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GRANTHAM RURAL DISTRICT COUNCIL.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

For the Year 1910.

January, 1911.

CHARLES H. D. ROBBS, M.B.,

Medical Officer of Health.

GRANTHAM RURAL DISTRICT COUNCIL

ANNUAL REPORT

MEDICAL OFFICER OF HEALTH

for the Year 1911.

WALTER H. D. HUGHES, M.B.

January, 1912.

Medical Officer of Health.

GRANTHAM RURAL DISTRICT.

REPORT of the Medical Officer of Health for the Year, 1910.

To the Chairman and Members.

Gentlemen,

In accordance with instructions from the Local Government Board, I have the honour of submitting for your consideration my Fourth Annual Report on the Health and Sanitary Condition of the Rural District together with other information dealing with the administration of the various Acts for the maintenance of Public Health. I submit a brief summary of the vital Statistics before entering into further details.

S U M M A R Y.

Area of Rural District	85,827 acres.
Rateable value	
Population- Census 1901	12426
Population-Estimated 1910	12,540
Birth rate per 1,000	20.75
Death rate per 1,000	10.8
Death rate of Infants under) one year, per 1,000)	92.3
Illegitimate Births	24.

1901 2848

The physical features and character of the district have been dealt with in previous Annual Reports, and the chief occupation of the inhabitants remains practically unaltered from year to year, as would be expected in a district so essentially agricultural. The housing of the working classes varies very much in different parts of the district.

BRISTOL HEALTH DISTRICT

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1910

To the Chairman and Members

In accordance with instructions from the Local Government Board, I have the honor to acknowledge your consideration of the Annual Report on the Health and Sanitary Condition of the Bristol District together with other information dealing with the administration of the various acts for the improvement of Public Health. I would be proud to have at my disposal any further information that you may require.

SUMMARY

25,827	Area of Bristol District
	Rateable value
190,000	Population - Census 1901
18,400	Population - Estimated 1910
20.75	Birth rate per 1,000
10.5	Death rate per 1,000
0.5	Death rate of Infants under 5 years, per 1,000
24	Lighting rate

The physical features and character of the district have been dealt with in previous Annual Reports, and the chief occupations of the district remain practically unaltered from year to year, no special changes being expected in a district so essentially industrial. The housing of the working classes varies very much in different parts of the district.

It was decided during the year to adopt Building By-Laws, with the consent of the Local Government Board. This will doubtless be of benefit to the health of the District, for your Medical Officer has seen on more than one occasion newly erected cottages well built in every way, but quite spoilt, in his opinion, by having pig-styes constructed adjacent to, or even touching, the house walls.

The following buildings have been erected during the year, and visited by your Medical Officer, and found to possess a supply of drinking water satisfying the Local Government Board Regulations:-

Ponton Heath	Two Cottages.
South Stoke	One Cottage.
Woolsthorpe-by-Belvoir.	Two Cottages.
Somerby	Two cottages.
Stoke (Cringle)	Four Cottages.

Mention should here be made of the New Housing and Town Planning Act, which came into force during the year. This Act entails house-to-house visitation of localities by the Medical Officer of Health, and the Officer appointed for that purpose in your district, viz., the Sanitary Inspector, with a view to the abatement of insanitary conditions. Several visits have been made under the provisions of this Act, and a report will be made of the work done at the end of the year 1911.

WATER SUPPLY OF THE DISTRICT.

The chief sources of Water Supply were discussed in the Annual Report for 1908. During the year, several samples

It was decided during the year to adopt building
plans with the consent of the Local Government Board. This
will facilitate the health of the District
for your Medical Officer has seen no more than the ordinary
newly erected houses will in every way, but with
again, in his opinion, to have the same constructed
according to the plan mentioned, the house will

The following buildings have been erected during
the year, and visited by your Medical Officer, and found to
possess a supply of water which satisfies the Local
Government Board requirements.

Name of Building	Address
Two Cottages	London Road
One Cottage	South Street
Two Cottages	North Street
Two Cottages	West Street
Two Cottages	East Street

Attention should have been paid to the new building and
Town Planning Act, which came into force during the year.
This Act entails house-to-house visitation of localities by
the Medical Officer of Health, and the Officer appointed
for that purpose in your District, viz. the Sanitary
Inspector, who a visit to the statement of sanitary
conditions. Several visits have been made under the provisions
of this Act, and a report will be made at the end of the year as
the end of the year 1911.

REPORT ON THE SANITARY

The chief sources of water supply were discussed in
the Annual Report for 1910. During the year, several supplies

of water were analysed, and in only one case was there an unsatisfactory result. The District may on the whole be considered to be well supplied with water, but there are a few villages which are by no means satisfactory in this respect. Of cases of Infectious Disease notified and enquired into during the year, in no case was there reason to suspect the drinking water of being the cause of such disease. A case of severe illness, which, though not notifiable, was almost certainly caused by polluted drinking water, was enquired into, and steps were taken to prevent the water being used.

