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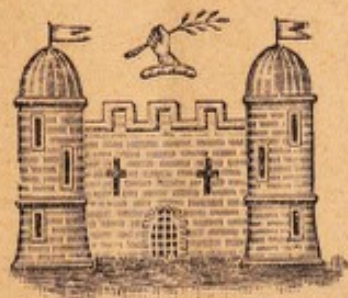
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KNARESBOROUGH
RURAL DISTRICT COUNCIL.



MEDICAL OFFICER'S
ANNUAL REPORT,

FOR THE
YEAR ENDED DECEMBER 31ST, 1907.

Knareborough:
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1908.



KNARESBOROUGH

Rural District Council.

MEDICAL OFFICER'S ANNUAL REPORT

For the Year ended December 31st, 1907.

*To the Chairman and Couucillors of the Knaresborough Rural
District Council.*

GENTLEMEN,

I have pleasure in laying before you my Ninth Annual Report as Medical Officer of Health for the Knaresborough Rural District for the year ended December 31st, 1907.

The increase in the population of the district has been **Population.** very small during the year, the number of houses built, viz. 16, being less than one third of that in the previous year. The estimated population of the district up to the middle of the year 1907 was 9,230.

The number of births registered in the district during **Births.** the year was 185, viz., 96 males and 89 females. This is 68 less than the previous year. The annual birth rate is 20 per thousand of the estimated population. In the

previous year the birth rate was 27·9. It is much lower than that for England and Wales for the same period, viz., 26·3 (the lowest on record). I cannot find any record of so low a birth rate for your district. I regret to have to record such unsatisfactory birth statistics.

Deaths.

The number of deaths registered in the district during the year was 106. This is exactly the same as last year. The annual death rate is 11·48 per thousand of the estimated population. The death rate for England and Wales for the same period is 15·0 (the lowest ever recorded).

Deaths under one Year of age

The deaths in children under one year of age were 11 in number. Eight children did not survive one month, so that if we deduct these premature and weakly infants, the infantile mortality from actual disease is very small, even for a rural district. The infantile mortality for the year is 59·4 per thousand births registered. For England and Wales during the same period the mortality in infants was 118, or about double that for your district.

Causes of Death.

Under 25 years of age, the number of deaths was 29; between 25 and 65 the number was 36; and in persons over 65 there were 41 deaths. The principal causes of death were:—Phthisis and other Tubercular Diseases, 14; Heart Diseases, 11; Pneumonia, 9; Cancer, 7; Influenza, 5; and Scarlet Fever, 2. (See Table IV.)

Zymotic Diseases.

Zymotic Diseases caused 3 deaths. This gives a Zymotic death rate of 0·32 per thousand of the estimated population. The Zymotic death rate for England and Wales for the same period was 1·26, or about four times that in your district.

Phthisis and other Tubercular Disease.

Phthisis and other Tubercular Diseases caused 14 deaths. The numbers under this heading in previous years were:—1902, 5; 1903, 9; 1904, 11; 1905, 14; and 1906, 13. These

numbers are not so satisfactory as I would like. I hope, however, by the more rigid inspection of meat and milk supplies now in force in the district, that the number of deaths from these causes will be much less. And also by adopting the system of voluntary notification of Phthisis I hope we shall be able to prevent the spread of the disease from the sufferers to those who come in contact with them.

The number of deaths due to Cancer was 7. The **Cancer.** death rate from this disease varies very little for your district from year to year.

Only one death from Diarrhœa occurred during the **Diarrhœa.** year. Not a single death had occurred from this cause for over two years previously.

The number of Infectious Diseases notified to me **Infectious Diseases Notified.** during the year was 32. In previous years the numbers were:—1904, 58; 1905, 36; 1906, 51. They were as follows for the year 1907:—Scarlet Fever, 18; Diphtheria, 13; and Erysipelas, 1.

Scarlet Fever occurred in the following places:—Oat- **Scarlet Fever.** lands, 10; Follifoot, 3; South Stainley, 2; Farnham, 1; Forest Moor, 1; and Plompton, 1. There was no general epidemic of the disease, only isolated cases, having no apparent connection with each other, occurring.

