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# ANNUAL REPORT

UPON THE

Public Health and Sanitary Condition

OF THE

## RIGCALL RURAL DISTRICT

FOR THE YEAR 1906,

BY

BERNARD STEDMAN,

M.D. (Lond.), D.P.H. (Camb.),

MEDICAL OFFICER OF HEALTH.

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❧ **RICCALL** ❧

RURAL DISTRICT COUNCIL.

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❧ **ANNUAL REPORT** ❧

UPON THE

**Public Health and Sanitary Condition for 1906.**

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GENTLEMEN,

I have pleasure in submitting to you my Annual Report upon the Public Health and Sanitary Condition of your district for the year 1906.

BIRTHS.

Seventy-nine births were registered, giving a birth rate of 24·7. This is the lowest rate since 1900, and is three per thousand below the average.

The birth rate for the Rural Districts of England and Wales in 1906 was 26·3.

DEATHS AND DEATH RATE.

Thirty-eight deaths occurred in the district, and four persons belonging to the district died in Public Institutions outside. The death rate is 13·1, which is 2·6 below the average rate for the last ten years, and two per thousand below that of the Rural Districts of England and Wales in 1906.

Nine of the deaths were children under one year of age, which gives an infantile mortality (rate per thousand births) well below the average.

Of the deaths from ordinary infectious diseases two were in one family from diphtheria and one from typhoid fever.

No deaths of infants occurred from diarrhoea, measles, or whooping cough.

Five deaths were registered from consumption.

### INFECTIOUS DISEASES.

Three cases of scarlet fever occurred in a house at Riccall in January. In August one was notified at South Duffield, and the following month one at North Duffield. These were all isolated at home.

In November three children were reported from a house in Riccall and removed to Hospital. A week later two cases occurred at another house in the village. These were probably infected from one of the former children, as they had been playing together.

A case of typhoid fever occurred in a child at Barlby in June and proved fatal. A month later another child in the same house was notified, doubtless having contracted the complaint from the first case.

In July a young man was notified at North Duffield and removed to Hospital. The illness in this case was slight, and the examination of the blood gave a negative result.

### DIPHTHERIA.

Four cases were reported in Barlby Parish during the summer, three of which were removed to Hospital. All these children probably got the complaint from Selby, where they attended school; the disease being prevalent in the town at that time.

Early in October a case occurred at Kelfield, but was not attended by a medical man, and so escaped notification. On the 22nd an inquest was held upon a child who had died in the same house, and the cause of death found to be diphtheria. The following day, with a medical practitioner, I visited the house, and found two children and a young man ill in addition to the first case (a girl), who was now suffering from diphtheritic paralysis.

This girl and the two children were taken to Hospital, the man being too ill to remove. Three days later the mother commenced and was removed to Hospital with her son.

There has been no epidemic of measles or whooping cough, nor has any death from these diseases been recorded during the year.

### PHTHISIS OR CONSUMPTION.

Five deaths have occurred.

Patients suffering from the disease in an early stage are now admitted into the consumptive block at the Selby Isolation Hospital for a period not exceeding six weeks. By this means they not only gain the advantage of Hospital treatment but are taught to live in such a manner as to reduce to a minimum the danger of infection to those around them.

All spitting, except into spittoons or handkerchiefs, is strictly forbidden in Hospital.

The treatment consists of (1) abundance of fresh air, (2) plenty of good plain food, and (3) rest.

All these could be obtained in an ordinary dwelling house if a person had the necessary means.

Unfortunately many patients are apt to fall back after a time at home. It is, however, hoped that the other inmates of the house will have greater security from infection, and thus justify the Hospital expenditure.

I should add that these patients are kept in Hospital free of charge.

### ISOLATION HOSPITAL.

Early in the year an arrangement was made with the Selby Isolation Hospital Committee for admission of cases from this district. In August arrangements were made to admit cases of phthisis.

The total number of patients removed to Hospital has been thirteen—eight being diphtheria, three scarlet fever, one typhoid, and one phthisis.

One hundred and thirty yards of new sewer were laid at Riccall for the drainage of five houses.

At North Duffield 160 yards were laid for two houses, the sewage from which had been the cause of nuisance for several years.

Owing to a large quantity of hot water being discharged into the sewer on Barlby road complaints were made of the smell from open manholes, especially those near the houses. A ventilating column has been erected and four manhole covers closed.

There are twelve registered cow keepers in the district, half of them being in Barlby Parish. Two send their milk out of the district, the others retailing it in small quantities to their neighbours.

