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ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
OF THE
GRANTHAM URBAN SANITARY AUTHORITY,
FOR THE YEAR 1905.

GRANTHAM,

FEBRUARY, 1906.

To the Chairman and Members of the Grantham Urban Sanitary Authority.

GENTLEMEN,

I beg to lay before you my ANNUAL REPORT for 1905.

The population of your district as estimated for the middle of the year 1905 is 17,929.

During the year, 480 births and 257 deaths were registered as having occurred in your district. From the deaths, 18 must be deducted—9 of those in the Workhouse, and 9 of those in the Grantham Hospital, as these occurred among persons not belonging to your district, so that the corrected number of deaths is 239.

Fifty-one deaths occurred in infants under 1 year.

There were 39 deaths in Public Institutions, namely—24 in the Grantham Workhouse, and 15 in the Grantham Hospital, but only 21 of these are referred to your district.

The Birth-rate was 26·77 per 1,000 of the population, and the death rate 13·33 per 1,000 of the population. The former being 1·48 and the latter 2·17 less than the average of the preceding ten years.

The deaths of children under 1 year were 106·25 per 1,000 of Registered Births, being 22·98 less than the average of the preceding ten years.

The deaths in your district included 4 from whooping cough, 3 from epidemic diarrhœa, 2 from scarlet fever, 1 from diphtheria, 1 from typhus fever, 1 from erysipelas, and 6 from epidemic influenza. There were no deaths from measles or small pox. The mortality from these Zymotic Diseases was at the rate of 0·67 per 1,000 of the population, if influenza be excluded, and 1 per 1,000 of the population if influenza be included.

These figures may, I think, certainly be regarded as satisfactory. The death-rate is the lowest on record for the last ten years, with the single exception of the year 1903, in which the death-rate was abnormally low throughout the country. The Zymotic death-rate, and the death-rate of children under 1 year, are well below the average.

There were 7 cases of diphtheria notified—2 in Little Gonerby, 2 in Grantham, 2 in Spittlegate, and 1 in the Grantham Hospital, this last case was admitted from a neighbouring village, and death resulted. There was 1 other death from the disease—a child aged 4—in Spittlegate in June.

Measles was not prevalent during the year, and there were no deaths from this disease.

There was 1 case of typhus fever notified, that of a girl aged 18, in Grantham in August. I could not ascertain in what way the disease was contracted. The patient recovered and no other person was affected.

There were 15 cases of erysipelas notified, and there was 1 death, a young man aged 18, in Spittlegate, in October.

There were 6 cases of enteric fever notified. One, in Spittlegate, in the early part of February; this patient had been staying in Lincoln, and, no doubt, derived the infection during his visit there. One case occurred in Grantham in September, and was no doubt contracted during a visit at the sea side. The other 4 cases occurred in the Grantham Hospital, and 3 of them came from a neighbouring village. All the cases recovered.

There were 119 cases of scarlet fever notified during the year—12 in Little Gonerby, 31 in Grantham, 69 in Spittlegate, 5 in New Somerby, and 2 in the Grantham Hospital. There were 3 cases notified in January, 3 in February, 1 in March, 3 in April, 2 in June, 2 in July, 4 in August, 5 in September, 8 in October, 37 in November, and 51 in December. There were 2 deaths—1 in Little Gonerby in September and 1 in Spittlegate in November. Some cases of scarlet fever occurred, as will be seen, scattered throughout the earlier months, but it was not until the month of October that the disease began to assume an epidemic form. We have had no such outbreak in the town since the year 1899. Cases, as they have occurred from time to time, have been isolated, as far as was possible in their own homes, and happily until now the disease has remained in comparative abeyance; but, during the last three months of the year, the disease spread alarmingly, and it was evident that the ordinary means employed for checking its spread were quite inadequate, and at a meeting of the Town Council on November 30th, I was instructed to procure a Nurse, who should devote her attention to the scarlet fever patients and assist in procuring their isolation, and to superintend the disinfection of the premises after their recovery. On December 11th, the Sanitary Committee decided to isolate patients in the Isolation Hospital, and from December 13th to the end of the year, 27 patients were admitted to Hospital.

After careful enquiry it was not found that any particular School, or any one department of any particular School was responsible for the spread of the fever, and many of those first attacked in a family were too young for School attendance.

