

[Report 1908] / Medical Officer of Health, East Retford U.D.C. / Borough.

Contributors

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East Retford
Urban District Council.



ANNUAL REPORT

FOR

1908.

BY

A. E. MANNERS-SMITH,

MEDICAL OFFICER OF HEALTH.



RET FORD :

PRINTED BY WHARTON & Co., 6, GROVE STREET,
1909.

To the Urban District Council of the
Borough of East Retford.

GENTLEMEN,

I have the honor to present to you my Annual Report for the year 1908.

The population of the Borough estimated to the middle of 1908 is 13514, showing an increase of 87 on the preceding year.

The Births for the year number 331, as against 284 in the preceding year, an increase of 47. The Birth Rate is 24.5 per thousand, the average for the past 10 years being 27.1.

The Deaths registered were 167, as against 152 in the preceding year, an increase of 15 making the Death Rate for the year 12.3, but it should be borne in mind that the deaths in 1907 were abnormally low, which was attributed by me to the very favorable climatic conditions of that year. The rate for the present year, however, is well below the average.

Infant Mortality. I am glad to be able to state that the number of deaths of children under 1 year of age, shows a slight decrease in the rate per thousand births registered, the number being 31, as against 28 for the preceding year, and the rate per thousand Births registered 93.6, as against 98.59 for 1907.

Notification of Births Act 1907. This Act having been adopted by the Local Authority in May 1908, it became part of my duty as Medical Officer of Health, to make the necessary registrations and supply the Health Visitor with all necessary information. This enables her to get in touch at once with cases which require her services, and I am convinced that much good has already emanated from the adoption of the Act, and as time goes on the good effects will be increasingly demonstrated.

Medical Inspection of School Children. As Medical Officer of Health, it becomes part of my duty in carrying out the instructions of the Local Government Board, to include in the Report a statement showing what arrangements have been made for the Medical Inspection of School Children. As I have already submitted a full Official Report under the Education Administrative (Provisions) Act, 1907, I may here briefly state that as Medical Officer of Health, I was appointed in January, 1908, as Schools Medical Officer, to carry on the work under the above Act. All Children entering the Schools under the Authority, and all leaving were medically examined, a capable woman being engaged to assist me in the actual work of examination.

The full results of these examinations, together with a Report on the Hygienic Conditions of the Schools, and generally all other matters required to be dealt with are duly set forth in the Report above mentioned.

Notifiable Infectious Diseases. It is satisfactory to again announce that nothing in the nature of an epidemic has visited the Borough, 30 cases only of all Notifiable diseases having been reported. Scarlet Fever cases numbered only 9, as against 15 in the preceding year, and the Isolation Hospital has for weeks together been without a Patient. The only fatal cases were one of Diphtheria and one of Enteric.

It has been suggested that Diphtheria might also receive treatment at the Isolation Hospital, but, taking into consideration the nature of the building, I should strongly recommend the plan of confining its use to the

reception of Scarlet Fever cases only. In this matter, my views are confirmed by the County Medical Officer who lately visited the building with me.

Typhoid Fever. There have been three cases during the year, one I regret to say terminated fatally.

Scarlet Fever. As already stated only 9 cases were notified, most of which were dealt with satisfactorily at the Isolation Hospital.

Diphtheria. I understand there has been an epidemic of this disease in other parts of the county, but I am thankful to be able to state it has not visited Retford, only 3 cases being reported, one of which had fatal termination.

NON-NOTIFIABLE DISEASES.

Measles. No cases of Measles have been brought to my notice during the year.

Whooping Cough. A certain amount of this disease is always present, and to quite young children is a serious malady. I find that 6 deaths occurred from this source, 4 of them being cases of children under 1 year.

Diarrhœa. The Deaths from Diarrhœa amount only to 6, 5 of which were those of children under 1 year. This I consider a satisfactory state of things, and no doubt partly due to useful work done by the Ladies Health Association.

OTHER DISEASES.

Cancer. The deaths from this disease again number 11 as in the previous year.

Tubercular Diseases. 12 cases of Phthisis succumbed during the year, and there were also 9 cases of other Tubercular Diseases, making a total of 21, which also represents the same total as last year. According to Regulations of Local Government Board of all cases of

Phthisis, coming under the care of Poor Law Medical Officers, are now notifiable, and with a view to the general adoption of a voluntary notification of such Diseases the Board have very recently issued a printed Memorandum on Administrative Measures against Tuberculosis.