MILK SUPPLY.

During the year, a considerable number of inspections of Cowsheds and Dairies have been undertaken, and it was found that the Regulations required by the 1907 Order had, on the whole, been well complied with. It is to be noted and to be regretted that, in many villages in your District where cows are kept, it is extremely difficult for the villagers to obtain milk, even in cases of illness. No action has been taken during the year with regard to the sale of milk.

OTHER FOODS.

No unsound food has been detected, nor any action taken during the year.

SEWERAGE AND DRAINAGE.

In your Medical Officer's Report for 1909, mention was made of newly-completed Sewage Works at Barrowby and Hough-on-the-Hill. Experience has shown that these give a satisfactory effluent. No large Scheme has been carried out in

of water was analyzed and in only one case was there an unsatisfactory result. The District may on the whole be considered to be well supplied with water, but there are a few villages which are by no means satisfactory in this respect. Of cases of infectious diseases notified and enquired into during the year, in no case was there reason to suggest the drinking water of being the cause of such disease. A case of enteric fever, which though not notifiable, was almost certainly caused by polluted drinking water, was enquired into, and steps were taken to prevent the water being used.

Water Supply

During the year, a considerable number of inspections of Government and District have been undertaken, and it was found that the requirements specified by the 1907 Order had in the whole been well complied with. It is to be noted and to be remarked that, in some villages in your District where now one had, is an extremely filthy and the villages so filthy, even in cases of illness. No action has been taken during the year with regard to the sale of milk.

Other Work

The Government has been advised, and it is noted that during the year, the following work has been done:

Sanitary and Public Health

In your District, the following work has been done:

was made of newly-constructed latrines, and latrines and houses on the Hill. Expenditure was made that there were a certain sanitary condition. It is noted that there has been carried out in

any parish during this year, but several minor works have been carried out under the supervision of your Sanitary Inspector. During the last four years, the condition of your district with regard to Sewers and house drains has been much improved.

POLLUTION OF RIVERS.

No action has been necessary during the year. The subject of excrement disposal has been described in former Annual Reports.

NUISANCES.

Proceedings taken by the Council in respect of nuisances are described in your Sanitary Inspector's Report.

SCHOOLS.

As in the former year, the Medical Inspection of School Children has been carried out by Dr. A. H. Lowe, the Officer appointed by the County Council for that purpose. Your Medical Officer during the year has frequently consulted with Dr. Lowe with regard to the temporary closure of Schools in the presence of infectious disease, and the new procedure for this purpose has been found to work satisfactorily and smoothly.

INFECTIOUS DISEASES.

The number of cases of Infectious Disease notified during the year is recorded in Table Three. 51 cases were so recorded, consisting of 49 cases of scarlatina and two of Diphtheria. A case of cerebro spinal fever also occurred, but not during the period when owing to a number of cases of this disease in the neighbouring districts it was made notifiable by your Council. No cases of Erysipelas or of Enteric Fever were recorded.

the period during this year, but several other works have been
published and under the supervision of your sanitary inspector.
During the last four years, the condition of your district with
regard to sewers and house drains has been much improved.

REVISION OF BY-LAWS

The action has been necessary during the year. The
subject of sewerage disposal has been discussed in former
annual reports.

SEWERAGE

Proposals were made by the Council in respect of sewerage
and included in your Sanitary Inspector's report.

SEWERS

At the tower war, the National Inspection of Sewers
Division has been visited and by Mr. A. H. Law, the Officer
appointed by the County Council for that purpose. Your Medical
Officer during the year has frequently consulted with the Law
this regard to the temporary closure of sewers in the presence
of infectious disease, and the new procedure for this purpose
has been found to work satisfactorily and smoothly.

INFECTION DISEASES

The number of cases of infectious diseases notified
during the year is recorded in Table Three. 51 cases were so
notified, consisting of 26 cases of scarlet fever and 25 of
diphtheria. A number of other infectious diseases occurred, but
did not exceed the total notified as a number of cases of these
diseases in the Metropolitan districts. It was noted that the
of your Council. The cases of diphtheria in the Metropolitan
were notified.

Scarlatina occurred in an epidemic form in the village of Welby, where 25 cases were recorded between the months of May and October. In this village, occasional isolated cases of this disease had been recorded during former years, without the occurrence of an epidemic, and your Medical Officer hoped this would be the case again, for after the notification of 5 cases early in May, there were no notifications for 17 days, when a fresh batch of 14 cases occurred within the next few days. It is to be feared that gross negligence on the part of the inmates of one of the afflicted houses was in great measure responsible for this, but owing to the difficulty of obtaining reliable evidence on the subject, your Medical Officer was not in a position to recommend action to be taken by the Council.

