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OXENDON Rural District.

— THE —

Annual Report

FOR THE

OXENDON
Rural District Council,

— 1909. —

BY

Charles T. Scott,

Medical Officer of Health.

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Oxendon Rural District.

MEDICAL OFFICER of HEALTH'S ANNUAL REPORT FOR THE YEAR 1909.

GENTLEMEN,

I herewith have the honour to present to you my Annual Report 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 ; during recent years the birth rate has exceeded the death rate, so that the population may be roughly estimated at the present time to be about 100 persons more. The population of the various parishes varies from 26, in Thorpe Lubenham, to 757, in Welford, the majority being under 200 inhabitants.

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

The House Accommodation is, on the whole, adequate and cleanly. Only one house has been built during the year, viz., at Stoke Albany.

A few material improvements have been carried out in the sewage arrangements of the District. The method of dealing with the sewage is, in the main, by means of settling tanks ; these are inspected frequently by the sanitary inspector, and are cleaned out monthly or quarterly as required. The gratings and drains are disinfected each week, and where necessary the sewers are flushed. At Clipston two additional ventilating shafts have been fixed to the sewers. At Sibbertoft the old and inadequate sewer tanks have been abolished, and an entirely fresh system of tanks

has been built some distance further from the village. This is working most satisfactorily, the effluent being particularly clear; considerable difficulty had to be overcome in this connexion, as several springs were encountered in laying the pipes, which had to be diverted into the pipes themselves. At Sulby new sewer works have been carried out with improved filter beds.

No complaints of river or stream pollution have arisen during the year. The nuisance complained of at Ashley in my last report has been satisfactorily remedied. A new sewer chamber has been built and the outfall taken to a lower part of the stream where it is no longer a source of nuisance.

The method of disposal of sewage and refuse is on the whole satisfactory. With the drainage improvements that have taken place during the last few years, various causes of previous complaint in this direction have been removed or materially improved.

The Water Supply of the District is good. The well in Clipston, by the Rectory, has been widened and deepened, and the Artesian well at Farndon has been thoroughly cleansed.

The places over which the Council have control, viz. : slaughter-houses, bakehouses, outworkers' premises, dairies and cow-keepers' premises, have been regularly inspected and are in good order. Nuisances have been few in number, and are mentioned in the appended report of the Sanitary Inspector.

The number of cases of infectious diseases occurring this year is 23 as compared with 11 last year. This is mainly due to an epidemic of scarlet fever at Marston Trussell which lasted from the beginning of August to the middle of November. The Council accepted the kind offer by Mr. Ewins of the use of a cottage as an isolation hospital for the time, and since the middle of November no case of scarlet fever has been notified. There has been no other epidemic of notifiable disease, but school closure was found necessary on two occasions, viz., at Wilbarston and Clipston, on account of measles. I should like

to suggest to the Council the advisability of adopting a resolution instructing the schoolmasters and mistresses to inform me, as medical officer of health, of suspected cases of non-notifiable infectious disease, e.g., measles, whooping-cough, mumps, chicken pox, as recommended but not enforced by the Local Government Board. This would enable me to deal with such outbreaks at their outset; at present I am dependent for such information upon hearsay or casual information whilst visiting the various villages, official information not reaching me till the school authorities send to enquire if the school ought to be closed.

Perusal of the appended tables of statistics calls attention firstly to the increased number of cases of infectious disease. This is, as I have mentioned, due to the small epidemic of scarlet fever at Marston, but as, of the 15 cases, 7 occurred in one family and 5 in another, the epidemic cannot be considered in any way serious. The total births and deaths for the year both closely approximate the average for the last ten years, the births exceeding the deaths by nearly 30. The infant mortality still remains very low, 5 deaths being registered under one year of age; of these, 3 died of pneumonia, one of gastroenteritis, and one from congenital disease. Of the total deaths for the year, considerably over 50 per cent. were persons over 65 years of age—a large number of these over 80 years.

