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— THE —

Annual Report

— FOR THE —

OXENDON
Rural District Council,

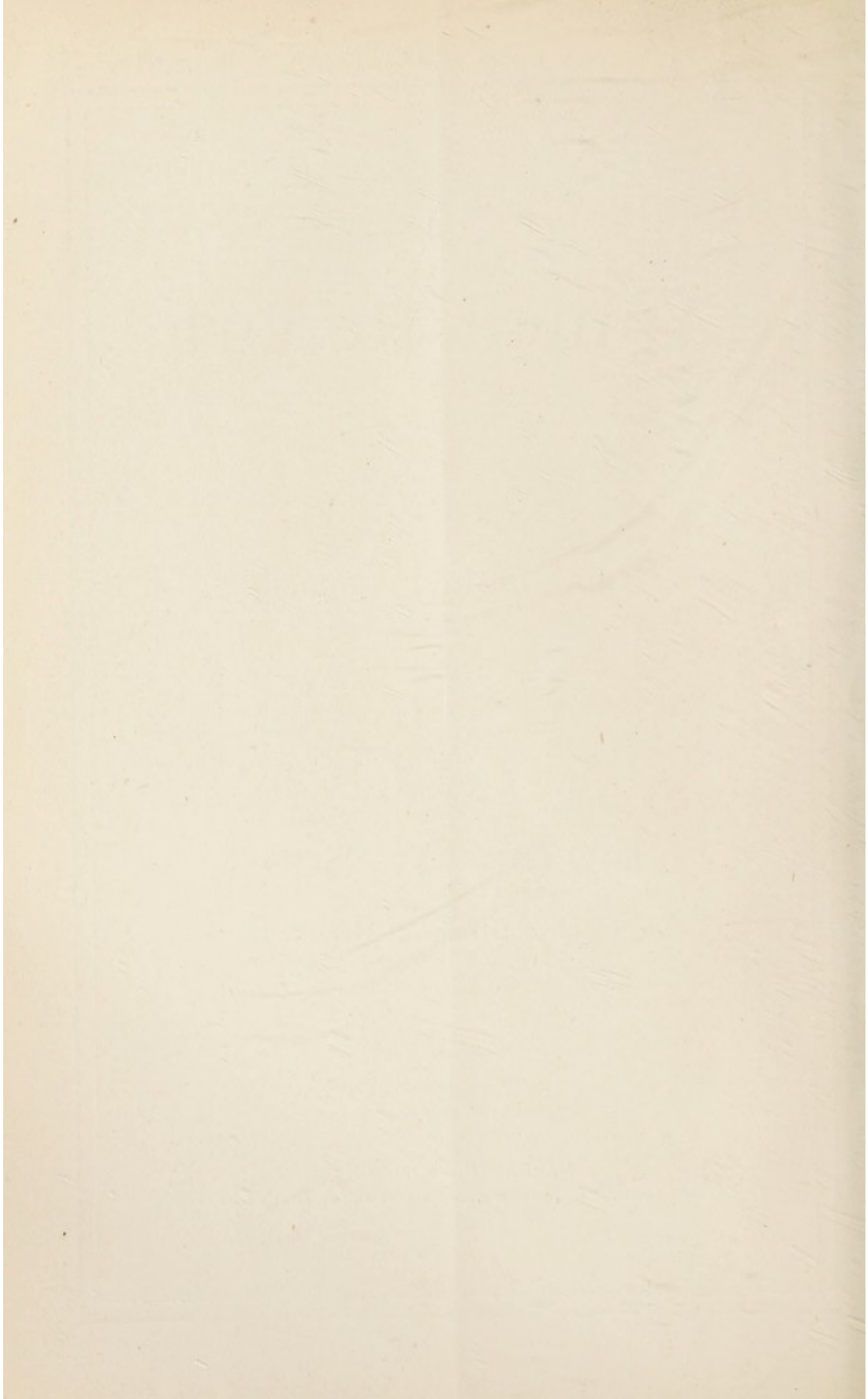
— 1908, —

BY

Charles T. Scott,
Medical Officer of Health.