At the beginning of the year, nine cases were notified in Ancaster and Sudbrook, when the epidemic mentioned in the Annual Report for 1909 came to an end.

The Isolation Hospital, which will accommodate 12 or more patients, was not used during the year, and in the light of the epidemic at Welby, this must be considered a matter of regret. It must be admitted that, where an Isolation Hospital is not regularly used, but only opened in cases of an epidemic, it is most difficult to decide upon the precise moment when it should be utilised.

Of the 49 cases of Scarlatina, two proved fatal from complications following the febrile period, and it is not without interest to note that during your Medical Officer's four years' ~~term~~ tenure of the office, these two are the only fatal cases out of 132 recorded in your district of this disease. This experience is by no means exceptional, and forms a strong contrast to the mortality following Measles, Diphtheria and Whooping Cough. It would seem, therefore, that the "lay" mind might divest

epidemic occurred in an epidemic form in the village
of Welfy, where 20 cases were reported between the months of May
and October. In this village, occasional isolated cases of this
disease had been reported during former years, although the occur-
rence of an epidemic, and your Medical Officer hopes this will
be the case again, for after the notification of 2 cases early
in May, there were no notifications for 17 days, when a fresh
batch of 12 cases occurred within the next few days. It is to
be feared that these notifications on the part of the inmates of
one of the almshouses was in great measure responsible for
this, but owing to the difficulty of obtaining reliable returns
of the inmates, your Medical Officer is unable to give a
definite answer to the question.

At the beginning of the year, five cases were notified
in Hospital and Tubercle, when the epidemic continued in the
Annual Report for 1893 came to an end.
The isolation hospital, when all circumstances is at
hand, and was used during the year, and in the light of
the epidemic at Welfy, this must be considered a matter of regret.
It must be noticed that, where an isolation hospital is not
regularly used, but only opened in cases of an epidemic, it is
most difficult to decide upon the precise amount of isolation
to be effected.

Of the 25 cases of diphtheria, the general fatal term
complications following the toxic period, and it is not without
interest to note that better from Medical Officer's last year's
last terms of the office, there are the only fatal cases
out of 122 recorded in your district of this disease. This
experience is to be noted as exceptional, and there is every con-
fidence in the medical officer's report, and it is hoped
soon. It would seem therefore that the year which might elapse

itself of some of the horror with which it regards Scarlatina, and at the same time remember that it is even more important to isolate cases of Measles and Whooping Cough, which are too often regarded merely as inevitable childish complaints. The methods of dealing with Infectious Disease were described in the Report for 1908.

TUBERCULOSIS.

This disease is probably not very prevalent in your District. The number of deaths attributed to Pulmonary Tuberculosis during the year is six, and two deaths were due to other forms of tuberculosis.

The Tuberculosis Regulations with regard to paupers are in force, and were explained by your Medical Officer at a meeting of the Council in 1909. No cases have at the present time been notified.

There is no hospital accommodation for cases of this disease in your district.

FACTORY AND WORKSHOP ACT.

There are no registered Factories in your District. The number of Workshops is 80. Routine inspection of these is carried out. It has not been found necessary to institute proceedings in any case.

VITAL STATISTICS.

The actual figures with regard to births and deaths during the year are of unusual interest, and require some comment.

The number of births registered is 260, which is considerably lower than that of any of the preceding 12 years, the nearest approach being 277 in the year 1901. Of these births no less than 24 are recorded as illegitimate, a number considerably

...of some of the ...
...at the same time ...
...cases of ...
...often reported ...
...methods of dealing with infectious diseases were described in the

Report for 1908.

TYPHOID

This disease is probably not very prevalent in your
district. The number of deaths attributed to typhoid
fever during the year is six, and two deaths were due to
other forms of typhoid.

The typhoid fever cases were reported to the
sanitary authorities by your medical officers as a
result of the survey in 1908. No cases have been reported
since then.

There is no hospital establishment for cases of this
disease in your district.

FACTORY AND WORKSHOP ACT

There are no registered factories in your district.
The number of workshops is 80. Routine inspection of these is
carried out. It was not found necessary to institute
proceedings in any case.

VITAL STATISTICS

The total figures with regard to births and deaths
during the year are of unusual interest, and require some comment.
The number of births registered is 1,000, which is con-
siderably lower than that of any of the preceding 10 years, the
lowest amount being 1,100 in the year 1902. Of these births
no less than 24 are recorded as illegitimate, a number comparatively

exceeding that of any other-recent year. For this two-fold reason the Council cannot regard the figures with satisfaction.

Turning to the Mortality returns in Table IV., the total number of deaths is 136. This is the lowest number during the last 12 years, the year 1903 showing exactly the same number. This return is quite satisfactory, and agrees with the usual experience that a year not memorable for pleasant weather is yet often healthy. A perusal of this Table will show that there is no very unusual feature. A comparison with former years shows a decline in tuberculosis, the figures being 12 in 1908, 13 in 1909, and six in 1910.

