#### Contributors

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# ANNUAL REPORT

#### UPON THE

Public Health and Sanitary Condition

#### OF THE

## SELBY RURAL DISTRICT

#### FOR THE YEAR 1905,

#### ΒY

BERNARD STEDMAN,

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

MEDICAL OFFICER OF HEALTH.

Selby :

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## SELBY KO.

## RURAL DISTRICT COUNCIL.

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## \* ANNUAL REPORT &

#### UPON THE

## Public Health and Sanitary Condition for 1905.

GENTLEMEN,

I have pleasure in submitting to you my Annual Report upon the Public Health and Sanitary Condition of your District for the year 1905.

#### BIRTHS.

155 Births have been registered, giving a birth rate of 26.7 per thousand. This is about the average for this district, and is slightly higher than that for the Rural Districts of England and Wales, which this year was 26.3. The birth rate for the whole of England and Wales being 27.2.

In the Selby Rural Sub-District the rate was 27.5, and for the Carlton Sub-District 25.4.

#### DEATHS.

83 Deaths have occurred in the district, one of these being a patient from Leeds, in the Gateforth Sanatorium. 7 persons belonging to the district have died in public institutions elsewhere. The death rate is 15'3 per thousand. This is 1 below the average for the last ten years, but is slightly higher than that of the Rural Districts of the whole country for this year. 15 deaths occurred in children under 1 year of age. With one exception this is the lowest number for the past ten years, and gives an infantile mortality (that is rate per thousand births registered) of 97. This is partly due to the freedom of this district from epidemics of either measles or whooping cough.

The death rate in the Selby Rural Sub-District was 17.5; whereas in the Carlton District it was only 12 per thousand.

From Epidemic Diseases 11 deaths have occurred, giving a rate of 1.9. This is largely due to the deaths from Scarlet Fever during the epidemic at Wistow.

#### INFECTIOUS DISEASES.

With the exception of Scarlet Fever cases the District has been remarkably free from infectious disease during the year. The total number reported was 59, and of these 50 were Scarlet Fever. I case of Diphtheria was notified from Wistow in January, it was the last of a series in this village which commenced in the latter part of 1904.

#### TYPHOID FEVER.

3 cases have occurred (all in children) at Cawood. There appears to have been no connection between the cases. The isolation was satisfactory, and with the exception of the drinking water supply, which was obtained from the river Ouse, the sanitary arrangements were fairly good.

In this village cases of Typhoid recur year after year, and, as mentioned in previous reports, I attribute some of them to drinking the river water, which forms the supply for most of the houses.

#### SMALL-POX.

A case was notified at Wistow in March, the patient, a farm labourer, came from Doncaster (where he contracted the disease) a week before the illness commenced. He lived alone, at Wistow, in a small cottage. As soon as the nature of the complaint was recognised he was removed to the Sherburn Hospital, but he succumbed.

All persons at Wistow who were known to have come in contact with the patient were revaccinated and infected articles destroyed.

#### SCARLET FEVER.

50 cases have been recorded, of which 32 occurred at Wistow, in the early part of the year. The first was notified on January 18th. On the 25th, as the disease appeared to be spreading rapidly, I recommended closure of the school until February 27th.

These cases all occurred in 13 houses, one having as many as 7 cases, and another 5 patients.

The type of disease was exceptionally severe, 5 cases proving fatal. Unfortunately the hospital was not ready for occupation, so all the patients had to be treated at home, where the isolation in many cases was practically nil, consequently the disease affected most of the household.

The remaining Scarlet Fever cases have occurred in various parts of the district, six being from two houses in Burn, four of which were removed to hospital.

#### ISOLATION HOSPITAL.

The Selby Urban and Rural Joint Isolation Hospital was ready for the reception of patients in November. It consists of an administrative, two ward blocks, and the laundry block. The administrative block contains kitchen, scullery, store room, 2 nurses' sitting rooms, doctor's room, and 7 bedrooms.

The Isolation block consists of 2 wards, each to hold 2 beds; and a nurse's kitchen.

In the Pavilion block are 2 wards, to hold 6 and 4 beds respectively; and 2 private wards, each with a single bed; there is also a nurse's kitchen.

The Laundry block, in addition to the wash-house, contains an ambulance shed, disinfector, engine house, coal house, and mortuary.

The water supply is from a bore-hole 130 feet deep into the red sandstone. It is pumped by an oil engine into tanks over the engine house. There is also a soft water tank to supply the washhouse.

The sewage is treated in a septic tank, and from the effluent chamber pumped by a wind engine on to the adjoining land.

A telephone has been laid from the hospital to Selby.

Ten cases have already been admitted, 5 being from the Urban, and 5 from the Rural District, all being Scarlet Fever.

#### SANITATION.

At Hambleton 300 yards of new sewer have been laid. The greater portion of this was to take the place of an old rubble drain which ran under one or more houses. The new sewer has been laid under the road. Extensions of existing sewers have been made at Drax and Wistow.

At Burn a diversion of sewer has been necessary in order to convey the drainage from five houses into the main sewer. The sewer from these houses previously discharged into an open ditch near the road and caused a nuisance in hot weather.