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Oxendon Rural District Council.

MEDICAL OFFICER'S ANNUAL REPORT For the Year 1908.

GENTLEMEN,

I herewith have the honour to present to you the Annual Report of the Medical Officer of Health, together with the various tables of Statistics and the Report of the Sanitary Inspector.

The Area of the District is 32,991 acres and comprises 19 parishes. The total population in the 1901 census numbered 4,202 ; since that date the births have exceeded the deaths by an average of about 10 per annum, so that the population of the district seems to be slightly increasing. The population of the individual villages varies from 30 to 700, the majority being under 200.

The occupation of the inhabitants is mainly connected with grazing and agriculture. There are no factories and no trades or occupations likely to be deleterious to the health of the inhabitants.

The House-Accommodation is, on the whole, adequate and cleanly. Four new houses have been built during the year at Marston Trussell in place of some old and insanitary cottages. They have been thoroughly inspected and their sanitary arrangements are in excellent order. One new house has been erected at Stoke Albany but no others have been built anywhere in the District.

The Sewage and Drainage arrangements have been inspected and are satisfactory. The method of dealing with the sewage is by means of settling tanks ; these are inspected frequently and cleared out once a month or once a quarter as necessary. The gratings and drains are disinfected each week and where necessary the sewers are flushed. At Clipston a new sewer has been laid at the Harborough Road end and a new sewer and ventilating shaft close to the green. At East Farndon the old sewer in Mr. Goode's field has been relaid and a settling tank built. Improvements have also been made in the sewers at Oxendon, Sulby, Stoke Albany, Sutton and Welford.

The only complaints of river or stream pollution which have arisen during the year are with regard to the stream at the Middleton end of Ashley, where the outfall from the settling tank empties into a stream by the roadside. In dry weather there is insufficient flow of water to carry away the overflow from the tank. There is a very fine spring some 400 yards lower down this stream, so that if the outfall drain could be prolonged to enter the stream below this point there would be sufficient flow of water to prevent pollution in any weather. I may perhaps remind you that new pipes and manholes were laid in the main sewer at Ashley last year, which is in every way satisfactory.

At Marston Trussell a slight epidemic of Diphtheria amongst the school children called attention to the drainage arrangements of the school closets. These were found to be very defective and were remedied, and since then no case of Diphtheria has occurred in the village.

Most of the houses in the District are provided with bucket-closets or vaults. The number of w.c.'s has increased somewhat in the last few years which is responsible for some of the improvements which it has been necessary to make in the sewage systems. The disposal of house-refuse, &c., is attended to by the house occupiers, and on the whole is satisfactory. In a few cases where the cottages have only small gardens, the refuse is allowed to accumulate close to the houses and is apt to become offensive ; there has been, however, no illness in the district attributable to such cause.

The Water Supply of the District is very good throughout. The supply is mainly through pumps and wells. Samples have been analysed from time to time and no permanent defect has been found.

The places over which the Council have control, viz. : slaughter-houses, bakehouses, out-workers premises, dairies and cow-keepers premises have been regularly inspected and are in good order. One slaughter-house was reported for lime-washing and accumulation of manure, these were remedied.

Infectious diseases have again been few in number. There have been two small epidemics of Diphtheria, four cases at Marston Trussell and four at Stoke Albany, and two cases of Scarlet Fever. The Diphtheria at Marston Trussell was attributed to the defective drainage at the school, which, as I have mentioned has been rectified. No cause was detected for the cases at Stoke Albany.

