The back yard is paved	W C. is on first floor, and is in proper order	
Vestfields, Mitcham	6 months	М.	Illeg.	None	Nestle's Condensed Milk in ordinary feeding bottle. Utensils clean	The house is kept in a cleanly state	Back yard is paved but defective	W.C. is in yard, and in good order	The mother of this child is a laundre and when the mother is at work, t child is left with her grandmother
leaton Road, Mitcham	4 months	М.	Leg.	One child living	Nestle's Milk and Patent Barley given in ordinary feeding bottle. The enamelled saucepan used for cooking was dirty at time of visit.	This house was fairly clean at time of visit	Back yard partly paved but defective	W.C. in good order	
ondon Road, Mitcham	8 months	F.	Leg.	Three other children living	Cows milk and water given in tubeless bottle. Utensils clean.	This house is in good sanitary condition	Back yard partly paved	The two W.C's. are in good order	This is a house of the better class, t occupiers of which are of very cle habits
Vaterfall Road, Mitcham	6 months	М.	Leg.	Six children living. Three others have died of various complaints	Fed at breast for four months, afterwards cows' milk and barley water in ordinary bottle.	This house is kept in a cleanly state	The back yard is partly paved	W.C. is in the yard and is in good order	
Denison Road, Mitcham	8 months	F.	Leg.	Seven children living	Nestle's Milk. Utensils were clean, all food kept in unventilated cupboard which communicates directly with W.C. and bath.	The house is in a reason- ably clean state	The back yard is partly paved	W.C. is in good order	The deceased was one of twins
enison Road, Mitcham	3 months	F.	Leg.	Seven children living	Fed at breast till 3 weeks before death, then given oww's milk by day by ordinary bothe and by breast at night Cooking utensils unclean. Food kepp in box which served as a larder, and is kept in the washhouse in which copper is	The living room is in a dirty condition	Back yard and forecourt is paved	W.C. is situate in yard and is in good order	
hapel Road, Mitcham	8 months	F.	Leg.	Two others have died of similar complaints	situated Fed on Nestle's Milk mixed with boiling water from the kettle, which was the only cooking	Fairly clean	Not paved, but open	W.C. pan is not clean	The house has a long garden at the rear
ewis Road, Mitcham	4 months	М.	Leg.	Three children living	utensil used for the child Bottle entirely with Nestle's Milk, and boiled Oatmeal. Utensils are fairly clean	This house is rather di- lapidated, and is near rubbish heaps, conse- quently it is swarmed with flies during summer	Yard used as a marine store	W.C. in good order	
llens Terrace, Mitcham	3 months	M.	Leg.	None	Bottle entirely with Nestle's Milk, barley and Malt	Clean and well ventilated	Clean and paved	W.C. in good order	
llens Terrace, Mitcham	11 month	M.	Illeg.	None	Foods Utensils are kept very clean Bottle entirely with Nestle's Milk, barley and Malt	Clean and well ventilated	Clean and paved	W.C. in good order	This child being illegitimate was s
Vhitford Gardens, Mitcham	3 months	М.	Illeg.	None	Foods. Utensils very clean.				Owing to the occupants leaving dire after the funeral, the Inspector unable to obtain any informati but he was informed the family w
Cynemouth Road, Mitcham	4 months	M.	Leg.	One child living	Fed at the breast. Utensils clean.	The house is kept in a very cleanly state	Back yard is paved	W C. is inside house and is in good order	neglectful and of doubtful reputat
Church Road, Mitcham	11 month	s M.	Leg.	Four other children living	Nestle's Milk and barley water. The enamelied saucepan is burnt	The house is dirty	Back yard is dirty	W.C. is not very clean	Reof of house defective, allowing r to leak in, causing the walls of bedrooms to be damp