The sewer in Barlow village has been extended for 120 yards. I reported upon the unsatisfactory condition of the drainage of the upper end of Cawood. The sewer, which is an open one, has an uneven gradient, and is generally full of sewage, which in hot weather is most offensive. A plan for redraining this part of the part of the village has been prepared, but at the request of the Parish Council the work was postponed until the present year.

The scavenging in the various villages is left to the householders, and on the whole is satisfactorily carried out. Almost all the houses have privies and covered ashpits.

The water supply in several villages, especially Cawood, is bad. Most of the inhabitants drink unfiltered water from the Ouse. Several bored wells have been made in the village, but the water obtained from them is not satisfactory. More use may be made of rain water for drinking purposes. The water collected from the roofs after passing through a sand filter is quite clear and loses its sooty taste.

I have analysed ten samples of drinking water during the year, all of which were found to be unsatisfactory.

One workshop only is on the register, a carpenter's shop at Cawood.

The factories have been inspected and are in a satisfactory condition.

There are no outworkers.

Details of various sanitary improvements will be seen in the Inspector's report.

I am, Gentlemen,

Your obedient Servant,

#### BERNARD STEDMAN,

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

Medical Officer of Health.

### SANITARY WORK CARRIED OUT DURING YEAR ENDED DECEMBER, 1905.

+>+	<+				
Inspections made					2491
Notices served, Nuisances					97
Notices served, Water Supply					5
New Brick Wells					I
NT TO 1 111 11					I
					I
New Sewers laid by District Coun					736
Old Pipe Sewers Cleansed Do.				yards	
Old Drains Cleansed and Relayed				yards	
New Drains laid by Owners				yards	
Open Sewers and Drains Cleanse			t Cou	ncil	
				yards	36580
Pipe Sewers Cleansed by District	Cound	cil		yards	1098
Old Privies demolished					6
Privies removed from houses					12
Old Privies repaired					31
New Privies and Covered Ashpits	built				35
Sinks disconnected from drain					7
New Cesspools put down					8
Cesspools cleansed by District Cou	ncil, ea	ach 4 t	imes a	a year	141
New Gullies fixed					31
Buildings unfit for habitation close	ed				I
Rooms disinfected after infectious					57
Canal Boats inspected					43
Inspections of Workshops					19
Inspections of New Buildings and	old un	nder re	pairs		129
Number of Slaughter Houses					II
Inspections of Slaughter Houses					42
Dairies and Cowsheds registered					22
Inspections to Dairies and Cows	heds r	egister	ed an	d un-	
registered					221
Smoke observations made					29
Old Wells cleansed					II
Samples of Water sent to Medical					IO
Pumps repaired					17
Plans for New Buildings					5
New Urinals to Licensed Houses					3
Vours Ober	liently				

Yours Obediently,

### THOMAS BRAITHWAITE,

Sanitary Inspector.

TABLE I.

Name of District, SELBY RURAL. Vital Statistics of whole District during 1905 and previous years.

Nett Deaths at all Acces beloncing to	the District.	ber. Rate.*	3 18-0	14-2	8 13.1	14-0	14.1	20.3	15.6	17.0	17-9	17-2	3 16-2	
		c Number.	108	85	78	88	85	122	91	66	104	100	96	
-	Residents registered	in Public Institu- tions be- yond the District.	5	1	61	2	5	5	5	21	9	1-		
Deaths of	Non- residents	registered in Public Institu- tions in District.	:	. :	2	5	67		:	:	:	:	:	And in case of the local division of the loc
Total	Deaths	Institu- tions in the District.	5	1	5	5	5	5	:	:	:	:	61	Statement and an other statement and
District.	At all ages.	Rate.*	17-2	14.1	13.1	13.4	13.6	19-5	14.7	16.7	16.9	16.0	15.6	The second secon
ered in the	At all	Number.	103	84	78	80	82	117	86	16	98	93	92	
Total Deaths Registered in the District.	nder 1 year of age.	Rate per 1000 Births registered.	126	74	120	152	186	134	118	106	119	112	121	
Total De	Under 1 ye	Number.	20	12	19	24	30	20	17	16	19	18	19	NAMES AND ADDRESS OF TAXABLE PARTY OF TA
511.		Rate.*	27.8	27-0	26.7	26.5	26.8	24.6	24.7	26.0	27-4	27.6	26.6	NAME OF A DESCRIPTION O
Вивтия		Number.	166	161	159	158	161	149	144	151	159	160	157	
•	Popula- tion	estimated to Middle of each year.	5950	5950	5950	5950	6000	6000	5822	5810	5800	5800	5903	
		YEAR.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	Averages for years 1895-1904	

Area of District in acres (exclusive of area covered by water).) 32,922.

Total population at all ages Number of inhabited houses Average number of persons per house

58221342 4.3 At Census of 1901.