The Board are desirous that in each future Annual Report, a statement should be included of the Action taken by the Local Authority under the Regulations.

It will therefore be necessary during the year 1909, to formulate some scheme to meet the Board's requirements.

Small Pox Hospital. I am happy to state that the building has again remained vacant during the year.

Retford Hospital. There were 13 deaths in the Hospital during the year, 6 of which were non-residents.

Union Workhouse. There were 32 deaths in the Workhouse during the year, 12 of which were non-residents.

Nuisances. Any action taken under this heading will be found in the Report of the Borough Surveyor. My thanks are again due to Mr. Kennedy for his ready assistance.

Dairies, Cowsheds, and Milkshops Order.

The Cowsheds have been carefully examined by both the Borough Surveyor and myself. In view of the coming into force in July, 1909, of the Regulations, regarding air space, the matter is engaging the attention of the Sanitary and Highways Committee.

Elementary Schools. There has been no cause for closure of Schools, owing to epidemics.

Meteorology. The Rain Gauge having been established at the Sewage Works, this matter now falls within the scope of the Borough Surveyor's duties, and a Table of Rainfall will be found in his Report.

BOROUGH OF EAST RETFORD.

**The Factory and Workshops Act,
1901.**

*Cannon Square,
East Retford,
March 15th, 1909.*

GENTLEMEN,

The following is my Report for the year 1908.

During the year 1908, 45 inspections of workshops were made, and in 10 cases written notices were served.

Defects found. 1 case of want of cleanliness, 7 cases of other nuisances, 6 cases of defective sanitary accommodation, making a total of 14 defects found.

I received 6 lists of outworkers during the year.

All dwellings of outworkers were inspected and found in a satisfactory condition.

There are 86 workshops on the register for the Borough.

There have been no legal proceedings during the year.

I am, Gentlemen,

Your obedient servant,

A. E. MANNERS-SMITH.

*To the Urban District Council,
East Retford.*

Vital Statistics.

TABLE I. VITAL STATISTICS OF WHOLE DISTRICT DURING 1908 AND PREVIOUS YEARS.

| 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. | | Nett Deaths at all ages belonging to the District. | | |
|--------------------|--|-----|---------|----|--|-----------------------------------|--------------|--------|--|-----|--|-------|--|--------|--|--|--|
| | 1 | 2 | 3 | 4 | Under one year of age. | | At all ages. | | 9 | 10 | 11 | 12 | 13 | Number | Rate.* | | |
| | | | | | Number. | Rate per 1,000 Births registered. | Number. | Rate.* | | | | | | | | | |
| 1898.. | 11255 | 351 | 31.18 | 58 | 165.24 | 210 | 18.65 | 17 | 9 | 0 | 201 | 17.85 | | | | | |
| 1899.. | 11343 | 352 | 31.03 | 51 | 144.8 | 178 | 15.69 | 21 | 10 | 0 | 168 | 14.81 | | | | | |
| 1890.. | 11432 | 347 | 30.35 | 58 | 167.01 | 203 | 17.75 | 31 | 17 | 0 | 186 | 16.27 | | | | | |
| 1901.. | 12385 | 344 | 27.77 | 43 | 125.0 | 186 | 15.01 | 24 | 9 | 1 | 178 | 14.37 | | | | | |
| 1902.. | 12563 | 330 | 26.26 | 41 | 124.21 | 163 | 12.97 | 30 | 12 | 1 | 152 | 12.1 | | | | | |
| 1903.. | 12741 | 361 | 28.33 | 43 | 119.11 | 159 | 12.48 | 25 | 13 | 0 | 146 | 11.45 | | | | | |
| 1904.. | 12919 | 279 | 21.59 | 48 | 172.08 | 175 | 13.54 | 23 | 11 | 0 | 164 | 12.69 | | | | | |
| 1905.. | 13066 | 348 | 26.63 | 33 | 94.82 | 207 | 15.84 | 37 | 11 | 4 | 200 | 15.3 | | | | | |
| 1906.. | 13218 | 359 | 27.15 | 43 | 119.7 | 206 | 15.5 | 21 | 11 | 3 | 198 | 14.97 | | | | | |
| 1907.. | 13350 | 284 | 21.27 | 28 | 98.59 | 152 | 11.38 | 21 | 10 | 10 | 152 | 11.38 | | | | | |
| Averages for years | | | | | | | | | | | | | | | | | |
| 1898— | 12427 | 335 | 27.1 | 46 | 132.9 | 184 | 14.8 | 25 | 11 | 1.9 | 174 | 14 | | | | | |
| 1907.. | 13514 | 331 | 24.5 | 31 | 93.6 | 185 | 13.7 | 45 | 18 | 7 | 167 | 12.3 | | | | | |

*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 purposes 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), 4498. Total population at all ages, 12340. Number of inhabited houses, 2707. Average number of persons per house, 4.55,—at the Census of 1901.