The number of outworkers from the factories is rather smaller than last year—68 as compared with 77. 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 that 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 1909 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	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT.		
	1	2	Number	Rate*	Under 1 Year of Age.	At all Ages		Rate*			Number	Rate*	Number	Rate*
						Number	Rate*		Number	Rate*					11	12	13
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	51.80	66	15.71	...	...	2	68	16.20
1908	...	4202	91	21.88	2	21.9	53	12.63	...	...	1	54	12.99
Averages for years 1899-1908.	...	4287	83.5	19.48	6.2	73.75	61	14.25	...	...	4.1	65.1	15.1
1909	...	4202	80	19.04	5	62.5	54	12.8	...	...	1	55	13.09

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

Total Population at all ages, 4,202. }
 Average number of persons per house, 4.25. } At Census 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.
Nil.	Union Workhouse Market Harborough Northampton General Hospital Leicester Infirmary Berrywood Asylum Northampton	Nil.

The Union Workhouse is not within the District.

TABLE II.—Oxendon Rural District.

Year.	Whole District 1			Arthingworth 2			Ashley 3			Brampton Ash 4			Braybrooke 5			Clipston 6		
	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.
1899	4627	89	69	206	1	3	254	3	5	140	3	294	8	4	591	9	9	1
1900	4627	96	72	206	4	3	254	5	1	140	2	294	2	5	591	11	10	1
1901	4202	80	63	146	3	3	192	3	7	112	2	269	4	4	546	7	7	...
1902	4202	90	72	146	5	3	192	5	0	112	2	269	6	3	546	7	11	...
1903	4202	75	57	146	5	4	192	5	3	112	2	269	6	3	546	15	6	...
1904	4202	79	78	146	2	1	192	2	10	112	1	269	4	7	546	7	7	...
1905	4202	86	74	146	3	4	192	6	7	112	1	269	4	6	546	8	10	...
1906	4202	71	46	146	4	1	192	3	3	112	2	269	5	7	546	12	8	...
1907	4232	78	66	146	4	1	192	3	3	112	2	269	5	7	546	5	8	...
1908	4202	91	53	146	5	3	192	4	2	112	3	269	4	4	546	10	5	...
Averages of Years 1899 to 1908.	4290	83.5	64.7	158	3.2	2.6	204.4	3.6	4.1	117.6	2.3	274	4.2	5	553	9.1	8.1	4
1909	4202	80	54	146	4	1	192	2	3	112	3	269	6	4	546	5	6	2

Year.	Dingley 7			East Farndon 8			Hothorpe 9			Kelmash 10			Marston Trussell 11			Great Oxendon 12		
	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.
1899	119	2	2	224	5	...	48	...	1	179	4	3	169	3	2	243	3	1
1900	119	3	...	224	4	6	48	...	1	179	6	2	169	7	3	243	7	3
1901	135	2	1	204	3	2	56	1	1	106	2	3	157	5	2	219	6	1
1902	135	4	1	204	3	3	56	1	...	106	2	3	157	5	2	219	5	1
1903	135	4	1	204	3	3	56	1	...	106	4	1	157	5	5	219	2	1
1904	135	...	1	204	3	2	56	1	...	106	1	1	157	5	...	219	3	1
1905	135	3	1	204	1	3	56	1	...	106	3	3	157	2	1	219	2	3
1906	135	1	...	204	1	...	56	4	...	106	5	4	157	6	2	219	4	2
1907	135	4	3	204	3	3	56	2	...	106	4	1	157	4	2	219	1	1
1908	135	2	1	204	6	2	56	2	...	106	2	...	157	4	1	219	3	2
Averages of Years 1899 to 1908.	131.8	3.1	1.4	208	2.9	2.5	54.4	1.2	3.2	120.6	2.8	1.7	139.4	4.6	2.4	223.8	3.6	1.6
1909	135	4	1	204	5	3	56	...	...	106	4	3	157	3	2	219	2	3