9

## TABLE II.

## Vital Statistics of separate Localities in 1905 and previous years. Name of District, SELBY RURAL.

NAMES OF LOCALITIES.	SI	ELBY	RURA	L.	CARLTON.									
YEAR.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.						
1895	3689	101	63	13	2261	65	40	7						
1896	3689	95	45	7	2261	66	39	5						
1897	3689	101	48	11	2261	58	30	8						
1898	3689	94	52	17	2261	64	28	7						
1899	3776	107	59	22	2224	54	23	8						
1900	3776	89	73	13	2224	60	53	7						
1901	3617	91	66	14	2205	53	25	3						
1902	3610	92	59	9	2200	59	40	7						
1903	3600	95	- 59	11	2200	64	45	8						
1904	3600	101	67	12	2200	59	33	6						
Averages of Years 1895 to 1904	3673	97	60	13	2230	60	36	6						
1905	3600	99	63	12	2200	56	26	3						

TABLE III.-CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1905. SELBY RURAL DISTRICT.

		T QIQVO	OTIFIE	N NI (I	HOLE I	CASES NOTIFIED IN WHOLE DISTRICT.		NOTIFIED IN EACH LOCALITY	NOTIFIED IN EACH JOCALITY.	HOSPITAL FROM EACH LOCALITY.	EACH LTY.
Notifiable Disease.			AT	r Ages-	-YEARS.	's		lsu		Isu	
	At all Ages.	$\begin{bmatrix} Under \\ 1 \end{bmatrix}$ 1 to 5.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and up- wards	Selby R	Carlton.	selby Ru	Carlton.
Small-pox	1			1		1		1			
Cholera											
Diphtheria	1		1					1			
Membranous Croup											
Erysipelas	4					4		3	1		
Scarlet Fever	50	1	15	30	1	3		45	5	5	
Typhus Fever											
Enteric Fever	~		1	2				00			
Relapsing Fever											
Continued Fever											
Puerperal Fever											
Plague											
Totals	59	1	17	32	1	8		53	6	20	

CAUSES OF DEATH.         Deaths at the subjoined Ages of "Residents". WHETHER OCCURRING IN OR BEYOND THE DISTRICT.         Deaths in or BELONDING IN OR BEYOND THE DISTRICT.           CAUSES OF DEATH.	TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE D'TRICT
CAUSES OF DEATH.       ''o'       'o'       'o' <td>DEATHS IN TIONS IN TH</td>	DEATHS IN TIONS IN TH
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	DEATHS
Measles        1        1         1       1        1       1        1       1        1       1        1       1        1       1        1       1        1       1       1       1       1       1       1 <td>TOTAL</td>	TOTAL
Measles        1        1          1         1       1	
Scarlet fever $6$ $3$ $2$ $1$ $6$ $1$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Membranous Croup $\}$ $3$ $\dots$ $1$ $1$ $\dots$ $1$ $\dots$ $2$ $1$ Croup $\dots$	
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Other Septic Diseases        1         1        1        1       1        1       1        1       1        1       1        1       1        1       1        1       1        1       1        1       1        1       1        1        1       1 <td></td>	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-
Cancer, Malignant          13           8         5         7         6	
Disease	
Bronchitis 8 1 2 2 3 4 4	
Pleurisy	
Other Diseases of Beaningtony Organia (	
Respiratory Organs)	
Alcoholism	
Cirrhosis of Liver )	
Venereal Diseases	
Premature Birth 3 3 2 1	
Diseases and Accidents }	1
of Parturition)	
Heart Diseases 7 2 5 5 2	
Accidents 1 1 1	
Suicides	
All other causes 33 7 3 1 5 17 27 6	
All causes 89 15 11 4 3 25 31 63 26	1

### TABLE IV.- CAUSES OF, AND AGES AT, DEATH DURING YEAR 1905. Name of District, SELBY RURAL.

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

BERNARD STEDMAN, Medical Officer of Health.

## TABLE V.—SELBY RURAL DISTRICT. INFANTILE MORTALITY DURING THE YEAR 1905. 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.
	Certified Uncertified	3	2	2	1	8		3	1	 	1	2			 			15
on ous es.	Small Pox Chicken-pox							 										
Common Infectious Diseases.	Measles Scarlet Fever Diphtheria: Croup		····					··· ···		••••	••••				··· ····	···· ····		
	(Whooping Cough (Diarrhœa, all forms Enteritis				1	1		 1										1
Diarrhead Diseases.	(not Tuberculous) ) Gastritis, Gastro- intestinal Catarrh )							····										
ing ses.		2		1		3				 				 	••••			3
Wasting Diseases.	Want of Breast-milk Atrophy, Debility, Marasmus		2			4			1									6
lous es.	Tuberculous Men'gitis Tuberculous Peri-		,															
Tuberculous Diseases.	tonitis : Tabes Mesenterica ) Other Tuberculous																	
F	Diseases ) Erysipelas Syphilis																	
	Rickets Meningitis (not Tuberculous)	••••	••••			••••												
	Convulsions Bronchitis											1 1						1 1
	Laryngitis Pneumonia Suffocation, overlaying		••••			••••	···· ···	2										2
	Other Causes	 3	2	2	1	8		3	1		1	2						15

District (or sub-division) of Selby Rural. Population (estimated to the middle of 1905), 5,800. Births in the year:—legitimate, 145; illegitmate, 10.