The 13 cases of Diphtheria were distributed as fol- **Diphtheria.** lows:—Pannal, 7; Follifoot (Pannal end) 4; Goldsborough, 1; and Bilton, 1. There were two principal outbreaks in two families, one at Pannal Ash (five cases) and one at Follifoot (four cases). There were no deaths from this disease.

There was not a single case of this disease in the **Enteric Fever.** district during the year.

A few cases of Whooping Cough occurred, but they **Whooping Cough.** were of a mild nature.

Measles. Measles broke out in several parts of the district, but by careful isolation of the cases in their own homes the spread of the disease was prevented.

Small Pox. No case of Small Pox occurred during 1907.

Sewage Disposal. The drainage of Pannal is now in hand. Its completion will remedy a vast number of insanitary places. The small schemes for sewage disposal at Kettlesing, Follifoot, Ferrensby, Scotton, and Brearton will, I hope, be proceeded with as soon as Pannal is finished, as they are very much needed. The Pannal end of Follifoot will also require early attention.

Water Supply. The district as a whole (with the exception mentioned below) is well supplied with pure, wholesome water. The villages of Hampsthwaite, Kettlesing, and Scotton require a better supply of water than they have at present.

Slaughter Houses and Meat Inspection. There are 13 Slaughter Houses registered in the district. These are regularly visited and the meat in them inspected. The carcase of a bullock affected with Tuberculosis was found in one Slaughter House. The diseased portions were destroyed. The entire carcasses of two pigs, one affected with Tuberculosis, and one in a semi-putrid condition, were also destroyed.

Cowsheds. There are 72 Cowsheds on the register. The condition of these has been generally satisfactory.

Factories and Workshops The number of Factories and Workshops in the district is 71, viz., Factories (including Factory Laundries), 15; Work places (including Workshop Laundries), 11; Retail Bakehouses, 5; Domestic Workshops, 5; and other Workshops, 35.

Sanitation of Workshops No defect of sanitation of Workshops as regards cleanliness, air space, ventilation, or drainage of wet floors, was found.

There are five Retail Bakehouses in the district. These **Retail
Bakeh'uses** comply with the Act as regards closets, drains, water cisterns of w.c.'s, sleeping places, and limewashing.

There are no Underground Bakehouses in the district. **Und'rgr'nd
Bakeho'ses.**

There is no Home Work in the district within the **Home
Work.** meaning of the Act.

It is pleasing to me to be again able to place before you so satisfactory a Report on your district.

I have the honour, Gentlemen, to remain,

Your obedient Servant,

W. J. FORBES,

Medical Officer of Health.

March 17th, 1908.

TABLE III.

Infectious Diseases notified during 1907.

YEAR.	BIRTHS.			TOTAL DEATHS REGISTERED.				Total Deaths in Public Institutions in the District.	Deaths of Non-Residents in Public Institutions.	Deaths of Residents in public Institutions beyond District.	Net Deaths at all Ages belonging to the District.		NOTIFIABLE DISEASE.	Cases notified in whole District.						No. of cases removed to Hospital.
	No.	Rate per 1000.	Under 1 year.		At all Ages.		No.				Rate.									
			No.	Rate per 1000 Births registered.	No.	Rate per 1000.														
1.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	At all Ages	Un-der 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.			
1897	10000	361	36.1	50	138.5	149	14.90						Small-pox ...	...	...	...	...	...
1898	10500	393	37.4	65	165.4	195	18.57						Cholera .....	...	...	...	...	...
1899	11400	375	32.9	59	157.0	213	18.68						Diphtheria (in-cluding Mem. Group)	13	2	6	4	1		
1900	12000	464	38.6	61	131.4	216	18.00		1	217	18.08		Erysipelas	1	...	1	...	...
1901	7150	202	28.2	30	148.5	119	16.60		1	117	16.30		Scarlet Fever	18	...	5	2	4		
1902	7550	192	25.4	19	99.0	100	13.20		...	100	13.20		Typhus Fever	...	...	...	...	...
1903	8100	183	22.6	12	65.5	89	10.98		...	86	10.60		Enteric Fever	...	...	...	...	...
1904	8130	204	25.1	13	63.7	108	13.28		...	105	12.91		Rel'psing fever	...	...	...	...	...
1905	8655	180	20.9	26	144.4	104	12.01		...	100	11.55		Contin'd Fever	...	...	...	...	...
1906	9062	253	27.9	17	67.1	112	12.35		2	106	11.69		Puerperal fever	...	...	...	...	...
* Aver-ages for years 1897-1906.													Plague .....	..	...	...	...	...
1907	9230	185	20.0	11	59.4	112	12.13	10	9	3	106	11.48	Totals	32	7	13	7	5	16	