Special consideration is given to the question of deaths of children under the age of one year. The number of such deaths is 24, as shown in Table 5. This is very satisfactory, and is less than that recorded in the previous 12 years, with the exception of the year 1903.

The Notification of Births Act, 1907, has not been adopted in your District, and if the infantile death rate maintains such a low figure, it may be hoped that the provisions of the Act are not required.

During the year, systematic inspections have been made by your Medical Officer and Sanitary Inspector, on frequent occasions.

Yours faithfully,

CHARLES H. D. ROBBS, M.B.

...the Council cannot regard the figures with satisfaction.

Turning to the mortality returns in Table IV, the total number of deaths in 1917, this is the lowest number during the last 12 years, the year 1908 showing nearly the same number. This shows a definite satisfactory, and agrees with the usual expectation that a year not remarkable for pleasant weather is yet also healthy. A perusal of this Table will show that there is no very unusual feature. A comparison with former years shows a decline in total deaths, the figures being 12 in 1907, 13 in 1908, and 14 in 1910.

Special mention is made in the question of deaths of children under the age of one year. The number of such deaths in 1917, as shown in Table V, this is very satisfactory, and is less than that recorded in the previous 12 years, with the exception of the year 1904.

The mortality statistics for 1917, compared with those of the year 1916, and it is noticeable that the mortality rate has fallen in many instances. It may be hoped that the provisions of the Act are being carried out.

During the year, sanitary inspections have been made by your Medical Officer and sanitary inspectors, on frequent occasions.

Yours faithfully,

CHARLES H. B. HARRIS, M.B.

T A B L E I.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1910 AND PREVIOUS YEARS.

Name of District:-GRANTHAM RURAL.

Year.	Population estimated to middle of each year.	BIRTHS.		TOTAL DEATHS REGISTERED in the District.			
		Number	Rate.	Under 1 year.		At all ages.	
				No.	Rate per 1,000 births registered.	No.	Rate.
1	2	3	4	5	6	7	8
1900	13153	306	21.25	28	91.5	178	13.6
1901	12426	277	22.27	33	117.1	171	13.76
1902	12444	307	24.8	36	116.5	171	13.74
1903	12500	312	24.7	20	96.18	136	10.8
1904	12509	303	24.22	28	92.5	167	13.3
1905	12517	302	23.32	38	125.7	167	13.5
1906		No data to hand.					
1907	12525	304	24.3	No data.			
1908	12550	281	22.4	27	98	177	14.1
1909	12575	292	23.22	32	109.8	167	13.6
Averages for years 1900-1909.	12577	296.2	23.3	30.2	105.6	166.8	13.2
1910	12540	260	20.75	24	92.3	136	10.8

Rates in Cols. 4 and 8 calculated per 1,000 of gross estimated population.

Area of District in acres) exclusive of area covered by water	}	85,827.	Total population) at all ages	}	12,426.
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I.	II.	III.
Institutions within the District receiving sick and infirm patients from outside the District-	Institutions within 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:
Isolation Hospital, belonging to Grantham Union.	The Hospital, and The Union Workhouse, Grantham.	<i>Nil.</i>

Is the Union Workhouse within the District ?-No.

TABLE I

ANNUAL STATISTICS OF WHOOPING COUGH IN THE DISTRICT OF BANGALORE AND NEIGHBORING AREAS

Name of District: BANGALORE RURAL

Year	Total number of cases	Males	Females	No. deaths	No. cases per 1,000 population	
					Males	Females
1920	1200	600	600	10	10	10
1921	1300	650	650	11	11	11
1922	1400	700	700	12	12	12
1923	1500	750	750	13	13	13
1924	1600	800	800	14	14	14
1925	1700	850	850	15	15	15
1926	1800	900	900	16	16	16
1927	1900	950	950	17	17	17
1928	2000	1000	1000	18	18	18
1929	2100	1050	1050	19	19	19
1930	2200	1100	1100	20	20	20
Average for years 1920-1930	1700	850	850	14	14	14

Notes: In this table, the total number of cases is calculated per 1,000 of total population.

<p>Total population: 12,430</p> <p>Area of District in acres: 88,607</p> <p>Area of District in square miles: 34.5</p>	<p>Population with the disease: 2200</p> <p>Percentage of population with the disease: 17.7</p>
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In the District of Bangalore Rural, the disease is prevalent in the following areas: Bangalore, Channarayana, and other parts of the district.

T A B L E III.

C A S E S O F I N F E C T I O U S D I S E A S E N O T I F I E D D U R I N G T H E Y E A R 1 9 1 0 .

Name of District:- G R A N T H A M R U R A L .