Iarian Road, Mitcham	31 month	s M.	Leg.	One other child	First boiled cows' milk and barley water given in an ordinary feeding bottle, and latterly given Allen & Hanbury's patent food. Enamelled iron saucepan used, which is clean	The house is kept in a cleanly state	Back yard is paved near the scallery door	W.C. is in yard and is in good order	
rinces Boad, Mitcham	õ months	М.	Illeg.	None	Bread sop boiled with caraway seeds in it, and Nestle's Condensed Milk. Cooking utensils in an unclean state	The house is dirty and in neglected condition	The back yard is partly paved	W.C. pan is broken, flushing cistern out of order, walls wet and defective	The deceased was left in charge of grandmother, the mother be employed as a domestic servant
follege Road, Mitcham	10 month	s M.	Leg.	Four children living	Fed by a bad shaped feeding bottle with Nestle's Milk only. Utensils clean and good	This house is kept clean	Good	In good order	
Vestern Road, Mitcham	4 months	М.	Leg.	Two children living	Party by breast and partly with patent catmeal and barley water. Utensils are very clean	House clean but very dark	No back yard	W.C. is in good order	
enison Road, Mitcham	9 months	M.	Leg.	Eight children	At the breast for two months, afterwards con- densed milk and water, latterly condensed milk and brandy	House clean but over- crowded	Back yard paved	W.C. is in scallery and is in good condition	The road in front of the house has been made up, and is in bad condi
yegrove Road, Mitcham	2 months	M.	Leg.	A brother died a year pre- viously	Cows' milk boiled and barley water given in patent tubeless bottle. Utensils very clean	This is a first floor flat, and is kept in a cleanly state	Forecourt is paved.	W.C. is in scullery and is in good order	Deceased was consumptive and die convulsions
acen's Road, Mitcham	4 months	M.	Leg.	None	Child was never fed at breast. Fed by bottle with cows' milk and barley water. Utensils clean	House clean but over- crowded	Back yard dirty, no front yard	W.C. in good order	
ath Road, Mitcham	3 months	М.	Leg.	Eight children living	Partly fed by breast and then bottle with Nestle's Milk and barley water. Utensils clean		Yards in bad condition	W.C. in good order	
alestine Grove, Mitcham	5 months	M.	Leg.	One died of similar complaint in 1902	Fed entirely by bottle with cows' milk and Nestle's railk. Utensils clean	This is a new house, and is clean	Yards in good and clean condition	W.C. in good order	
dna Road, Merton	4 months	F.	Leg.	Seven other children living	Bottle with cows' milk. Nestle's milk and barley water. Utensils very clean	This house is kept in a cleanly state	Yards in good order and clean.	W.C. in good or4er	
Inyfield Road, Sanderstead	23 days	M.	Leg.	Two other children in family	Partly by breast and partly by cows' milk. Utenails very clean.	House very clean	Yard well paved	W.C. good and in good order	
hipps Terrace, Mitcham	5 months	M.	Illeg.	None	Nestle's Condensed Milk in ordinary feeding	House kept in fairly clean state	Back yard is paved	W.C. is in yard and is in good order	
Queen's Road, Mitcham Sarlton Park Avenue, Merton	24 days 3 months	F. M.	Leg. Illeg.	None	bottle Breast up to two months and then on meat juice,	This house is in a dirty and dilapidated state	Back yard is paved in front of doorway Yard in good condition	W.C. is in yard and is in good order W.C. in good order	Unable to obtain any information or to parents removal from the Dis This child was born in France after
ALLOS FAR AVENUE, MEPLON	o months	24.	mog.		eggs, barley water. Utensils clean	clean state			marriage of parents, but was decla illegal