The most noteworthy features to be gathered from the appended tables of Statistics are the infant mortality and the total birth and death rates for the district. The number of births for the year is 91 which is the highest figure since 1898 and six above the yearly average : the deaths number 53, which is eight below the yearly average, whilst the number of deaths under one year of age is only two (one of these a premature child) this is the lowest figure for at least ten years, the average being only seven. Last year there were three deaths of infants under one year of age, a rate of 51 per 1,000 births ; this was the second smallest rate of all the 16 Rural Districts of Northamptonshire. This year the rate is only 21.9 per 1,000 (30 per 1,000 lower even than last year.) These figures are particularly interesting in connection with the notification of Births Act and indicate clearly that the adoption of the act is, at present, entirely unnecessary in the district.

Table iv. dealing with the causes of death at all ages shows that of 54 deaths, exactly half the number occurred in persons over 65 years of age. Of the remainder 11 died from pneumonia and three from Diphtheria.

There is rather a larger number of out-workers from the factories this year, viz: 77 as compared with 44 last year, of these 10 are from Braybrooke and 67 from Welford. No matter in connection with them has arisen during the year.

I have great pleasure in acknowledging the valuable and skilful aid of the Sanitary Inspector and beg to thank you, gentlemen, for the kindness and courtesy you have always shewn to myself.

I have the honour to be,

Yours faithfully,

CHARLES T. SCOTT.

TABLE I.—Vital Statistics of the whole district during 1908 and previous years.

YEAR.	Population estimated to middle of each Year.		BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions beyond the District.	Deaths of Non-residents registered in Public Institutions in the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.			
	1	2	3	4	Under 1 Year of Age.		at all Ages.					10	11	12	13
					Number.	Rate*	Number.	Rate*							
1898	...	4627	95	20.74	11	115.00	51	11.02	...	...	4	55	11.88
1899	...	4627	89	19.23	9	101.12	66	14.26	...	...	3	69	14.91
1900	...	4627	96	20.74	7	72.91	67	14.69	...	...	5	72	15.55
1901	...	4202	80	19.01	4	50.00	58	13.80	...	...	2	60	14.27
1902	...	4202	90	21.41	6	66.6	66	15.70	...	...	6	72	17.13
1903	...	4202	75	17.84	4	53.3	55	13.08	...	...	2	57	13.56
1904	...	4202	79	18.80	12	151.98	68	16.18	...	...	10	78	18.56
1905	...	4202	86	20.46	11	127.90	68	16.18	...	...	6	74	17.61
1906	...	4202	71	16.89	3	42.25	43	10.23	...	...	4	47	11.18
1907	...	4202	78	18.56	4	51.30	66	15.71	...	...	2	68	16.20
Averages for years 1898-1907.	...	4329	85	19.35	7	83.19	61	14.07	...	...	4.4	66.2	15.07
1908	...	4202	91	21.88	2	21.9	53	12.62	...	...	1	54	12.9

* Rates in Columns 4, 8, and 13 calculated per 1000 of estimated population.

Total Population at all ages, 4,202. Number of inhabited houses, 997 } at Census
Average number of persons per house, 4.25. } of 1901.

Area of District in acres (exclusive area covered by water), 32,991.

1	2	3
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
	Union Workhouse, Market Harborough Northampton General Hospital Leicester Infirmary Berrywood Asylum, Northampton	

The Union Workhouse is not within the District.

TABLE II.—Oxendon Rural District.

NAMES OF LOCALITIES.	Whole District 1			Arthingworth 2			Ashley 3			Brampton Ash 4			Braybrooke 5			Clipston 6			
	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	
1898	4627	95	55	206	1	3	1	254	5	2	140	3	1	294	3	3	591	9	5
1899	4627	89	69	206	4	3	3	254	5	1	140	3	1	294	5	4	591	9	9
1900	4627	96	72	206	3	3	3	254	5	1	140	3	1	294	2	4	591	11	10
1901	4302	80	60	146	5	3	1	192	3	7	112	2	1	269	4	4	546	7	7
1902	4302	70	72	146	2	4	1	192	3	0	112	2	2	269	6	3	546	7	11
1903	4302	75	57	146	3	4	1	192	5	3	112	2	1	269	3	7	546	15	6
1904	4302	79	78	146	3	4	1	192	2	10	112	1	1	269	4	7	546	7	7
1905	4302	80	48	146	4	1	1	192	6	7	112	1	1	269	4	6	546	8	10
1906	4302	71	48	146	0	3	1	192	0	3	112	2	1	269	2	7	546	12	8
1907	4332	78	66	146	5	3	1	192	3	3	112	5	3	269	5	3	546	5	8
Averages of Years 1898 to 1907.	4329	85	61	164	3	2.5	2	210.6	3.7	4.2	120.4	2.3	.9	278.5	4.1	5	559.5	9	8.1
1908	4202	91	53	145	3	4	1	192	4	2	112	3	1	269	4	4	546	10	5