NOTIFIABLE DISEASES.	At all Ages.	Cases notified in whole district.					
		under1	1to5	5to15	15to25	25to65	65&upwards.
Small-pox	-	-	-	-	-	-	-
Cholera	-	-	-	-	-	-	-
Diphtheria(in- cluding Mem- branous croup)	2	-	-	2	-	-	-
Erysipelas	-	-	-	-	-	-	-
Scarlet Fever	49	-	11	38	-	-	-
Typus Fever	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-
Relapsing Fever	-	-	-	-	-	-	-
Continued Fever	-	-	-	-	-	-	-
Puerperal Fever	-	-	-	-	-	-	-
Plague	-	-	-	-	-	-	-
TOTALS	51	-	11	40	-	-	-

Total Cases removed to Hospital:-Nil.

Isolation Hospital) Whalebone Lane.
Name and situation)

Total beds available:-14.

Number of Diseases)
that can be con-) One.
currently treated)

TABLE III

CASES OF INFECTIOUS DISEASE REPORTED DURING THE YEAR 1910

NAME OF DISTRICT: BAHAMAS

DISEASE	AS REPORTED		TOTAL
	MALES	FEMALES	
Small-pox	-	-	-
Diphtheria	-	-	-
Scarlet fever	-	-	-
Whooping cough	2	-	2
Measles	-	-	-
Typhoid fever	38	11	49
Enteric fever	-	-	-
Paratyphoid fever	-	-	-
Typhus fever	-	-	-
Relapsing fever	-	-	-
Brucella fever	-	-	-
Septic fever	-	-	-
Scarlet fever	-	-	-
Whooping cough	-	-	-
Measles	-	-	-
TOTAL	40	11	51

Total cases reported to Hospital: 51.

Location Hospital: Bahama Bank
 Name and address: Bahama Bank
 Total beds available: 12
 Number of Diseases: 10
 Total cost of care: £100
 Outpatient treated: 10

TABLE IV.

CAUSES OF, AND AGES AT, DEATH DURING THE YEAR 1910.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents," whether occurring in or beyond the district.						
	ALL AGES.	Under 1 year	1 & un- der 5.	5 & un- der 15.	15 & un- der 25.	25 & un- der 65.	65 & up.
1.	2.	3.	4.	5.	6.	7.	8.
Small-pox	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-
Scarlet Fever	2	-	1	1	-	-	-
Whooping Cough	3	1	2	-	-	-	-
Diphtheria (in- cluding Membran- ous croup)	-	-	-	-	-	-	-
Croup	-	-	-	-	-	-	-
Fever { Typhus	-	-	-	-	-	-	-
{ Enteric	-	-	-	-	-	-	-
{ Other contd.	1	-	-	1	-	-	-
Epidemic Influenza	3	1	-	-	-	-	2
Cholera	-	-	-	-	-	-	-
Plague	-	-	-	-	-	-	-
Diarrhoea	1	-	1	-	-	-	-
Enteritis	2	1	-	-	-	-	1
Gastritis	2	2	-	-	-	-	-
Puerperal Fever	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-
Phthisis (Pulmon- ary Tuberculosis)	6	-	-	1	2	3	-
Other tuberculosis diseases	2	-	-	1	-	1	-
Cancer, malig- nant disease	12	-	-	-	-	3	9
Bronchitis	14	3	1	-	-	5	5
Pneumonia	12	6	1	-	1	2	2
Pleurisy	-	-	-	-	-	-	-
Other diseases of Respiratory organs	-	-	-	-	-	-	-
Alcoholism	1	-	-	-	-	1	-
Venereal diseases	-	-	-	-	-	-	-
Premature birth	4	4	-	-	-	-	-
Diseases and ac- cidents of par- turition	1	-	-	-	-	1	-
Heart disease	11	-	-	-	-	7	4
Accidents	3	-	1	1	-	1	-
Suicides	1	-	-	-	-	-	1
Old Age	23	-	-	-	-	-	23
Apoplexy	11	-	-	-	1	6	4
Nephritis	2	-	1	-	-	-	1
Diabetes	3	-	-	-	-	1	2
All other causes	16	6	3	-	-	5	2
ALL CAUSES	136	24	11	5	4	36	56.

TABLE IV

TABLE OF CASES AT THE DISTRICT COURTS IN THE YEAR 1910

District of the subject of cases of "Residence" whether actually in or beyond the district.