All the patients for whom permission could be obtained were promptly removed to the Isolation Hospital, the premises stoved, and the bedding and blankets removed for disinfection to the Steam Disinfecter. As the benefit of the removal of patients became recognised, less and less difficulty was encountered in obtaining permission for their removal. But the epidemic had obtained a decided hold before Hospital isolation was commenced, and it is a matter for very serious consideration for those in authority to weigh carefully in their minds the importance of the complete isolation of early cases. It is little less than folly to pretend that anything like complete isolation can take place in a small tenement, when the woman who is attending to the patient, generally wearing a stuff gown, is also attending to her other domestic duties, and her husband, who is living in the same house, is daily going to his ordinary occupation. It is at once evident that even if the woman of the house is intelligently willing to carry out the instructions given to her, it is quite impossible for anything approaching satisfactory isolation to take place. Moreover, it is exceedingly difficult to ensure that such a house can be considered to be safely and efficiently rendered free from infection, after the recovery of the patient, however carefully the measures attempted may be carried out. It should also be pointed out that in some of the poorer parts of the town, where the people are either very poor or very neglectful of cleanliness, it is simply a hopeless matter to endeavour simply by instruction and advice to prevent the premises from becoming a veritable hot bed of infection.

Epidemic influenza gave rise to 6 deaths, but no extensive epidemic occurred.

There were only 3 deaths from epidemic diarrhoea, which is a small number from a disease which is frequently very fatal, especially in the summer months amongst infants. I think it is probable that the improvement in the collection of house refuse, which has been enforced during the last few years, has in some measure at any rate contributed to the diminished mortality from diarrhoea.

It will be manifest from the figures upon Table V. that the deaths from infants under 1 year still constitute a considerable proportion of the total deaths, although they are less this year by 16 than the average of the 10 preceding years, being 51, as against the average of 67.2.

There were 20 deaths from phthisis or pulmonary tuberculosis. Phthisis may now, to a considerable extent at any rate, be considered to be a preventable disease, and the measures to be adopted for its prevention consist mainly in the maintenance of cleanly and healthy surroundings with an abundance of fresh air, especially in sleeping apartments. If the poorer members of the community could be taught the supreme importance of personal and domestic cleanliness, and the importance of open windows, much would be accomplished in the prevention of phthisis. The

danger of phthisical expectorations should also be expressly made known, and all such expectorations should be promptly destroyed. Those who are charitably disposed may do much in assisting to provide for the removal of phthisical patients, for a definite period to suitably provided homes, for the proper treatment of their disease; but it should be borne in mind if success is to be obtained, that patients selected for such treatment should be in an early stage of the disease, and that the treatment such patients receive in these Institutions must be continued as completely as may be in their own homes, after their return, for a prolonged period, and I have found that when such a patient has experienced the methods and the details considered in properly regulated open air sanatoria, it is comparatively easy for them to carry out the treatment in most ordinary homes in quite a reasonably efficient way.

In April, samples of the water supplied by Grantham Waterworks Company were sent to the Clinical Research Association for Chemical and Bacteriological examination, and the result of the examination was considered satisfactory.

Under the Sale of Food and Drugs' Act, the following samples have been taken during the year:—

10	Samples of	...	...	...	Butter.
7	"	...	...	...	Lard.
6	"	...	...	...	Arrowroot.
3	"	...	...	...	Coffee.
1	"	...	...	...	White Pepper.

All were found to be genuine except one sample of butter, but in this instance it was decided that no proceedings should be taken.

There are 93 workshops in the Borough, which have been regularly visited during the year, and found to be in a satisfactory state.

During the year your District has been visited by your Inspector and myself, with the view of ascertaining sanitary defects. 35 new water closets have been built, and a suitable flushing apparatus has been supplied to 49 hand-flushed closets.

I append the Report of your Inspector of the nuisances dealt with during the year, and also tables of statistics.

I am, Gentlemen,

Your obediently,

H. POOLE-BERRY.

REPORT

From 1st January to 31st December, 1905.

Number of Nuisances remaining unabated from the previous year	...	...	...	12
Number reported during the year	...	...	...	40
Number abated without formal notice	...	...	...	51
Number of formal notices given	...	...	...	40
Number abated after formal notice and without legal proceedings	...	...	...	35
Number of cases in which legal proceedings were taken	...	...	...	0
Number abated after proceedings	...	...	...	0
Total number abated	...	...	...	98
Number remaining unabated at the end of the year	...	...	...	5

JAMES BARNACLE,

Inspector of Nuisances.

GRANTHAM,

3rd January, 1906.

TABLE I.

Vital Statistics of whole District during 1903 and previous Years.

Name of District—GRANTHAM URBAN SANITARY.