NAMES OF LOCALITIES.	Dingley 7			East Farndon 8			Hothorpe 9			Kulmarsh 10			Marston Trussell 11			Great Oxendon 12			
	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	
1898	119	1	1	224	3	4	1	48	2	1	179	2	3	169	8	2	243	4	3
1899	119	2	1	224	5	3	1	48	1	1	179	4	3	169	3	1	243	3	1
1900	119	3	1	224	4	6	1	48	1	1	179	6	2	169	7	7	243	7	3
1901	135	2	1	204	3	2	1	56	1	1	106	2	1	157	5	2	219	6	1
1902	135	4	1	204	3	2	1	56	1	1	106	2	3	157	5	2	219	5	1
1903	135	4	1	204	3	5	1	56	1	1	106	4	1	157	5	5	219	5	1
1904	135	3	1	204	1	3	1	56	1	1	106	3	3	157	5	2	219	3	1
1905	135	7	1	204	1	3	1	56	4	1	106	3	3	157	2	1	219	2	3
1906	135	4	3	204	3	3	1	56	2	1	106	5	4	157	6	2	219	4	2
1907	135	4	3	204	3	3	1	56	2	1	106	5	4	157	4	2	219	1	1
Averages of Years 1898 to 1907.	130.2	3	1.4	210	2.6	2.4	3	53.6	1.2	1.4	127.8	2.8	1.9	160.6	5.1	2.3	226.2	3.8	1.7
1908	135	2	1	204	6	2	1	56	2	1	106	2	1	157	4	1	219	3	2

NAMES OF LOCALITIES.	Sibbertoft 13			Stoke Albany 14			Subby 15			Sutton Bassett 16			Thorpe Lubenham 17			Welford 18		
	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.
1898	250	5	3	286	8	2	60	1	1	89	3	1	7	1	882	19	9	
1899	250	3	3	286	7	3	60	1	3	89	3	1	7	1	882	16	17	
1900	250	1	1	279	12	4	60	1	1	89	3	1	7	1	882	22	10	
1901	238	6	8	279	17	5	75	1	1	82	1	2	26	1	757	11	11	
1902	238	6	8	279	17	5	75	1	1	82	1	2	26	1	757	21	12	
1903	238	1	1	279	5	6	75	1	1	82	2	1	26	1	757	13	13	
1904	238	3	4	279	8	9	75	3	3	82	4	3	26	1	757	23	10	
1905	238	5	2	279	7	6	75	1	1	82	2	1	26	1	757	15	19	
1906	238	2	4	279	10	4	75	1	1	82	2	1	26	1	757	12	10	
1907	238	3	4	279	4	2	75	2	1	82	3	2	26	1	757	13	17	
Averages of Years 1898 to 1907.	241.6	3.8	3.1	280.5	8.6	4.2	70.5	1	1	84	2	1.9	3	20	1	794	17	13
1908	238	2	1	279	8	4	75	2	1	82	2	2	26	1	757	20	13	