All cases	Cases of "Residence" actually in the district		Cases of "Residence" beyond the district		Cases of "Residence" beyond the district
	No.	Per cent.	No.	Per cent.	
1	1	100	0	0	0
2	2	100	0	0	0
3	3	100	0	0	0
4	4	100	0	0	0
5	5	100	0	0	0
6	6	100	0	0	0
7	7	100	0	0	0
8	8	100	0	0	0
9	9	100	0	0	0
10	10	100	0	0	0
11	11	100	0	0	0
12	12	100	0	0	0
13	13	100	0	0	0
14	14	100	0	0	0
15	15	100	0	0	0
16	16	100	0	0	0
17	17	100	0	0	0
18	18	100	0	0	0
19	19	100	0	0	0
20	20	100	0	0	0
21	21	100	0	0	0
22	22	100	0	0	0
23	23	100	0	0	0
24	24	100	0	0	0
25	25	100	0	0	0
26	26	100	0	0	0
27	27	100	0	0	0
28	28	100	0	0	0
29	29	100	0	0	0
30	30	100	0	0	0
31	31	100	0	0	0
32	32	100	0	0	0
33	33	100	0	0	0
34	34	100	0	0	0
35	35	100	0	0	0
36	36	100	0	0	0
37	37	100	0	0	0
38	38	100	0	0	0
39	39	100	0	0	0
40	40	100	0	0	0
41	41	100	0	0	0
42	42	100	0	0	0
43	43	100	0	0	0
44	44	100	0	0	0
45	45	100	0	0	0
46	46	100	0	0	0
47	47	100	0	0	0
48	48	100	0	0	0
49	49	100	0	0	0
50	50	100	0	0	0
51	51	100	0	0	0
52	52	100	0	0	0
53	53	100	0	0	0
54	54	100	0	0	0
55	55	100	0	0	0
56	56	100	0	0	0
57	57	100	0	0	0
58	58	100	0	0	0
59	59	100	0	0	0
60	60	100	0	0	0
61	61	100	0	0	0
62	62	100	0	0	0
63	63	100	0	0	0
64	64	100	0	0	0
65	65	100	0	0	0
66	66	100	0	0	0
67	67	100	0	0	0
68	68	100	0	0	0
69	69	100	0	0	0
70	70	100	0	0	0
71	71	100	0	0	0
72	72	100	0	0	0
73	73	100	0	0	0
74	74	100	0	0	0
75	75	100	0	0	0
76	76	100	0	0	0
77	77	100	0	0	0
78	78	100	0	0	0
79	79	100	0	0	0
80	80	100	0	0	0
81	81	100	0	0	0
82	82	100	0	0	0
83	83	100	0	0	0
84	84	100	0	0	0
85	85	100	0	0	0
86	86	100	0	0	0
87	87	100	0	0	0
88	88	100	0	0	0
89	89	100	0	0	0
90	90	100	0	0	0
91	91	100	0	0	0
92	92	100	0	0	0
93	93	100	0	0	0
94	94	100	0	0	0
95	95	100	0	0	0
96	96	100	0	0	0
97	97	100	0	0	0
98	98	100	0	0	0
99	99	100	0	0	0
100	100	100	0	0	0

T A B L E V.

INFANTILE MORTALITY DURING THE YEAR 1910.

Deaths from Stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	<u>Weeks old.</u>				<u>Months old.</u>											Total deaths under one year.					
	un- der 1	1 2	2 3	3 4	Total under one month	1	2	3	4	5	6	7	8	9	10		11				
	1	2	3	4																	
1.-COMMON INFECTIOUS DISEASES:																					
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
2.-DIARRHOEAL DISEASES:																					
Enteritis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Gastritis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3.-WASTING DISEASES:-																					
Premature birth	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-				
Atrophy)	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-				
Debility)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Marasmus)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4.-TUBERCULOSIS DISEASES:-																					
(Nil).																					
5.OTHER CAUSES:																					
Convulsions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Bronchitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Pneumonia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Other causes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
<hr/>																					
					4	1	-	-	5	3	1	2	-	2	1	1	2	3	2	2	24.

Births in the year:-

Legitimate 236
 Illegitimate 24

Deaths in the year of:-

Legitimate Infants 20
 Illegitimate Infants 4

Deaths from all causes)
 at all ages.) 136.

Population:Estimated)
 to middle of 1910) 12,540.

TABLE V

INFANTILE MORTALITY DURING THE YEAR 1910

Deaths from stated causes in weeks and months under one year of age.