VITAL STATISTICS—continued. TABLE II.

| Names of Localities | 1 EAST RETFORD. | | | | 2 WEST RETFORD. | | | | 3 NORTH RETFORD. | | | | 4 ORDSALL. | | | |
|--|---|------------------------|-----------------------|------------------------|---|------------------------|-----------------------|------------------------|---|------------------------|-----------------------|------------------------|---|------------------------|-----------------------|------------------------|
| | Population esti- mated to middle of each year | Births regis- tered | Deaths at all Ages | Deaths under 1 year | Population esti- mated to middle of each year | Births regis- tered | Deaths at all Ages | Deaths under 1 year | Population esti- mated to middle of each year | Births regis- tered | Deaths at all Ages | Deaths under 1 year | Population esti- mated to middle of each year | Births regis- tered | Deaths at all Ages | Deaths under 1 year |
| Year | A | B | C | D | A | B | C | D | A | B | C | D | A | B | C | D |
| 1898 | 3454 | 86 | 56 | 12 | 827 | 19 | 18 | 6 | 2492 | 88 | 59 | 17 | 4482 | 158 | 68 | 23 |
| 1899 | 3456 | 92 | 50 | 12 | 829 | 23 | 13 | 2 | 2492 | 87 | 38 | 10 | 4566 | 150 | 67 | 27 |
| 1900 | 3458 | 102 | 52 | 17 | 832 | 13 | 15 | 4 | 2492 | 90 | 48 | 13 | 4650 | 142 | 71 | 24 |
| 1901 | 3436 | 81 | 40 | 7 | 782 | 19 | 20 | 7 | 2934 | 81 | 52 | 13 | 5233 | 163 | 66 | 16 |
| 1902 | 3436 | 67 | 35 | 9 | 782 | 14 | 12 | 2 | 2,77 | 93 | 53 | 15 | 5368 | 156 | 52 | 15 |
| 1903 | 3436 | 92 | 38 | 12 | 782 | 13 | 13 | 1 | 3020 | 58 | 51 | 20 | 5503 | 158 | 44 | 9 |
| 1904 | 3436 | 77 | 48 | 16 | 782 | 17 | 18 | 2 | 3063 | 69 | 44 | 10 | 5638 | 116 | 54 | 20 |
| 1905 | 3470 | 88 | 54 | 6 | 782 | 18 | 19 | 1 | 3101 | 100 | 62 | 14 | 5713 | 142 | 65 | 12 |
| 1906 | 3512 | 98 | 47 | 10 | 782 | 15 | 15 | 4 | 3149 | 99 | 51 | 6 | 5775 | 147 | 85 | 23 |
| 1906 | 3544 | 72 | 41 | 9 | 733 | 14 | 13 | 1 | 3174 | 71 | 46 | 3 | 5849 | 127 | 53 | 15 |
| Averages of years 1898 to 1907 .. | 3463 | 85 | 46 | 11 | 796 | 16 | 15 | 3 | 2889 | 87 | 50 | 12 | 5277 | 145 | 62 | 18 |
| 1903 .. | 3493 | 81 | 53 | 13 | 804 | 14 | 6 | 0 | 2908 | 81 | 55 | 7 | 5373 | 155 | 53 | 11 |

VITAL STATISTICS—continued. TABLE III.