NAMES OF LOCALITIES.	Weston-by-Welland 19			Wilburston 20			Pipewell 21		
	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.	Population estimated of each year.	Births registered.	Deaths at all ages.
1898	177	3	3	430	14	8	2	...	...
1899	177	3	3	430	11	7	1	...	...
1900	177	3	3	430	11	7	1	...	...
1901	155	2	2	448	8	7	1	...	...
1902	155	2	2	448	11	13	3	...	...
1903	155	1	1	448	6	4	1	...	...
1904	155	2	3	448	9	13	2	...	...
1905	155	6	1	448	15	8	1	...	...
1906	155	...	2	448	7	3	1	...	...
1907	155	6	2	448	8	4
Averages of Years 1898 to 1907.	161	2.7	2.2	443	9	7.1	1	...	6
1908	155	5	8	448	9	4



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TABLE III.—Cases of Infectious Disease notified during the Year 1908.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.						
	At all Ages.	At Ages—Years.						Kelmarsh	Sutton Bassett	Ashley	Stoke Albany	Marston Trussell		
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards						1	2	3	4	5
Small-pox
Cholera
Diphtheria (including Membranous Croup) ...	9	1	4	4	...	...	...	...	1	1	1	4	4
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	2	...	1	1	...	...	...	1	1	...	...	...	...
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	11	1	5	5	...	...	...	1	1	1	4	4	

No Isolation Hospital.

TABLE IV.—Causes of, and Ages at, Death during the Year 1908.

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.																			
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Arthingworth	Ashley	Brampton	Braybrooke	Clipston	Dingley	East Farndon	Hothorpe	Kelmarsh	Marston	Oxendon	Sibbertoft	Stoke	Sulby	Sutton	Thorpe Lubenham	Welford	Weston	Wilbarston	Pipewell
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping-cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) ...	3	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Enteric ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Other continued ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastritis ...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	3	...	...	...	...	3	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	
Other tuberculous diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer, malignant disease ...	5	...	...	...	...	1	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2
Bronchitis ...	4	...	...	...	...	1	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
Pneumonia ...	11	...	1	4	...	5	1	...	...	1	2	1	...	...	...	...	...	...	...	...	...	...	...	5	2	...	...
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of respiratory organs ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism ...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Cirrhosis of Liver ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veneral Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth ...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Diseases and accidents of parturition ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart diseases ...	6	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	2	...	2
Accidents ...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Suicides ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Age ...	5	...	...	...	...	...	5	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1
Diabetes ...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Apoplexy ...	3	...	...	...	...	1	2	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
All other causes ...	8	1	...	...	1	1	5	1	1	...	2	...	2	...	...	...	...	1	...	...	...	...	...	...	2	...	...
All causes ...	53	2	3	6	1	14	27	4	2	...	4	5	1	2	...	...	1	2	...	4	1	2	...	13	8	5	...