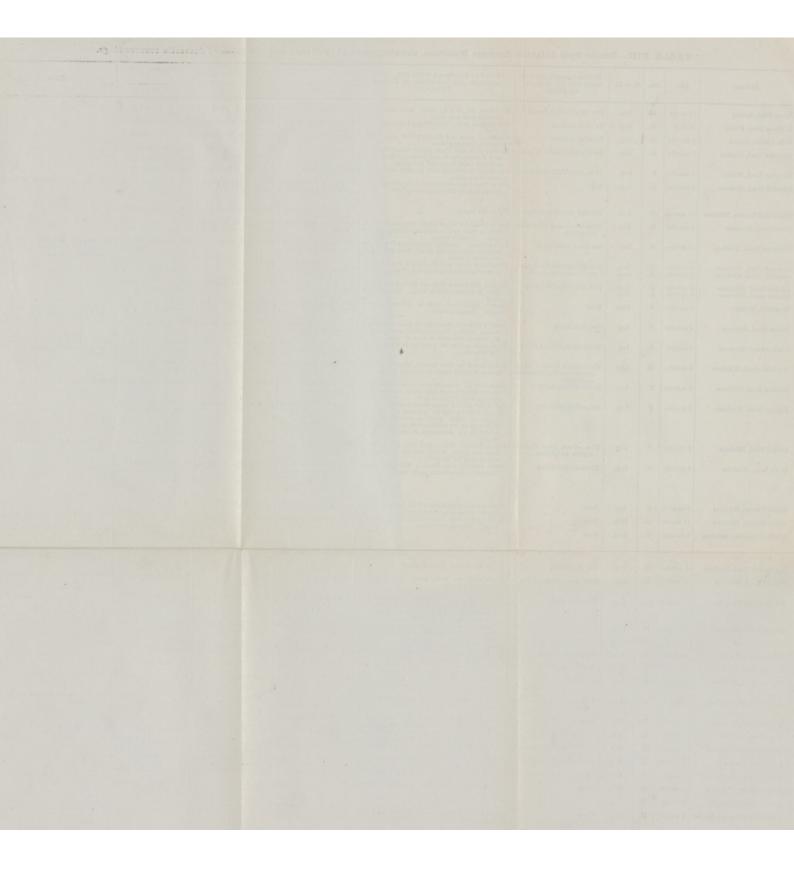


TABLE XIV.—Table showing Total Deaths from Infantile Summer-Diarrhœa, during the seven years, 1901-1906, in each Parish, and in every Street invaded :--

#### ADDINGTON.

1. Keeper's Lodge.

#### BEDDINGTON.

3. Bandon Hill.

1. Badger's Hole.

- 1. Beddington Lane.
- 1. Foxley Lane.
- 1. Brighton Road.
- 1. Coulsdon.
- 1. Godstone Road.
- 1. Blenheim Terrace.
- 1. Carlton Park Avenue.
- 1. Cannon Hill Lane.
- 2. Chestnut Road.
- 1. Crown Road.
- 2. Dorien Road.
- 4. Dupont Road.
- 2. Edna Road.
- 3. High Street.

- 1. Francis Road.
- 1. Guy Road.

#### COULSDON.

2. Lower Road, Kenley.

1. Roke Avenue, Kenley.

#### MERTON.

- 6. Kingston Road.
- 2. Pincott Road.

- 1. Savoy Road.
- 1. St. Mary's Cottages.
- 1. Sydney Road.

#### MITCHAM.

- 1. Allen's Cottages, Lonesome.
- 2. Allen's Terrace.
- 1. Aberdeen Road.
- 8. Bath Road.
- 2. Bailey Road.
- 2. Belgrave Road.
- 1. Benedict Walk.
- 1. Bond Road.
- 1. Broadway.
- 1. Bruce Road.
- 1. Byegrove Road.
- 1. Caithness Road.
- 4. Chapel Road.
- 1. Chestnut Road.
- 2. Church Buildings.
- 9. Church Road.
- 1. College Road.
- 1. Commonside.
- 1. Concrete Cottages.

- 3. Leonard Road.
- 3. London Road.
- 1. Lonesome.
- 2. Love Lane.
- 4. Lilian Road.
- 1. Lock's Lane.
- 1. Manor Road.
- 9. Marian Road, Lonesome.
- Miles' Lane. 1.
- Nicholls' Cottages, Eastfields, 1.
- Norfolk Road. 1.
- 1. Marlboro' Road.
- 1. Park Avenue.
- 2. Palestine Grove.
- 3. Phipp's Terrace.
- 1. Piccadilly.
- Pitcairn Road. 1.
- 1. Portland Road.
- 5. Princes Road.

- 1. Nursery Road.
- 1. Nelson Grove Road.
  - Reform Place. 1.

- 1. Courtney Road.
- Denison Road. 3.
- 1. Durham Place.
- 1. Eastfields.
- 2. Firework Road.
- 2. Fortescue Road.
- 1. Fernlea Road.
- 2. Fountain Place.
- 7. Fountain Road.
- 2. Gladstone Road.
- 1. Grange Villas, Eastfields.
- 2. Greyhound Terrace.
- 4. Grove Road.
- 1. Harewood Road.
- 5. Heaton Road.
- 1. Homewood Road.
- 1. Lewis Cottages.
- 3. Lewis Road.