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 the District.	Deaths of Residents registered in Public Institutions beyond the District.	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number	Rate.*	Under 1 year of age.		At all ages.					Rate.*	Rate.*
				Number	Rate per 1,000 Births Registered	Number	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	16,692	509	30.49	87	170.9	329		42			287	17.19
1896	16,679	452	27.09	67	146.0	273		23			250	14.98
1897	16,666	501	30.60	99	194.1	342		38	24		304	18.30
1898	16,653	525	31.52	90	171.1	348		33	20		315	18.91
1899	16,640	457	27.46	57	124.7	330		67	38		263	15.80
1900	16,627	511	30.73	60	117.22	302		52	33		269	16.17
1901	17,593	448	25.46	57	127.23	288		56	27		261	14.83
1902	17,677	451	25.51	51	113.02	278		49	27		251	14.19
1903	17,761	474	26.68	44	92.82	192		40	20		172	9.68
1904	17,845	479	26.81	60	125.26	291	16.30	46	23		268	15.01
Averages for years 1895-1904	17,083.3	480.7	28.25	67.2	138.23	297.3		44.6	26.5		264.0	15.50
1905	17,929	480	26.77	51	106.25	257	14.33	39	18		239	13.33

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

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public Institutions" to be taken into account for the purpose of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres
(exclusive of area
covered by water.) 1,676.

Total population of all ages 17,593

Number of inhabited houses..... 3,732

Average number of persons per house... 4.71

} At Census
of 1901.
[See over.

NAME OF DISTRICT GRANTHAM URBAN SANITARY

Vital Statistics of White District during 1908 and previous years

TABLE I

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
Grantham Workhouse Grantham Hospital	Grantham Borough Infectious Hospital	None.
Is the Union Workhouse within the District?—Yes!		

Table II. Vital Statistics of Separate Localities in 1903 and previous years.
Name of District—GRANTHAM URBAN SANITARY DISTRICT.

NAMES OF LOCALITIES.	1. LITTLE GONERBY.				2. GRANTHAM.				3. SPITLEGATE.				4. HARROWBY.				5. NEW SOMERBY.				6.				7.			
YEAR.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.
1895 ...	3232	97	51	13	5571	153	97	32	6009	199	95	35	192	12	1	0	1688	47	17	7								
1896 ...	3226	86	54	16	5531	151	72	20	5986	167	94	24	188	9	3	3	1744	34	18	4								
1897 ...	3220	91	61	19	5439	157	106	33	5963	206	100	39	184	9	1	1	1800	43	22	7								
1898 ...	3214	112	71	27	5463	155	100	25	5940	210	118	38	180	8	1	0	1856	35	12	0								
1899 ...	3208	87	52	11	5427	138	77	21	5917	197	78	20	176	5	1	1	1912	31	26	5								
1900 ...	3302	113	64	16	5391	150	67	18	5894	197	116	24	172	2	0	0	1968	49	22	2								
1901 ...	3567	98	59	17	5762	124	87	13	6553	191	95	23	181	5	1	0	1530	30	19	4								
1902 ...	3598	80	68	14	5767	133	90	13	6598	206	80	21	178	1	0	0	1536	31	13	3								
1903 ...	3629	106	47	9	5772	122	64	14	6643	205	71	16	175	6	0	0	1542	35	10	4								
1904 ...	3660	91	64	9	5777	128	64	13	6688	217	115	28	172	6	5	1	1548	37	20	8								
Averages of Years 1895 to 1904 ...	3385.4	96.1	59.1	15.1	5590.0	141.1	82.4	20.2	6219.1	199.5	96.2	26.8	179.8	6.3	1.3	.6	1712.4	37.2	17.9	4.4								
1905 ...	3691	104	53	11	5782	122	65	14	6733	210	104	24	169	8	0	0	1554	36	18	2								

NOTES.—(a) The separate localities adopted for this Table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district: and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the districts are to be included in sub-columns *c* of this Table, and those of non-residents registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms "resident" and "non-resident.")

(c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.

(d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in Tables I. and IV.: thus, the totals of sub-columns *a*, *b*, and *c* should agree with the figures for the year in the columns 2, 3, and 12, respectively, of Table I.: the gross total of the sub-columns *c* should agree with the total of column 2 in Table IV., and the gross total of sub-columns *d* with the total of column 3 in Table IV.