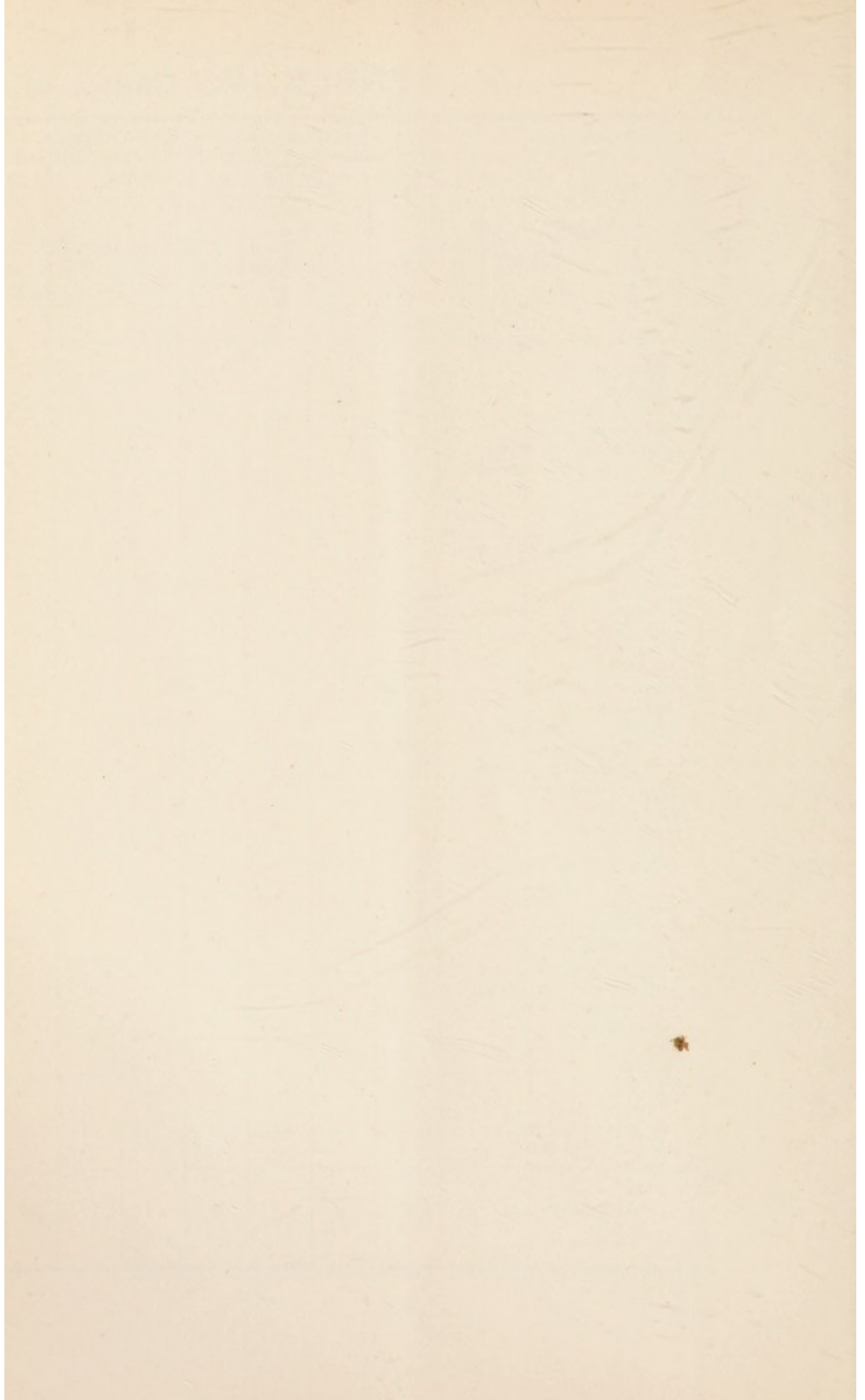


TABLE V.—Infantile Mortality during the Year 1908.

CAUSE OF DEATH.		Under 1 week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
All Causes	{ Certified .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Uncertified .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Common Infectious Diseases	{ Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Measles .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Diphtheria (including Membranous Croup) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoeal Diseases	{ Whooping Cough .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Diarrhoea, all form .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases	{ Enteritis, Muco-enteritis, Gastro-enteritis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Gastritis, Gastro-intestinal Catarrh .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Diseases	{ Premature Birth .. ..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	{ Congenital Defects .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Injury at Birth .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Want of Breast Milk, starvation .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Marasmus .. ..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	{ Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Tuberculous Peritonitis: Tuberc. Mesenteric .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Syphilis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Rickets .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Meningitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Convulsions .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Bronchitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Pneumonia .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	{ Suffocation, overlaying .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	{ Other Causes .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	2

Births in the year—legitimate 91, illegitimate —.

Deaths in the year of legitimate infants 2, illegitimate infants —.

Population, estimated to middle of 1908, 4,202.

Deaths from all causes at all ages, 53.

Factories, Workshops, Laundries, Workplaces and Homework.

1.—INSPECTION.

Including Inspections made by Sanitary Inspector or Inspectors of Nuisances.

Factories (including Factory Laundries), No. of Inspections, Nil.

Workshops (including Workshop Laundries), No. of inspections, Nil.

Workplaces (other than outworkers' premises included in part 3 of this report) No. of inspections, Nil.

2.—DEFECTS FOUND.