- 8. Queen's Road.
- 1. Robinson Lane.
- Robinson Road. 3.
- St. Mark's Road. 1.
- 5. Seaton Road.
- 5. Sibthorpe Road.
- Smith's Buildings. 3.
- Spencer Road. 1.
- 1. Ravensbury Cottages.
- Tramway Terrace. 2.
- 4. Tynemouth Road.
- 1. Upper Green.
- Waterfall Road. 1.
- 1. Warren Road.
- Western Road. 4.
- 2. Westfields.
- 1. Whitford Gardens.
- 2. Willow View.

#### MORDEN.

1. Bishop's Cottages.

#### SANDERSTEAD.

Mayfield Road. 1.

Hackbridge.

Manor Road.

Percy Road.

2.

2.

2.

- 1. Riddlesdown Road. WALLINGTON.
  - 2. Ross Parade.
    - 1. Seymour Road.
    - 1. Wood Street.

#### WOODMANSTERNE.

- 1.
- 1. Rutland Cottages.

Chipstead Valley Road. 1° St. Dunstan's Cottages.

## FACTORY AND WORKSHOP ACT, 1901.

The title of this Act is "An Act to consolidate with amendments the Factory and Workshop Act."

It will be seen from the subjoined list that there are now 240 Factories and Workshops on the Register. All these are periodically visited, and due attention has been paid to maintaining them in such a condition as to comply with the requirements of the Act. During the year 522 visits were paid, and in 23 instances nuisances or irregularities were found.

### FACTORIES AND WORKSHOPS.

The series			-					No. or	
Laundries .			PACT RIES.		WORKSHOPS. 27		00	EMPL	383
Cycle Works			1		7	•••	8	•••	16
Carriage Mak	ers a	and			-		-		
Wheelwrights	_		1		5	•••	6		20
Distilleries and									
Oils			1		_		1		4
Printing			4		1		5		88
Brickmaking			8				8		48
Carpenters and	Builde	rs	5		12		17		97
Shoeing Forges			_		16		16		34
Dressmaking			_		14		14		48
Bakeries			1		37		38		85
Harness Making					4		4		7
Bootmaking & I	longiri		-	••••		••••			14
Bottle Weshing	& Mar	ng	-		9		9		14
Bottle Washing					-				-
Stores		•••	_	• • • •	3	••••	3		7
Snuff Mills and	Toba	cco	2				2		50
Buff, Parchme	ent,	and							
Chamois leath	er, Pat	ent							
leather and D	egreas	ing	2		4		6		143
Dye Extractors .			1				1		12
Chaff Cutting a	nd Co	orn							
Grinding			2				2		14
Flour Mills			1				1		8
Electrical Works			2	••••			2		16
Bedding Manufa			1	•••	1	••••	2	••••	11
Cardboard ditt	courer			••••	T	•••		•••	
Motor ditt	0	•••	1	•••	-	•••	1		40
			2		_	•••	2		6
Brewers .		•••		••••	1		1		7

		01561			m		OTEL.
Varnish Making	FAC.	TORIES.	wo	RESHOPS.	 TOTAL. 14	15 MP1	124
Confectionery Making		2		6	 8		288
Paper Making		ĩ		_	 1		44
Saw Mills & Timber ya		2		2	 4		13
Silk and Chintz Printi		2		1	 8		50
Block Cutting		_		1	 1		5
Gas Works		1		_	1		90
Watch Making		_		2	 2		4
Firework Making		1		_	 1.		103
Mineral Water		1		_	 1	'	20
Chemical Works		4			 4		79
Margarine Works		1			 1		20
Well Boring		1			 1		4
Iron Works		1		_	 1		35
Cork Cutting		1			 1		23
Organ Building		1			 1		1
Brush Making		_		1	 1		4
Belt Making		1			 1		12
Lath Render		-		_	 _		
Trunk Cloth & Leat							
Substitute Making				1	 1		2
Golf Club Making				2	 2		6
Printing Ink Making		1		_	 1		5
Engineering		8		_	 3		30
Glove Cleaning				1	 1		1
Furniture Making		_		1	 1		1
Tailoring		_		1	 1		1
Incandescent Mantle							
Works		1		-	 1		167
Smelting Works		1			 1		31
Oilcloth Works		1		_	 1		8
	-						
Totals		72		168	 240		2274