Year.	Sibbertoft 13			Stoke Albany 14			Sulby 15			Sutton Bassett 16			Thorpe Lubenham 17			Welford 18		
	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.
1899	250	3	3	985	8	1	60	1	5	89	3	...	7	...	882	16	17	1
1900	250	5	4	985	7	3	60	...	1	89	5	2	26	...	882	22	10	1
1901	238	5	1	279	12	5	75	...	1	82	2	1	26	...	757	11	11	3
1902	238	6	8	279	5	6	75	1	1	82	2	1	26	...	757	21	12	...
1903	238	1	1	279	5	6	75	3	3	82	2	...	26	...	757	13	13	1
1904	238	3	4	279	9	9	75	3	3	82	2	3	26	...	757	23	10	2
1905	238	5	2	279	7	6	75	1	...	82	2	1	26	...	757	15	19	2
1906	238	2	4	279	10	4	75	1	...	82	...	...	26	...	757	12	10	1
1907	238	3	4	279	4	2	75	2	1	82	...	...	26	...	757	13	17	1
1908	238	2	...	279	8	4	75	2	1	82	2	2	26	...	757	20	13	...
Averages of Years 1899 to 1908.	240.4	3.5	3.1	290.4	7.6	4.4	72	1.1	2	83.4	1.9	1.1	22.2	...	782	16.6	13.2	1.2
1909	238	7	5	279	6	3	75	2	1	82	1	...	26	...	757	8	11	...

Year.	Weston-by- Welland 19			Wibbarston 20			Pipewell 21		
	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.	Population est- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.
1899	177	3	3	430	11	5	...	...	...
1900	177	3	2	430	11	7	1	...	...
1901	155	2	2	448	8	7	...	...	...
1902	155	1	4	448	11	13	3	...	...
1903	155	1	...	448	6	4	...	...	...
1904	155	2	3	448	9	13	2	...	...
1905	155	5	1	448	15	8	1	...	...
1906	155	...	2	448	7	3	1	...	...
1907	155	6	2	448	8	4	...	...	...
1908	155	5	8	448	9	4	...	...	...
Averages of Years 1899 to 1908.	159.4	2.9	2.7	444.4	9.5	6.8	8	...	...
1909	155	2	2	448	16	5	1	...	...

TABLE III.—Cases of Infectious Disease notified during the Year 1909.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.							NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY		
	At all Ages.	At Ages—Years.						1	2	3	4	5	6	7	1	2	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards	Clipston	Weston	Sutton	Marston	Dingley	Sibbertoft	Total cases removed to Hospital.			
Small-pox	Nil.
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) ...	3	...	...	2	1	...	1	2	...	...	...	...	...	...	...	...
Erysipelas ...	3	...	...	...	2	1	1	1	1	...	...	...	...	...	...	...
Scarlet Fever...	16	...	4	11	1	...	...	...	...	15	1	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	23	...	4	11	4	3	1	2	3	1	15	1	1	..	..	Nil.

No Isolation Hospital.

TABLE V.—Infantile Mortality during the Year 1909.

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	...	1	..	..	..	1	..	1	..	..	1	..	..	1	..	1	..	5
	Uncertified	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Common Infectious Diseases	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diphtheria (including Membranous Croup)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoeal Diseases	Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diarrhoea, all form	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1
Wasting Diseases	Enteritis, Muco-Enteritis, Gastro-Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Gastritis, Gastro-intestinal Catarrh	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Diseases	Congenital Defects	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	Injury at Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Want of Breast Milk, starvation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Atrophy, Debility, Marasmus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous Peritonitis: Tubes Mesenterica	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	Syphilis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Rickets	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Convulsions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Bronchitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Pneumonia	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	3
Suffocation, overlaying	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			1	..	..	..	1	..	1	..	..	1	..	..	1	..	1	..	5

Births in the year—legitimate 79, illegitimate 1.

Deaths in the year of legitimate infants 5, illegitimate ...

Population, estimated to middle of 1909, 4,202.

Deaths from all causes at all ages, 54.