Cases of Infectious Disease notified during the year 1908.

| Notifiable Disease. | Cases notified in whole district. | | | | | Total Cases notified in each Locality. | | | | No. of Cases removed to Hospital from each Locality. | | | |
|---------------------|-----------------------------------|----------------|--------|---------|----------|--|-----|-----|-------|--|----|----|----|
| | At all Ages. | At Ages—Years. | | | | 1 E | 2 W | 3 N | 4 O H | 1 | 2 | 3 | 4 |
| | | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 |  |  |  |  |  |  |  |  | 25 to 65 | 65 and upwards |
| Small-pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cholera | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Diphtheria | 3 | 1 | 2 | .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Membranous Group | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Erysipelas | 12 | 1 | 1 | 2 | 5 | 4 | 4 | 4 | .. | .. | .. | .. | .. |
| Scarlet Fever | 9 | 2 | 4 | 3 | .. | 3 | 1 | 5 | .. | .. | .. | .. | .. |
| Typhus fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Enteric fever | 3 | .. | .. | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Relapsing fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Continued fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Puerperal fever | 3 | .. | .. | 3 | .. | .. | 1 | 2 | .. | .. | .. | .. | .. |
| Plague | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Totals | 30 | 1 | 4 | 7 | 9 | 7 | 8 | 13 | 8 | 1 | .. | .. | .. |

The Isolation Hospital is "Arlington House," New Street, Retford. The Small-pox Hospital is in North Retford.

VITAL STATISTICS—continued. TABLE IV.

Causes of, and Ages at, Death during Year 1908.

East Retford Urban 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 local- ities, whether occurring in or be- yond the district. | | | | Total deaths whether of Residents or non Resid- ents in Public Institu- tions in the District. |
|--|---|------------|---------------------|---------------------|----------------------|-----------------------|---------------------|--------------------|---|----------------------|-------------|-----|---|
| | 2 All Ages. | 3 Under 1. | 4 1 and under 5. | 5 5 and under 15 | 6 15 and under 25 | 7 25 and under 65. | 8 65 and upwards | 9 East Retford. | 10 West Retford. | 11 North Retford. | 12 Ordsall. | 13 | |
| Small Pox - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Scarlet Fever - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whooping Cough - | 6 | 4 | 2 | ... | ... | ... | ... | 1 | ... | 2 | 3 | ... | ... |
| Diphtheria and Membranous Croup - | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| Croup - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fever { Typhus - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Enteric - | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... |
| { Other continued - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Epidemic Influenza - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cholera - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Plague - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diarrhoea - | 6 | 5 | ... | ... | ... | 1 | ... | 1 | ... | 3 | 2 | ... | ... |
| Enteritis - | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... |
| Puerperal Fever - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Erysipelas - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Septic Diseases - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Phthisis (Pulmonary Tuberculosis) | 12 | ... | 2 | ... | 1 | 9 | ... | 3 | ... | 6 | 3 | ... | ... |
| Other Tubercular Diseases - | 9 | 1 | 1 | 7 | ... | ... | ... | 2 | ... | 4 | 3 | ... | ... |
| Cancer, Malignant Disease - | 11 | ... | ... | ... | ... | 6 | 5 | 4 | 1 | 2 | 4 | ... | ... |
| Bronchitis - | 6 | 1 | 1 | ... | ... | 1 | 3 | 5 | ... | ... | 1 | ... | ... |
| Pneumonia - | 7 | 1 | 1 | ... | ... | 2 | 3 | 2 | 1 | 1 | 3 | ... | ... |
| Pleurisy - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Diseases of Respiratory Organs - | 1 | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... |
| Alcoholism - | 1 | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... |
| Cirrhosis of Liver - | 1 | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... |
| Venereal Diseases - | 5 | 5 | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... |
| Premature Birth - | 5 | 5 | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... |
| Diseases and Accidents of Parturition - | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Heart Diseases - | 7 | ... | ... | ... | ... | 2 | 5 | 4 | 1 | 2 | ... | ... | ... |
| Accidents - | 7 | 1 | 1 | ... | ... | 3 | 2 | 1 | ... | 1 | 5 | ... | ... |
| Suicides - | 1 | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... |
| All other causes - | 83 | 11 | 2 | 1 | 1 | 20 | 48 | 22 | 2 | 29 | 30 | ... | ... |
| All causes - | 167 | 31 | 12 | 8 | 3 | 47 | 66 | 53 | 6 | 54 | 54 | ... | ... |