Sanitary accommodation, insufficient	Nil.
Remedied	Nil.

3.—HOMEWORK.

Outworkers' Lists, Section 107—	Wearing Apparel, making, &c.	
	Lists	Outworkers
Lists received from Employers twice in a year	144	...
" " " once in a year	...	...
Addresses of Outworkers received from other Councils	4	...
" " forwarded to other Councils	2	...
Inspections of Outworkers' Premises	77	...

OXENDON RURAL DISTRICT COUNCIL.

SANITARY INSPECTOR'S AND SURVEYOR'S REPORT FOR 1908.

Parish.	Defective Drains.	Defective (Toilets,	Accumulation of Manure, etc.	Sewer Improvements.	Sewer Tanks Cleaned.	Sewer (outfall.	Slaughter Houses.	Bakehouses	Houses Built.	Factory (Outworkers.	Registered (Cowkeepers.	REMARKS.
Arthingworth	...	...	...	...	...	...	...	...	...	...	...
Ashley	...	...	1	...	monthly	...	...	...	...	...	1	
Brampton	...	...	...	...	Private	...	...	...	...	...	...
Braybrooke	...	1	...	...	...	...	...	...	...	10	3	
Clipston	5	2	...	1	quartly	3	...	...	...	...	...	<i>Clipston.</i> —New sewer has been laid to improve the area on Harlono' Road, also new sewer and ventilating pipe to accommodate the house property adjoining the green.
Dingley	...	...	...	...	...	1	...	...	...	...	1	<i>East Farndon.</i> —The old sewer in Mr. Goode's field has been relaid and a settling tank built, which has improved this outfall.
East Farndon	4	...	...	1	quartly	...	...	...	...	...	...
Kelmarsh	...	...	...	...	...	...	...	...	...	...	...
Marston Trussell	1	2	1	...	monthly	...	...	4	...	...	1	
Hochorpe	...	...	...	...	...	...	...	...	...	...	...
Oxendon	2	...	...	1	quartly	...	...	...	...	...	...	<i>Oxendon.</i> —The sewer outfall on the East side of main road has been conveyed into the sewer on West side of road, and now goes into tanks.
Sibbertoft	...	...	...	...	quartly	...	...	...	...	...	...	<i>Sibby.</i> —Two ventilating pipes have been fixed to this sewer system.
Sibby	1	...	...	...	...	...	...	...	...	...	...
Stoke Albany	...	...	3	...	quartly	1	...	...	1	...	1	<i>Stoke.</i> —The gratings to convey waste water from taps have been removed and proper trapped gullies fixed, also a ventilating shaft fixed.
Sutton Bassett	1	...	...	...	quartly	...	...	...	...	...	...	<i>Sutton.</i> —A new length of sewer has been laid to the improvement of several cottages.
Thorpe Labenham	...	...	...	...	...	...	...	...	...	...	...	<i>Helford.</i> —An additional grit chamber and filter has been provided to the central sewer, which has answered its purpose well.
Weston	...	...	...	...	quartly	...	...	...	...	...	...
Wilbarston	...	1	...	...	quartly	2	...	...	...	...	...
Welford	...	1	4	1	monthly	2	1	...	...	67	5	
TOTAL	14	7	9	4			9	1	5	77	12	

The whole District is under my personal inspection. Nuisances found have been remedied. Infectious Cases have been frequently visited, and the premises thoroughly disinfected. The Council have a disinfectant, but during the year no necessity to use it has occurred. Drains and gratings are disinfected each week, and where necessary sewers flushed.

One Slaughterhouse was found defective. One Dairyman's premises was reported for limewashing and accumulation of manure. These were remedied. Bakehouse and Outworkers premises were found in order.

The Sanitary arrangements of the several parishes are working properly and the Water Supply has been satisfactory, the pumps and taps being kept in good order. Various samples of water have been taken during the year for analysis.

W. J. SMITH,
Sanitary Inspector and Surveyor.

January 26th, 1909.