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 **6.**
Workplaces (other than outworkers' premises included in part 3 of this report) No. of inspections **1.**

TOTAL .. **7.**

2.—DEFECTS FOUND.

Nuisance ..	1
Remedied ..	1

3.—HOMEWORK.

Outworkers' Lists, Section 107—

Lists received from Employers twice in a year ..			Wearing Apparel, making, &c.
	2	45	Outworkers. Workmen.
		23	
Addresses of Outworkers received from other Councils ..			4
Inspections of Outworkers' Premises ..			68

4.—REGISTERED WORKSHOPS

Bakehouses 10, Carpenters 5, Laundry 1, Dressmaker 1.
 Total number on Register, **17.**

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OXENDON RURAL DISTRICT COUNCIL.

SANITARY INSPECTOR'S AND SURVEYOR'S REPORT FOR 1909.

PARISH.	Defective Drains.	Defective Closets.	Accumulation of Manure, etc.	Sewer Improvements.	Sewer Tanks Cleaned.	Sewer Outfalls Cleaned.	Overcrowding.	Ventilation of Drains & Sewers.	Slaughter Houses.	Bakehouses.	Machinery and Cowsheds.	Factory (Outworkers).	Lions.	Bull.	REMARKS.
Arthingworth	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ashley	..	..	..	1 monthly	..	..	..	..	..	1	..	..	..	..
Braampton	..	..	..	Private	..	..	..	..	..	..	..	..	..	..
Braybrooke	2	..	..	..	..	..	..	..	..	1	2	..	..	..
Clipston	4	..	..	2 quartly	..	..	..	3	3	2	..	..	..	..
Dingley	1	..	..	Private	..	..	..	..	..	..	..	..	..	..
East Farndon	2	..	1	quartly	..	..	..	..	..	1	1	..	..	..
Kelmarsh	..	..	..	Private	..	..	..	..	..	..	..	..	..	..
Marston Trussell	..	..	2	monthly	..	..	..	..	..	..	1	..	..	..
Hothorpe	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oxendon	2	..	..	quartly	..	..	..	..	..	..	..	..	..	..
Sibbertoft	..	..	..	1 monthly	..	..	..	..	..	1	..	..	..	..
Sulby	1	..	..	monthly	..	..	..	..	..	..	..	..	..	..
Stoke Albany	6	..	..	quartly	..	..	1	..	1	1	..	..	..	1	
Sutton Bassett	..	..	..	quartly	..	..	..	..	..	..	..	..	..	..
ThorpeLubenham	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Weston	1	..	..	quartly	..	..	..	..	..	1	..	..	..	..
Willbarston	1	2	..	quartly	..	..	1	..	2	2	..	..	..	..
Welford	2	2	..	monthly	..	..	..	1	2	3	4	..	..	..
TOTAL	22	4	3	4			2	4	8	14	8	34	34	1	

Cleaned as found necessary.

Ashley.—New sewer chamber and filter have been built, and the outfall taken to lower part of the brook.

Clipston.—The water supply to the centre of the village has been increased by lowering the well by Rectory, 10 feet deeper and 2 feet wider. Two additional ventilating shafts have been fixed to the sewers.

Farndon.—The artesian well has been thoroughly cleaned out.

Sibbertoft.—The old sewer tanks have been abolished, sewer outfall taken away from the village to new sewer chambers and filters.

Sulby.—Further sewer works have been executed, including proper filters.

Stoke Albany.—It is proposed to improve the central portion of this sewer in the early spring.

The whole District has been personally inspected by me during the year. Nuisances found have been remedied. Infectious cases been frequently visited, and properly disinfected. The Council's Disinfectant has been used. Drains and sewers are flushed and disinfected as found necessary. Three Cowhouses have had improved drainage carried out. Outworkers' premises and Bakehouses and Slaughterhouses are in good condition.

The Water Supply of Stoke was very low early in the year, but has regained its normal quantity. Public wells have had constant attention, the supply of water being equal to the demand.

W. J. SMITH,
Sanitary Inspector and Surveyor.
January 27th, 1910.