VITAL STATISTICS—continued. TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1908.*Deaths from stated Causes in Weeks and 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 1 Year. |
|--|--|----------------------------|---------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|----------------------------|
| | | Common Infectious Diseases | Small-pox | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Chicken-pox | . | | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Measles | . | | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Scarlet Fever | . | | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Diphtheria : Croup Whooping Cough | . | | . | . | . | . | . | 1 | 1 | 1 | 1 | 1 | 1 | 1 | . | . | . | 5 |
| Diarrhoeal Diseases | Diarrhoea, all forms | . | . | . | . | . | . | . | . | . | 1 | . | 1 | . | . | 2 | . | 4 |
| | Enteritis | . | . | . | . | . | . | . | 1 | . | . | . | 1 | . | . | . | . | 2 |
| | Gastritis, Gastrointestinal Catarrh | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Wasting Diseases | Premature Birth | 3 | 1 | . | 1 | 5 | 1 | . | . | . | . | . | . | . | . | . | . | 6 |
| | Congenital Defects | 2 | . | 1 | . | 3 | . | . | . | . | . | . | . | . | . | . | . | 4 |
| | Injury at Birth | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | Want of Breast-milk | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | Atrophy, Debility, Marasmus | . | . | 1 | . | 1 | . | . | . | . | . | . | . | . | . | . | . | 1 |
| Tuberculous Diseases | Tuberculous Meningitis | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | Tuberculous Peritonitis | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | Tabes Mesenterica | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | Other Tuberculous Diseases | . | . | . | . | . | . | . | 1 | . | . | . | . | . | . | . | . | 1 |
| Erysipelas | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Syphilis | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Rickets | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Meningitis | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| (not Tuberculous). | | | | | | | | | | | | | | | | | | |
| Convulsions | . | . | . | . | . | . | 1 | . | . | . | . | . | 1 | . | . | 1 | . | 3 |
| Bronchitis | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 1 | . | . | 1 |
| Laryngitis | . | . | . | . | . | . | . | . | . | 1 | . | . | . | . | . | . | . | 1 |
| Pneumonia | . | . | . | . | . | . | . | . | . | . | . | . | . | 1 | . | . | . | 1 |
| Suffocation, Overlaying | . | . | . | . | . | . | 1 | . | . | . | . | . | . | . | . | . | . | 1 |
| Other Causes | . | 1 | . | . | . | 1 | . | . | . | . | . | . | . | . | . | . | . | 1 |
| | | 5 | 2 | 2 | 1 | 10 | 4 | 1 | 2 | 1 | 3 | . | 3 | 2 | 1 | 1 | 3 | 31 |

District of East Retford Borough. Births in the year:—legitimate, 304 ;
illegitimate, 27. Deaths from all Causes at all Ages, 167.

Population, estimated to middle of 1908, 13514.

BOROUGH EAST EAST RETFORD.

A report on some of the work of the Borough Surveyor's and Sanitary Inspector's Departments.

To accompany the Medical Officer's Report for 1908.

GENTLEMEN,

Considerable progress in Sanitary work has been made as the following statistics show :

| | | |
|---|---|------|
| <p>Inspections made principally in connection with drainage and conversion of privies to water closets, entailing a considerable amount of work in testing and searching for defects and including some bake-houses, cowsheds, and milkshops.</p> | } | 1306 |
| <p>Further inspections and tests during the progress of drainage and conversion works.</p> | } | |
| <p>Inspections of new buildings.</p> | } | |

| | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|-----------------|
| <p>Notices sent chiefly under Sec. 23 & 36 of the Public Health Act, 1875, to construct drains and provide water closets</p> | <p>.....</p> | <p>.....</p> | <p>.....</p> | <p>.....</p> | <p>.....</p> | <p>.....174</p> |
|--|--------------|--------------|--------------|--------------|--------------|-----------------|

DRAINAGE AND CONVERSION PROGRESS.

| | | |
|--|--------------|-----------------|
| <p>No. of houses connected with new sewers</p> | <p>.....</p> | <p>251</p> |
| <p>also</p> | | |
| <p>Shambles, Fire Station, etc., Bolham Size Works, General Post Office, Messrs. Waterfield's Fellmongeries, Workhouse (part).</p> | | |
| <p>Sewage drains laid, approved and tested</p> | | <p>miles 3</p> |
| <p>Rainwater drains</p> | <p>.....</p> | <p>„ ½</p> |
| <p>No. of sewage gulleys</p> | <p>.....</p> | <p>.....373</p> |