Total deaths under one year.	Weeks old.	Months old.	Total for 1 to 5 years.	Total for 6 to 10 years.	Total for 11 to 15 years.	Total for 16 to 20 years.	Total for 21 to 25 years.	Total for 26 to 30 years.	Total for 31 to 35 years.
1,000	100	100	100	100	100	100	100	100	100
1. OTHER INFANTILE DISEASES									
Diphtheria									
Whooping cough									
Scarlet fever									
Typhoid fever									
Typhus fever									
Epidemic typhus									
Typhus exanthematicus									
Typhus abdominalis									
Typhus varioliformis									
Typhus exanthematicus									
Typhus abdominalis									
Typhus varioliformis									
2. INFANTILE DIARRHOEA									
Infantile diarrhoea									
3. INFANTILE COLIC									
Infantile colic									
4. INFANTILE CONVULSIONS									
Infantile convulsions									
5. INFANTILE CHOLERA									
Infantile cholera									
6. INFANTILE TYPHOID									
Infantile typhoid									
7. INFANTILE TYPHUS									
Infantile typhus									
8. INFANTILE DYSPEPSIA									
Infantile dyspepsia									
9. INFANTILE ANEMIA									
Infantile anemia									
10. INFANTILE SCURVY									
Infantile scurvy									
11. INFANTILE RHEUMATISM									
Infantile rheumatism									
12. INFANTILE GOUT									
Infantile gout									
13. INFANTILE CALCULI									
Infantile calculi									
14. INFANTILE NEURALGIA									
Infantile neuralgia									
15. INFANTILE MIGRAINE									
Infantile migraine									
16. INFANTILE HEMIPLEGIA									
Infantile hemiplegia									
17. INFANTILE PARALYSIS									
Infantile paralysis									
18. INFANTILE CONVULSIONS									
Infantile convulsions									
19. INFANTILE EPILEPSY									
Infantile epilepsy									
20. INFANTILE HYDROCEPHALUS									
Infantile hydrocephalus									
21. INFANTILE MENINGITIS									
Infantile meningitis									
22. INFANTILE ENCEPHALITIS									
Infantile encephalitis									
23. INFANTILE TUBERCULOSIS									
Infantile tuberculosis									
24. INFANTILE SYPHILIS									
Infantile syphilis									
25. INFANTILE SCROFULA									
Infantile scrofula									
26. INFANTILE LEPROSY									
Infantile leprosy									
27. INFANTILE MALARIA									
Infantile malaria									
28. INFANTILE INTERSTITIAL NEPHRITIS									
Infantile interstitial nephritis									
29. INFANTILE CALCULI									
Infantile calculi									
30. INFANTILE NEURALGIA									
Infantile neuralgia									
31. INFANTILE MIGRAINE									
Infantile migraine									
32. INFANTILE HEMIPLEGIA									
Infantile hemiplegia									
33. INFANTILE PARALYSIS									
Infantile paralysis									
34. INFANTILE CONVULSIONS									
Infantile convulsions									
35. INFANTILE EPILEPSY									
Infantile epilepsy									
36. INFANTILE HYDROCEPHALUS									
Infantile hydrocephalus									
37. INFANTILE MENINGITIS									
Infantile meningitis									
38. INFANTILE ENCEPHALITIS									
Infantile encephalitis									
39. INFANTILE TUBERCULOSIS									
Infantile tuberculosis									
40. INFANTILE SYPHILIS									
Infantile syphilis									
41. INFANTILE SCROFULA									
Infantile scrofula									
42. INFANTILE LEPROSY									
Infantile leprosy									
43. INFANTILE MALARIA									
Infantile malaria									
44. INFANTILE INTERSTITIAL NEPHRITIS									
Infantile interstitial nephritis									
45. INFANTILE CALCULI									
Infantile calculi									
46. INFANTILE NEURALGIA									
Infantile neuralgia									
47. INFANTILE MIGRAINE									
Infantile migraine									
48. INFANTILE HEMIPLEGIA									
Infantile hemiplegia									
49. INFANTILE PARALYSIS									
Infantile paralysis									
50. INFANTILE CONVULSIONS									
Infantile convulsions									
51. INFANTILE EPILEPSY									
Infantile epilepsy									
52. INFANTILE HYDROCEPHALUS									
Infantile hydrocephalus									
53. INFANTILE MENINGITIS									
Infantile meningitis									
54. INFANTILE ENCEPHALITIS									
Infantile encephalitis									
55. INFANTILE TUBERCULOSIS									
Infantile tuberculosis									
56. INFANTILE SYPHILIS									
Infantile syphilis									
57. INFANTILE SCROFULA									
Infantile scrofula									
58. INFANTILE LEPROSY									
Infantile leprosy									
59. INFANTILE MALARIA									
Infantile malaria									
60. INFANTILE INTERSTITIAL NEPHRITIS									
Infantile interstitial nephritis									
61. INFANTILE CALCULI									
Infantile calculi									
62. INFANTILE NEURALGIA									
Infantile neuralgia									
63. INFANTILE MIGRAINE									
Infantile migraine									
64. INFANTILE HEMIPLEGIA									
Infantile hemiplegia									
65. INFANTILE PARALYSIS									
Infantile paralysis									
66. INFANTILE CONVULSIONS									
Infantile convulsions									
67. INFANTILE EPILEPSY									
Infantile epilepsy									
68. INFANTILE HYDROCEPHALUS									
Infantile hydrocephalus									
69. INFANTILE MENINGITIS									
Infantile meningitis									
70. INFANTILE ENCEPHALITIS									
Infantile encephalitis									
71. INFANTILE TUBERCULOSIS									
Infantile tuberculosis									
72. INFANTILE SYPHILIS									
Infantile syphilis									
73. INFANTILE SCROFULA									
Infantile scrofula									
74. INFANTILE LEPROSY									
Infantile leprosy									
75. INFANTILE MALARIA									
Infantile malaria									
76. INFANTILE INTERSTITIAL NEPHRITIS									
Infantile interstitial nephritis									
77. INFANTILE CALCULI									
Infantile calculi									
78. INFANTILE NEURALGIA									
Infantile neuralgia									
79. INFANTILE MIGRAINE									
Infantile migraine									
80. INFANTILE HEMIPLEGIA									
Infantile hemiplegia									
81. INFANTILE PARALYSIS									
Infantile paralysis									
82. INFANTILE CONVULSIONS									
Infantile convulsions									
83. INFANTILE EPILEPSY									
Infantile epilepsy									
84. INFANTILE HYDROCEPHALUS									
Infantile hydrocephalus									
85. INFANTILE MENINGITIS									
Infantile meningitis									
86. INFANTILE ENCEPHALITIS									
Infantile encephalitis									
87. INFANTILE TUBERCULOSIS									
Infantile tuberculosis									
88. INFANTILE SYPHILIS									
Infantile syphilis									
89. INFANTILE SCROFULA									
Infantile scrofula									
90. INFANTILE LEPROSY									
Infantile leprosy									
91. INFANTILE MALARIA									
Infantile malaria									
92. INFANTILE INTERSTITIAL NEPHRITIS									
Infantile interstitial nephritis									
93. INFANTILE CALCULI									
Infantile calculi									
94. INFANTILE NEURALGIA									
Infantile neuralgia									
95. INFANTILE MIGRAINE									
Infantile migraine									
96. INFANTILE HEMIPLEGIA									
Infantile hemiplegia									
97. INFANTILE PARALYSIS									
Infantile paralysis									
98. INFANTILE CONVULSIONS									
Infantile convulsions									
99. INFANTILE EPILEPSY									
Infantile epilepsy									
100. INFANTILE HYDROCEPHALUS									
Infantile hydrocephalus									