REPORT OF THE DISTRICT COMMISSIONER OF THE DISTRICT OF COLUMBIA

No.	Name of Person	Age	Sex	Color	Religion	Education	Occupation	Marital Status	Place of Birth	Date of Arrival	Date of Departure	Remarks
1	John Smith	25	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
2	Mary Jones	22	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
3	James Brown	20	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
4	Elizabeth White	18	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
5	Robert Green	15	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
6	Sarah Black	12	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
7	William Gray	10	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
8	Anna Lee	8	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
9	Charles King	7	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
10	Lucy Hall	6	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
11	George Young	5	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
12	Frances Adams	4	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
13	Edward Miller	3	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
14	Martha Wilson	2	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
15	Thomas Moore	1	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
16	Elizabeth Taylor	0	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
17	John Davis	25	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
18	Mary Wilson	22	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
19	James Brown	20	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
20	Elizabeth White	18	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
21	Robert Green	15	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
22	Sarah Black	12	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
23	William Gray	10	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
24	Anna Lee	8	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
25	Charles King	7	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
26	Lucy Hall	6	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
27	George Young	5	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
28	Frances Adams	4	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
29	Edward Miller	3	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
30	Martha Wilson	2	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
31	Thomas Moore	1	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
32	Elizabeth Taylor	0	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
33	John Davis	25	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
34	Mary Wilson	22	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
35	James Brown	20	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
36	Elizabeth White	18	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
37	Robert Green	15	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
38	Sarah Black	12	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
39	William Gray	10	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
40	Anna Lee	8	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
41	Charles King	7	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
42	Lucy Hall	6	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
43	George Young	5	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
44	Frances Adams	4	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
45	Edward Miller	3	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
46	Martha Wilson	2	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
47	Thomas Moore	1	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
48	Elizabeth Taylor	0	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
49	John Davis	25	M	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	
50	Mary Wilson	22	F	W	C	High School	Teacher	Married	Washington, D.C.	1880	1885	

Table III.

Cases of Infectious Disease Notified during the Year 1903.

Name of District—GRANTHAM URBAN SANITARY DISTRICT.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICTS.						TOTAL CASES NOTIFIED IN EACH LOCALITY.							No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.						
	At all Ages.	At Ages 1—Years.					Little Gonerby.	Grantham.	Spittlegate.	Harrowby.	New Somerby.	Hospital.	Union.	Little Gonerby.	Grantham.	Spittlegate.	Harrowby.	New Somerby.	Hospital.	Union.
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65														
Small Pox	...																			
Cholera	...																			
Diphtheria	7		2	3		2	2	2	2			1								
Membranous Croup	...																			
Erysipelas	15			1	1	9	3	7	5											
Scarlet Fever	119		32	75	7	5	12	31	69		5	2		4	10	12				
Typhus Fever	1				1			1												
Enteric Fever	6		1	3		2		1	1			4								
Relapsing Fever	...																			
Continued Fever	...																			
Puerperal Fever	...																			
Plague	...																			
Totals	148	35	82	9	18	4	17	42	77		5	7		4	10	12				

NOTES.—The localities adopted for this Table should be the same as those in Tables II. and IV.

State in space below the name of the Isolation Hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. Mark (W) the locality in which a Workhouse is situated.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information. Grantham Borough Isolation Hospital. (H) Spittlegate Without. (W) Grantham.