The sheds generally are very fair and kept in good condition.

Six slaughter houses are in use. They have been inspected regularly and found in a clean and wholesome condition.

There are no work shops or work places in the district and no known outworkers. Two of the factories have recently been served with notice to provide sufficient sanitary conveniences.

Details of the sanitary work carried out is given in the Inspector's Report.

I am, Gentlemen,

Your Obedient Servant,

**BERNARD STEDMAN,**

M.D. (London), D.P.H. (Camb).

RICCALL RURAL DISTRICT COUNCIL.

**INSPECTOR'S REPORT**

FOR THE YEAR ENDING DECEMBER 31st, 1906.

Number of Inspections made	...	...	...	...	...	210
Number of Nuisances found	...	...	...	...	...	77
Number of Notices served	...	...	...	...	...	10
New Sanitary Drains laid by Private Owners	...	...	...	...	...	182 yds.
Old Sanitary Drains re-laid by Private Owners	...	...	...	...	...	58 "
Water Courses cleansed by Private Owners	...	...	...	...	...	588 "
New Sewers laid by Sanitary Authority	...	...	...	...	...	299 "
Old Sewers re-laid by Sanitary Authority	...	...	...	...	...	45 "
Water Courses cleansed by Sanitary Authority	...	...	...	...	...	1356 "
New Brick Wells	...	...	...	...	...	1
New Tubes and Bored Wells	...	...	...	...	...	1
Old Wells cleansed	...	...	...	...	...	7
New Pumps	...	...	...	...	...	4
Pumps repaired	...	...	...	...	...	5
New Privies and Ashpits built	...	...	...	...	...	8
Old Privies and Ashpits repaired	...	...	...	...	...	5
Privies removed from houses	...	...	...	...	...	4
Privies converted into Box Closets	...	...	...	...	...	2
New Urinals to Licensed Houses and Schools	...	...	...	...	...	2
Cesspools cleansed by District Council	...	...	...	...	...	162
Cesspools cleansed by Private Owners	...	...	...	...	...	75
New Cesspools built	...	...	...	...	...	13
New Gullies	...	...	...	...	...	20
Gullies cleansed	...	...	...	...	...	95
Pigstyes removed from houses	...	...	...	...	...	5
Rooms Disinfected after Zymotic Diseases	...	...	...	...	...	12
Plans for New Houses and Buildings passed	...	...	...	...	...	9
Inspections of New Buildings	...	...	...	...	...	23
Number of Slaughter Houses	...	...	...	...	...	6
Inspections of Slaughter Houses	...	...	...	...	...	12
Canal Boats inspected	...	...	...	...	...	8
Cow Sheds inspected	...	...	...	...	...	28

A. DOUGLAS,

Sanitary Inspector.



TABLE I.  
Vital Statistics of whole District during 1906 and previous years. Name of District, RICCALL RURAL.

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 in District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
	Number.	Rate.*	Under 1 year of age.		At all ages.		Number.				Rate.*	
			Number.	Rate per 1000 Births registered.	Number.	Rate.*						
1896	3126	28.7	12	133	55	17.5	...	1	56	17.8		
1897	3126	26.0	13	160	44	14.0	...	1	45	15.0		
1898	3184	26.6	17	188	62	19.4	...	2	61	19.3		
1899	3000	29.0	10	115	42	14.0	...	...	47	15.7		
1900	3160	22.4	11	155	50	15.8	...	2	52	16.4		
1901	3100	30.0	11	118	50	16.0	...	...	52	16.6		
1902	3100	24.8	11	143	48	15.5	...	...	51	16.4		
1903	3100	27.4	5	59	36	11.6	...	...	37	11.9		
1904	3100	29.0	11	122	45	14.5	...	...	47	15.2		
1905	3200	34.6	7	63	39	12.2	...	...	40	12.5		
Averages for years 1896-1905	3120	27.9	11	126	47	15.1	...	...	49	15.7		
1906	3200	24.7	9	114	38	11.9	...	...	42	13.1		

\* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water.) 18,073.

Total population at all ages 3100  
 Number of inhabited houses 734  
 Average number of persons per house 4.2  
 At Census of 1901.