| | | | | |
|--------------------------|-------|-------|-------|-----|
| No. of rainwater gulleys | ..... | ..... | ..... | 40 |
| „ disconnections | ..... | ..... | ..... | 105 |
| „ air inlets | ..... | ..... | ..... | 22 |
| „ ventilating shafts | ..... | ..... | ..... | 125 |
| „ inspecting chambers | ..... | ..... | ..... | 300 |
| „ w.c.s. connected | ..... | .. | ... | 248 |
| „ privies abolished | ..... | ..... | ..... | 148 |
| „ pail closets abolished | ..... | ..... | ..... | 31 |
| „ cesspools abolished | ..... | ..... | ..... | 6 |
| „ old drains destroyed | ..... | ..... | yards | 588 |

| Year. | Houses connected | | | |
|-------|------------------|-------|-------|-------|
| 1902 | | | | 367 |
| 1903 | | | | 229 |
| 1904 | | | | 215 |
| 1905 | | | | 313 |
| 1906 | | | | 252 |
| 1907 | | | | 332 |
| 1908 | | | | 251 |
| | | | | ----- |
| | | | | 1959 |
| | | | | ----- |

| | |
|---|------|
| Total houses within drainage area Dec. 31, 1908 | 2766 |
| Total connection to Dec. 31st, 1908... .. | 1959 |
| Houses yet to be connected | 807 |

Other matters attended to: houses and bedding and other articles disinfected and cleansed, bakehouses cleansed and whitewashed, abatement of nuisances caused by overcrowding, keeping swine, storage of manure and other refuse, stopped drains, water closets provided with increased flushing power.

Cowsheds. In view of the regulation under Part II as to air space coming into effect in July next, many cowsheds have been carefully examined and measured and information regarding them recorded. This matter is having the attention of the Sanitary and Highways Committee.

Schools. Drains of all the schools under the Education Authority have been individually inspected and flushed.

Building Progress. 34 plans approved for 40 houses, auction room and offices, 10 alterations and additions to buildings, 4 temporary buildings, factory and workshop extensions, business premises, 2 stables.

Certificates issued for 19 new houses fit for human habitation. **Other Buildings erected:** auction room and offices, 6 additions and alterations, 2 temporary buildings, 3 factory and workshop extensions, 2 stables, warehouses.

Rainfall in 1908.

Taken at the Sewage Disposal Works, Bolham.
Height of gauge 74 feet above approximate mean water
at Liverpool.

| Month. | Inches. | No. of Days Rain fell. |
|--------------------|---------|---------------------------|
| January | 0.90 | 10 |
| February..... | 1.43 | 15 |
| March | 1.81 | 20 |
| April | 2.11 | 17 |
| May | 1.91 | 15 |
| June | 1.68 | 9 |
| July | 2.52 | 14 |
| August | 2.79 | 18 |
| September | 1.64 | 19 |
| October | 0.79 | 15 |
| November | 1.33 | 14 |
| December | 1.35 | 17 |
| Total in year..... | 21.26 | 183 |

On each of 17 days in the above was recorded only 0.01.

Heaviest rainfall in one day, 0.70 on March 25th.

Snow fell on two days in January, on three days in February, on four days in March, on one day in April, and one day in December.

I am, Gentlemen,

Your obedient servant,

Market Square,

March 16th, 1909.

J. D. KENNEDY,

Rainfall in 1906.

| Station | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | Total |
|-----------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|-------|
| Albany | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.3 | 3.6 | 3.9 | 4.2 | 4.5 | 48.0 |
| Buffalo | 1.0 | 1.3 | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 4.0 | 4.3 | 45.0 |
| Chester | 0.8 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.6 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 42.0 |
| Elmira | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.3 | 3.6 | 3.9 | 4.2 | 45.0 |
| Geneva | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.6 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 48.0 |
| Rochester | 1.3 | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 4.0 | 4.3 | 4.6 | 51.0 |
| Syracuse | 1.4 | 1.7 | 2.0 | 2.3 | 2.6 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 54.0 |
| Watkins | 1.0 | 1.3 | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 4.0 | 4.3 | 45.0 |
| Yonkers | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.6 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 48.0 |

The total rainfall for the year 1906 was 54.0 inches at Syracuse, 48.0 inches at Albany, 45.0 inches at Buffalo, 42.0 inches at Chester, 45.0 inches at Elmira, 48.0 inches at Geneva, 51.0 inches at Rochester, 45.0 inches at Watkins, and 48.0 inches at Yonkers.