Area of District in acres (exclusive of area covered by water)—37,390. Total population at all ages—7,102. Number of inhabited houses—1,488. Average number of persons per house—5. (At census of 1901). Isolation Hospital—Harrogate and Knarborough joint. Institutions outside the District receiving sick and infirm persons from the District—W.R. Lunatic Asylums; Ripon Cottage Hospital.

* The statistics for the years 1897 to 1900 are for the district previous to the Harrogate extension. Those for 1901 to 1903 are for the district previous to the Knarborough extension. Those for 1904 to 1907 are for the district as it now stands. Averages of these would be useless and misleading. H.—Thistle Hill, Knarborough Outer, in District.

TABLE IV.

KNARESBOROUGH RURAL DISTRICT.

Causes of, and Ages at, Death during Year 1907.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Total Deaths in Public Institutions in 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 up-wards	
Scarlet Fever	2	...	1	..	..	1	...	4
Diphtheria (including Membranous Croup).....	...	...	...	...	...	...	...	5
Epidemic Influenza	5	...	...	...	1	2	2	...
Diarrhœa.....	1	1	...	...	...	...	...	...
Enteritis	1	1	...	...	...	...	...	...
Phthisis, (Pulmonary Tuberculosis).....	10	...	...	1	2	7	...	1
Other Tubercular Diseases...	4	...	2	1	...	1	...	...
Cancer, malignant disease ...	7	...	...	...	...	2	5	...
Bronchitis	2	...	1	1	...	...	...	...
Pneumonia	9	2	...	2	1	3	1	...
Alcoholism, cirrhosis of liver	1	...	..	...	...	1	...	...
Premature Birth.....	3	3	...	...	...	...	...	...
Heart Diseases	11	...	...	..	...	7	4	...
Accidents.....	2	...	...	...	...	1	1	...
All other causes.....	48	4	4	1	...	11	28	...
All causes	106	11	8	6	4	36	41	10

TABLE V.

KNARESBOROUGH RURAL DISTRICT.

INFANTILE MORTALITY DURING THE YEAR 1907.

Deaths from stated causes in Weeks and Months under One Year of age.

CAUSE OF DEATH.	Under 1 Week.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 months.	3-4 months.	5-6 Months.	6-10 Months.	10-11 Months.	11-12 Months.	Total deaths under One Year
All Causes.												
Certified	6	1	1	8	2		1					11
Uncertified ..												
Whooping Cough .....	...	...	...	...	1	...	...	...	...	...	...	1
Gastro-enteritis.....	...	...	...	...	...	...	1	...	...	...	...	1
Premature Birth	3	...	...	3	...	...	...	...	...	...	...	3
Congenital Defects	1	1	...	2	...	...	...	...	...	...	...	2
Convulsions	2	...	...	2	...	...	...	...	...	...	...	2
Pneumonia .....	...	...	1	1	1	...	...	...	...	...	...	2
All causes	6	1	1	8	2	...	1	...	...	...	...	11

District of Knaresborough (Rural).—Population (estimated to middle of 1907), 9,230. Deaths from all Causes at all Ages, 106.

TABLE C.—1907.

Medical Officer of Health.—W. J. FORBES, M.B., B.CH., B.A.O.

Sanitary Inspector }
Building Surveyor } —WILLIAM LUPTON.

WATER SUPPLY—

Any development during 1907?—220 yards Pannal Ash.
 780 yards Shaw Lane, Beckwithshaw.

Developments still needed?—Scotton, Hampsthwaite, and
 Kettlesing.

Has public supply been continuous?—Yes.

Any complaint as to action on lead?—No.

SEWERAGE—

Developments during 1907?—Pannal.

Developments still needed?—Kettlesing, Follifoot, Scotton,
 Ferrensby, and Brearton.

SEWAGE DISPOSAL—

Any complaint as to outfall works?—One each at Ripley and
 Killinghall.