TABLE III.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING  
THE YEAR 1906.—RICCALL RURAL DISTRICT.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						No. OF CASES REMOVED TO HOSPIT'L FROM EACH LOCALITY
	At all Ages.	AT AGES—YEARS.					
		Under 1 to 5. 1.	5 to 15.	15 to 25.	25 to 65.	65 and up- wards	
Small-pox ... ..							
Cholera ... ..							
Diphtheria ... ..	9	...	6	2	1	...	8
Membranous Croup							
Erysipelas ... ..	1	...	...	...	...	1	
Scarlet Fever ... ..	10	...	7	...	...	...	3
Typhus Fever ... ..							
Enteric Fever ... ..	3	...	2	1	...	...	1
Relapsing Fever ... ..							
Continued Fever ... ..							
Puerperal Fever ... ..							
Plague ... ..							
Totals ... ..	23	3	15	3	1	1	12

Isolation Hospital—Selby Urban and Rural Joint Isolation Hospital at Selby.

TABLE IV.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1906  
Name of District, RICCALL RURAL.

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" 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.
Small-pox ... ..	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...
Scarlet fever ... ..	...	...	...	...	...	...	...
Whooping-cough ... ..	...	...	...	...	...	...	...
Diphtheria and Membranous Croup } ...	2	...	...	2	...	...	...
Croup ... ..	...	...	...	...	...	...	...
Fever { Typhus ... ..	...	...	...	...	...	...	...
{ Enteric ... ..	1	...	...	1	...	...	...
{ Other continued ... ..	...	...	...	...	...	...	...
Epidemic Influenza ... ..	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...
Diarrhœa ... ..	...	...	...	...	...	...	...
Enteritis ... ..	...	...	...	...	...	...	...
Puerperal Fever... ..	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...
Other Septic Diseases ... ..	1	...	1	...	...	...	...
Phthisis (Pulmonary Tuberculosis) } ...	5	...	...	1	2	1	1
Other Tubercular Diseases ... ..	...	...	...	...	...	...	...
Cancer, Malignant Disease ... ..	3	...	...	...	...	2	1
Bronchitis ... ..	2	...	...	...	...	...	2
Pneumonia ... ..	4	...	...	...	...	4	...
Pleurisy ... ..	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs } ...	...	...	...	...	...	...	...
Alcoholism ... ..	...	...	...	...	...	...	...
Cirrhosis of Liver ... ..	1	...	...	...	...	...	1
Venerical Diseases ... ..	...	...	...	...	...	...	...
Premature Birth... ..	...	...	...	...	...	...	...
Diseases and Accidents of Parturition } ...	...	...	...	...	...	...	...
Heart Diseases ... ..	3	...	...	...	...	1	2
Accidents ... ..	...	...	...	...	...	...	...
Suicides ... ..	1	...	...	...	...	1	...
All other causes ... ..	19	9	2	...	...	3	5
All causes ... ..	42	9	3	4	2	12	12

In recording the facts under the various headings of Tables I., III., and IV., attention has been given to the notes on the Tables.

BERNARD STEDMAN, *Medical Officer of Health.*

TABLE V.—RICCALL RURAL DISTRICT.  
 INFANTILE MORTALITY DURING THE YEAR 1906.  
 Deaths from stated Causes in Weeks & Months under One Year of Age.

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 ...	3		1	4				2				1			
	Uncertified ...							1						1				2
Common Infectious Diseases.	Small Pox ...																	
	Chicken-pox ...																	
	Measles ...																	
	Scarlet Fever ...																	
	Diphtheria: Croup ...																	
Diarrhoeal Diseases.	Whooping Cough ...																	
	Diarrhoea, all forms ...																	
	Enteritis, Muco-enteritis } Gastro-enteritis }																	
	Gastritis, Gastro-intestinal Catarrh }																	
Wasting Diseases.	Premature Birth ...																	
	Congenital Defects ...	1			1													1
	Injury at Birth ...																	
	Want of Breast-milk starvation ...												1					1
Tuberculous Diseases.	Atrophy, Debility, Marasmus }	1		1	2		1		1									4
	Tuberculous Men'gitis ...																	
	Tuberculous Peritonitis: Tabes Mesenterica ... }																	
Other Causes.	Other Tuberculous Diseases }																	
	Erysipelas ...																	
	Syphilis ...																	
	Rickets ...																	
	Meningitis (not Tuberculous) }																	
	Convulsions ...	1			1				1				1					3
	Bronchitis ...																	
	Laryngitis ...																	
	Pneumonia ...																	
Suffocation, overlaying Other Causes ...																		
		3		1	4		1		2			1	1					9

District of Riccall Rural. Population (estimated to the middle of 1906), 3,200. Births in the year:—legitimate, 77; illegitimate, 2. Deaths in the year of legitimate infants, 9; illegitimate infants, 0. Deaths from all causes at all ages, 42.