#### 1.—INSPECTION.

### INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OF INSPECTORS OF NUISANCES.

		Number of	
Premises	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (including Factory Laundries) Workshops (including Workshop Laundries)	201 885	1 9	
Workplaces (other than Outworkers' premises included in Part 3 of this Report	16	2	
Total	552	12	

#### 2.—DEFECTS FOUND.

	N	umber of Defe	cts	Number
Particulars.	Found.	Remedied.	Referred to H.M. Inspector. (4)	of Prosecutions (5)
Nuisances under the Public Health Act—*		1	1	
Want of cleanliness	9	9		
Want of ventilation	1	-		
Overcrowding	1	1		
Want of drainage of floors	1	1		
Other nuisances	5	4		
(insufficient	2	2		
+Sanitary accommodation unsuitable or defective	5	5		1000
(not separate for sexes	1	1		
Offences under the Factory and Workshop Act—				
Illegal occupation of underground bakehouse (s.101)	—		DIA IN	
Breach of special sanitary requirements for bake-		0		
houses (ss. 97 to $100$ )	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	3	S ZLITVROM	-
Other offences (excluding offences relating to out- work which are included in Part 3 of this Report)	101-	-		
Total	25	26		

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

+For districts not in London state here whether section 22 of the Public Health Acts Amendment Acts, 1890, has been adopted by the District Council; and if so what standard of sufficiency and suitability of Sanitary accommodation for persons employed in factories and workshops has been enforced.

#### 4-.REGISTERED WORKSHOPS.

Workshop	s on the	Register (	S. 131) a 1)	at the end	of the ye	ar	Number. (2)
Number of Bakehouses							 38
Various Workshops	•••		***				 118
Total number of Worksh	iops on	Register					 151

#### 5.—OTHER MATTERS.

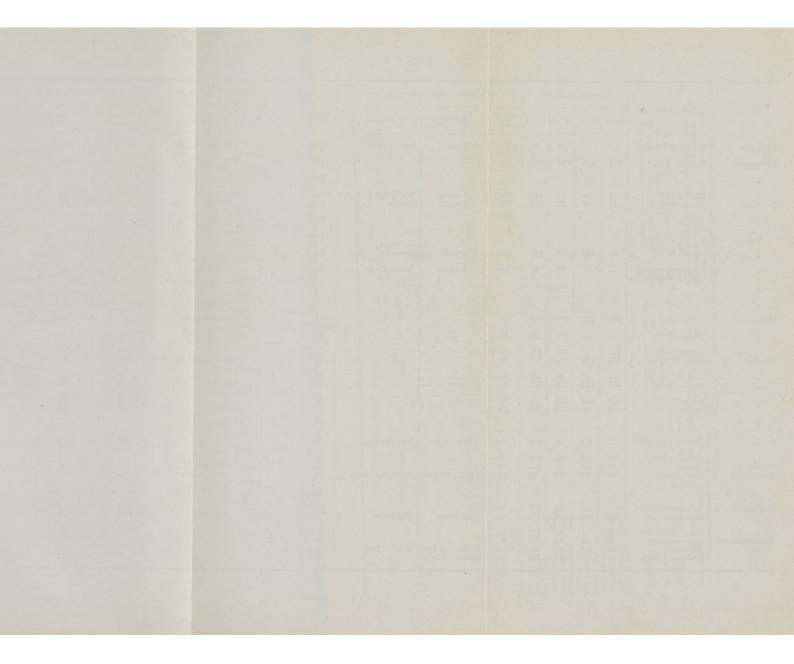
Cl	ass. 1)				Number. (2)
Matters notified to H.M. Inspector of Fact Failure to affix Abstract of the Factor Action taken in matters referred by H as remediable under the Public Healt not under the Factory and Workshop	y and W M. Inspa h Acts, b	ut   Noti	ified by H orts (of a	en)	2
Other Underground Bakehouses (s. 101):—				 	
Certificates granted during the year				 	
In use at the end of the year				 	1