1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 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2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818 2819 2820 2821 2822 2823 2824 2825 2826 2827 2828 2829 2830 2831 2832 2833 2834 2835 2836 2837 2838 2839 2840 2841 2842 2843 2844 2845 2846 2847 2848 2849 2850 2851 2852 2853 2854 2855 2856 2857 2858 2859 2860 2861 2862 2863 2864 2865 2866 2867 2868 2869 2870 2871 2872 2873 2874 2875 2876 2877 2878 2879 2880 2881 2882 2883 2884 2885 2886 2887 2888 2889 2890 2891 2892 2893 2894 2895 2896 2897 2898 2899 2900 2901 2902 2903 2904 2905 2906 2907 2908 2909 2910 2911 2912 2913 2914 2915 2916 2917 2918 2919 2920 2921 2922 2923 2924 2925 2926 2927 2928 2929 2930 2931 2932 2933 2934 2935 2936 2937 2938 2939 2940 2941 2942 2943 2944 2945 2946 2947 2948 2949 2950 2951 2952 2953 2954 2955 2956 2957 2958 2959 2960 2961 2962 2963 2964 2965 2966 2967 2968 2969 2970 2971 2972 2973 2974 2975 2976 2977 2978 2979 2980 2981 2982 2983 2984 2985 2986 2987 2988 2989 2990 2991 2992 2993 2994 2995 2996 2997 2998 2999 3000 3001 3002 3003 3004 3005 3006 3007 3008 3009 3010 3011 3012 3013 3014 3015 3016 3017 3018 3019 3020 3021 3022 3023 3024 3025 3026 3027 3028 3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043 3044 3045 3046 3047 3048 3049 3050 3051 3052 3053 3054 3055 3056 3057 3058 3059 3060 3061 3062 3063 3064 3065 3066 3067 3068 3069 3070 3071 3072 3073 3074 3075 3076 3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3089 3090 3091 3092 3093 3094 3095 3096 3097 3098 3099 3100 3101 3102 3103 3104 3105 3106 3107 3108 3109 3110 3111 3112 3113 3114 3115 3116 3117 3118 3119 3120 3121 3122 3123 3124 3125 3126 3127 3128 3129 3130 3131 3132 3133 3134 3135 3136 3137 3138 3139 3140 3141 3142 3143 3144 3145 3146 3147 3148 3149 3150 3151 3152 3153 3154 3155 3156 3157 3158 3159 3160 3161 3162 3163 3164 3165 3166 3167 3168 3169 3170 3171 3172 3173 3174 3175 3176 3177 3178 3179 3180 3181 3182 3183 3184 3185 3186 3187 3188 3189 3190 3191 3192 3193 3194 3195 3196 3197 3198 3199 3200 3201 3202 3203 3204 3205 3206 3207 3208 3209 3210 3211 3212 3213 3214 3215 3216 3217 3218 3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235 3236 3237 3238 3239 3240 3241 3242 3243 3244 3245 3246 3247 3248 3249 3250 3251 3252 3253 3254 3255 3256 3257 3258 3259 3260 3261 3262 3263 3264 3265 3266 3267 3268 3269 3270 3271 3272 3273 3274 3275 3276 3277 3278 3279

TABLE IV.

Causes of, and Ages at, Death during Year 1905.

Name of District—GRANTHAM URBAN SANITARY DISTRICT.

CAUSES OF DEATH.	Deaths at the subjoined Ages of "Residents" whether occurring in or beyond the District.							Deaths at all Ages of "Residents" belonging to Localities, whether occurring in or beyond the District.								Total Deaths whether of Residents or Non- "Residents" 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 Upwards	Little Gonerby	Grantham	Spittlegate	Harrowby	New Somerby	Hospital	Union	Infectious Hospital	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Small Pox																
Measles																
Scarlet Fever	2		2					1		1						
Whooping Cough	4	1	3							3		1		1		1
Diphtheria and Membranous Croup	1		1							1			1			1
Croup																
Fever { Typhus	1				1				1							
Enteric																
Other continued																
Epidemic Influenza	6			1		3	2		3	2		1				
Cholera																
Plague																
Diarrhœa	3	1	2					1	1	1						
Enteritis	4	2		1			1	1	1	2						
Puerperal Fever																
Erysipelas	1				1					1						
Other Septic Diseases	1	1								1						
Phthisis (Pulmonary Tubercular)	20		3	1	4	12		6	2	10		2		1		1
Other Tubercular Diseases	7	1	4	1		1		1	2	4			1			1
Cancer, Malignant Disease	17				1	9	7	6	3	8			1	3		4
Bronchitis	26	7	5		1	6	7	2	6	17		1				
Pneumonia	15	3	1	1	1	5	4	4	4	5		2	1			1
Pleurisy	1						1		1							
Other Diseases of Respiratory Organs	3	1				1	1	1		2						
Alcoholism																
Cirrhosis of Liver	1						1		1							
Venereal Diseases																
Premature Birth	11	11						2	6	3			1			1
Diseases and Accidents of Parturition	2					2			1	1						
Heart Diseases... ..	11				3	4	4	2	1	5		3	1			1
Accidents	4					4			4				5			5
Suicides	4					4		1	1	2						
Old Age	25					1	24	8	8	6		3		11		11
Debility	12	12						4	3	4		1				
All other Causes	58	11	4	2	3	22	16	13	16	25		4	4	8		12
All Causes	240	51	25	7	15	74	68	53	65	104		18	15	24		39

Name of District—GRANTHAM URBAN SANITARY DISTRICT.

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

District or Sub-Division of Grantham Urban Sanitary. Population, estimated to middle of 1905 ... 17929.

Births in the year	{	Legitimate	...	...	460.
		Illegitimate	...	...	20.
Deaths from all Causes at all Ages				...	240.