Deaths in the year of:—

Lactating females	Lactating females
Infants	Infants
Population (estimated) 19,000	Population (estimated) 19,000

GRANTHAM RURAL DISTRICT COUNCIL.

REPORT of INSPECTOR OF NUISANCES for the Year 1910.

During the year ending December 31st., 1910, your Inspector has made 291 visits from time to time in carrying out his duties in your District, the distance covered being 2,274 miles.

NUISANCES.-There were 32 of these dealt with, 16 Public and 16 Private. It was found necessary to serve seven Notices of Abatement. A detailed account of these will be found in my Monthly record.

OUTFALL DITCHES.-In addition to those regularly emptied by this Council, it was found necessary to empty those in the parishes of Humby, Burton Coggles, Sudbrook, Welby and Woolsthorpe-by-Belvoir.

CESSPOOLS have been emptied under supervision to different villages, as stated in your Inspector's Report Record.

CANAL BOATS.-Your Inspector presented his Annual Report in January.

MILK.-Under the Order of this District inspection has been made from time to time to enforce the Regulations. Nine fresh names have been added to the Register, the number now being 43, against 37 last year, certain old ones having removed.

FOOD.-Your Inspector has made a point of looking out for unsound articles of food exhibited, and has also visited different slaughter-houses on ~~several~~ occasion (he is not empowered to take samples under the Food and Drug Act).

BUILDING BYE-LAWS.-Two sets of Plans for Motor Workshop and New Rectory to Colsterworth were submitted, also additions to Mr. Bradley's house, Belton lane, Harrowby Without, for approval.

Careful disinfection after infectious disease has been thoroughly carried out. Under the Housing Act, certain cottages in Carlton Scroop were submitted for early inspection during 1911.

H. Cecil Rudkin,

Inspector of Nuisances and Surveyor.

REPORT OF INSPECTOR OF DISTRICT FOR THE YEAR 1911

During the year ending December 31st, 1911, the District has made 201 visits from time to time in carrying out its duties in your District. The distance covered being 2,375 miles.

There were 22 of these visits, 10 to public and 12 private. It was found necessary to make an inspection of 10 of these visits with a view to making a report on the same.

In addition to these visits, 100 visits were made to the various schools in the District to see how they were getting on. It was found necessary to make a report on the progress of the schools in the District.

It was found that the schools were getting on well and that the teachers were doing their best. It was also found that the parents were very interested in the progress of their children.

The Inspector presented his annual report in 1911. It was found that the schools were getting on well and that the teachers were doing their best. It was also found that the parents were very interested in the progress of their children.

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Inspector of District for 1911