SCAVENGING—

Performed by?—Occupiers.

Any inadequacy, and where?—Killinghall.

BY-LAWS—Any adopted or sanctioned during 1907?—Under con-
 sideration for District where none are in force.

ADOPTIVE ACTS—Any steps taken for the consideration, adoption,
 or application of?—No.

REGULATED BUILDINGS, TRADES, &c.—

Slaughter Houses—No. on Register, 13; Total No. of Inspections made, 23; General Condition, Satisfactory; Legal Proceedings, None. Cowsheds—No. on Register, 72; Total No. of Inspections made, 76; General Condition, Satisfactory; Legal Proceedings, None.

COWSHEDS—

Any special inspection made during 1907?—No.
 Are measurements recorded?—Yes.
 Are “Rules for Milkers” still exhibited in all cowsheds?—No.
 Any action taken by outside authorities, *e.g.*, under “Milk
 Clauses,” concerning milk supplied from this district?—No.

INFECTIOUS DISEASE—

What apparatus is available for disinfecting dwellings?—Formalin Lamps and Spray.
 Any placards or handbills issued during 1907?—No.

SCHOOLS—

Any ailment or contagious disease associated particularly with school-life during 1907?—No.
 Any action taken or needed regarding sanitary condition of schools?—No.

MIDWIVES ACT, 1902—

Any information as to the use of abortifacients or other malpractices?—No.

FACTORY AND WORKSHOP ACT—

Factories (including Factory Laundries) — Inspections, 15;
 Written Notices, None.
 Workshops (including Workshop Laundries)—Inspections, 11;
 Written Notices, None.
 Workplaces (other than Outworkers' premises)—Inspections, 10;
 Written Notices, None.
 Defects—None.

DWELLINGS—

Number of Houses built during 1907—19.

General character—Residential and Cottages.

Do the new houses accord with By-Laws?—Yes.

Who sees plans?—Surveyor.

Any occupied houses unfit for habitation?—No.

Any overcrowding of persons in houses?—No.

Any action taken under the Housing of the Working Classes Acts?—No.

Is house to house inspection systematically made?—Yes.

Are records kept?—Yes.

INFANTILE MORTALITY.

What organised effort to control it?—Leaflet presented to parents by Registrar at time of registration of birth.

PREVENTION OF CONSUMPTION—

Any system of notification?—Voluntary notification.

Any Sanitary inspection of Patients' Houses?—Yes.

Any Disinfection of ditto?—Yes.

Any Distribution of Advice?—Leaflet being prepared.

Any Action *re* Spitting?—No.

Any Disinfection of public rooms, vehicles, &c.?—No.

NUISANCES—

Total No. of Nuisances in hand at close of 1906—30. At close of 1907—25. Reported during 1907—118. Abated during 1907—123.

Total No. of Legal Notices served for abatement of Nuisances during 1907—None, by letter.

Total No of Summonses or other Legal Proceedings—None.

No of Sink wastes disconnected during 1907—None. Trapped 6, and all new houses.

No. of Closets newly constructed during 1907—One to each new house. Kinds—w.c.'s where sewers are present.

No. of Closets reconstructed during 1907—7. Kinds—Privies.

No. of House-drains tested—One, and new houses. What method adopted?—Smoke.

WHAT ACTION HAS BEEN TAKEN IN REGARD TO THE FOLLOWING MATTERS?

Seizures of Unsound Food—None. Three carcasses voluntarily destroyed. Prosecutions—None.

Samples under Sale of Food and Drugs Acts—None. Prosecutions—None.

No. of Smoke observations taken—2. Legal Notices—None. Summonses—None.

No of Allotments provided under the Acts or otherwise during 1907—None.

BIRTHS DURING 1907—Males, 96; Females, 89; Total, 185. Number illegitimate, included in above—No information. Number of Still Births (not included)—No information.

DEATHS DURING 1907—(1) Gross Deaths, *i.e.*, Total actually registered in the district, without any correction—112. (2) Nett Deaths, on which the rates are calculated—Males 56; Females, 50; Total, 106. Number uncertified, included in the above—None.

SANITARY REQUIREMENTS OF DISTRICT, AND SUGGESTIONS OF MEDICAL OFFICER OF HEALTH:—See body of Report.