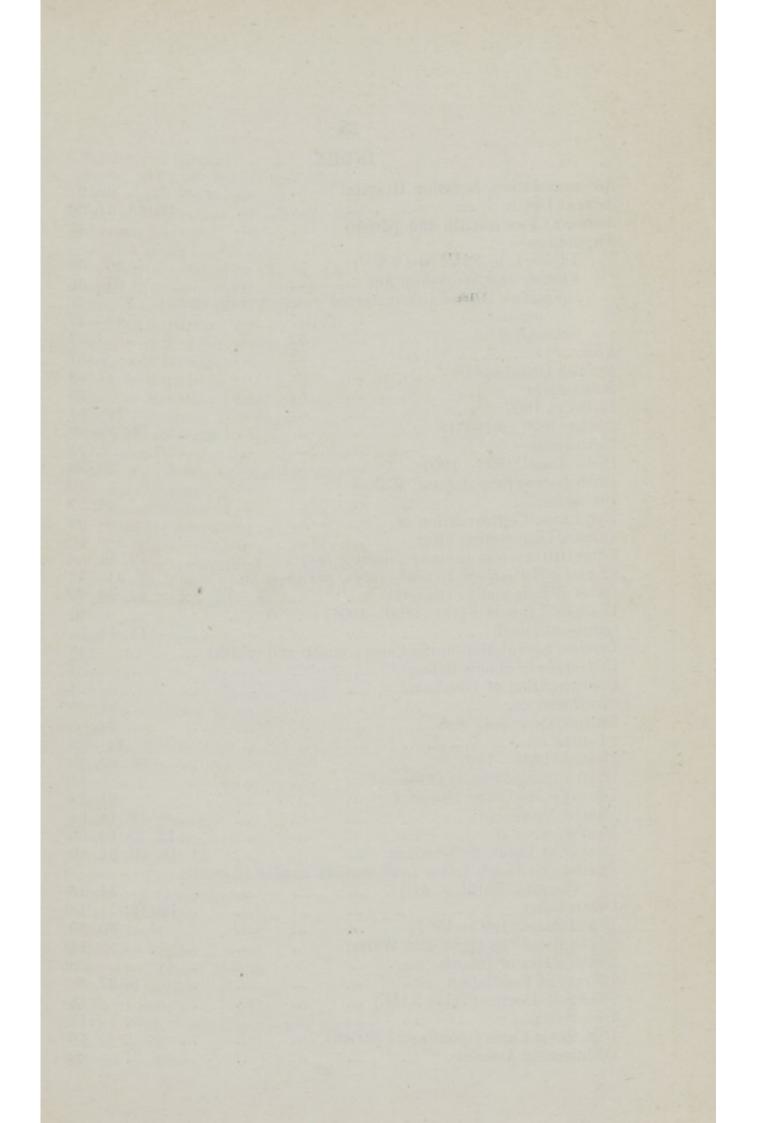
		01	UTW	ORKEI	RS' I	IST	s, sec	TION	107.		es.	UNW	WORK HOLES ISES, S	OME	INFE	TWORN TED F Sec. 10	PREM-
	Lists received from Employers.						Addresses of Outworkers		Prosecutions.		ons of Premises		d.	s,		. 110).	s 110),
NATURE OF	Twice i	n the	year	Once in the year			ils.		of			nces.	served.	ution	nces	e (S.	109,
WORK*	Tinte	Mork- men.			Con- matter		Received from Other Councils	Forwarded to other councils	railing to keep or permit inspection of lists.	lists. Failing to send list.	Inspecti Outworkers'	Instances	Notices	Prosecutions	Instances.	(1) Orders made	Prosecutions (Sections 109, 110),
(1)	Lists.* (2)	(3)	(4)	Lists. (5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Wearing Apparel— (1) making, etc. (2) cleaning and washing	7 1	7 1	9 1	4	4	5	2	2	744	1001	36 10						
ace, lace curtains nd nets														Nu			
Fur pulling Jmbrellas, etc Paper bags & boxes Brush making Stuffed Toys						1.07			ACCU ST								
File making Electro plate Cables and Chains Anchors & Grapnels Jart Gear Jock, Latches & Keys																	
Total		8	10	4	4		2	2			46						

\*If an occupier gives out work of more than one of the classes specified in column 1, and subdivides his list in such a way as to show the number of workers in each class of work, the list should be included among those in column 2 (or 4 as the case may be) against the principal class only, but the outworkers should be assigned in column 3 (or 5) into their respective classes. A footnote should be added to show that this has been done.

†The figures required in column 2 and 3 are the *total* number of lists received from employers who sent them both in February and August as required by the Act and of the entries of names of outworkers on those lists. They will, therefore, usually be double of the number of such employers and (approximately) double of the number of individual outworkers whose names are given, since in the February and August list of the same employer the same outworkers name will often be repeated.

				Nu	imber o	on Bool	ks.	W	hen Closed during	Corrent Year.	Wh	en Closed during l	ast Three Years.	Number of Chi	ldren Exclude
Parish.		Name of School.	В	oys.	Girls.	Inf'nts	Total.	Yes or No.	Period.	Disease.	Yes or No.	Period.	Disease.	For Notifiable Complaints.	For other Complaints.
ddington		Church of England	-			32	32	Yes	3 weeks	Scarlet Fever	Yes	1906 8 Nov30 Dec	Whooping Cough		
eddington		Central	1	08	108	58	274				Yes	1906	Measles	120	25
											Yes	3 Jan 22 Jan. 1904 - 1905	Scarlet Fever		
		Bandon Hill		9	34	99	142	Yes	7 weeks	Wh. Cough & Ch. Pox	Yes	19 Nov.—9 Jan. 3 weeks		172	17
oulsdon		Kenley C. of E		84	67	37	188	Yes	4 weeks	Measles	Yes	1905 16 Feb.—19 Mar.	Mumps	120	90
											Yes	1905 27 Nov.—30 Dec.	Measles		
											Yes	1906 1 Jan -21 Jan.			
		Purley, N		98	98	77	273	Yes	4 weeks	Measles	Yes	1 Jan -21 Jan. 1906 1 Jan21 Jan.			
		Commemmoration				31	31	Yes	4 weeks	Scarlet Fever	Yes	1905			
		Hall Infants' Schoo	1								Yes	14 Dec			
											Yes	1 Jan.—21 Jan. 1906	Wheoping Cough		
ferton				57	277	210	844	No			Yes	16 Nov 30 Dec. 1905	Scarlet Fever	197	
						130	130	No			(Infants) Yes	6 Mar.—9 April 1906		32	
	•••							No			No	6 weeks		20	
ditcham	•••	Raynes Park . Lower Mitcham .		161 315	171 269	241 298	556 852	No	::		Yes	1906 2 April 30 April	Measles & Diphtheria		16
				57	45	54	156	No			No			6	40
	•••	Singlegate	- 4	165	459	505	1428	No			Yes	1906 14 Feb. 13 Mar.	Measles	1	
	•••	Upper Mitcham . Louesome		299 42	223 40	226 133	748 215	No			No Yes	1906	Measles	47 52	24 10
											Yes	17 Jan.—17 Feb. 1906	Diphtheria		
	••						0.05		1 Pak A Mar	Diphtheria		9 July-7 Sept. 1905		33	2
	•••		-		137	68	205	Yes	1 Feb 4 Mar.	Diphtheria	-	19 May - 18 June	Measles		1
Morden		Gorringe Park . Morden	- 1	171 36	150 42	228 78	549 153	No			No Yes	3 weeks	Mumps	107	
Sanderstead				20	22	16	56	Yes	7 Jan.—18 Jan.	Whooping Cough	Yes	1905 13 Feb.—5 Mar.	Sore Throats		
"											Yes	1906 7 Dec 30 Dec.	Whooping Cough		
Wallington		Beddington Corner .				139	139	No		Di Lili I	No		Measles	81 126	17 23
"				220	150	130	500	Yes	3 weeks	Diphtheria	1 33.2	1906 2 weeks	Measles		
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