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TWENTY-EIGHTH

ANNUAL REPORT



ON THE

Public Health

OF THE

BOROUGH OF



BRIGHOUSE

FOR THE YEAR 1920,

BEING THE

TWENTY-FOURTH ANNUAL REPORT

OF

FREDERIC WILLIAM MARTIN,

M.R.C.S. Eng., L.R.C.P. & S. Ed., D.P.H., &c.,

Medical Officer of Health for the Borough.

Medical Superintendent of the Brighouse Joint Hospital.

Fellow of the Incorporated Society of Medical Officers of Health.

Formerly School Medical Officer to the Borough of Brighouse

(Resigned March, 1916).

BRIGHOUSE :

THE PREMIER PRINTING CO. (BRIGHOUSE), LIMITED.

1921.

Borough of Brighouse

Health Committee, 1919-20.

His Worship the Mayor :

Alderman D. C. HOLMES, J.P.

Succeeded in November, 1920, by Alderman D. HARDAKE R, J.P.

Chairman :

Councillor SYKES.

Succeeded in November, 1920, by Alderman TURNER.

Vice-Chairman :

Councillor JOHN BOTTOMLEY.

Members of Committee :

| | | | |
|------------|------------|------------|-----------|
| Alderman | HARDAKER,* | Councillor | HOYLE, |
| „ | TURNER,* | „ | LAWSON,* |
| Councillor | FOSTER, | „ | NAYLOR, |
| „ | ARMITAGE,* | „ | ROBERTS, |
| „ | HOLLAND, | „ | WHITELEY. |

* In November, Councillors DEWHIRST, ELLIS, WADSWORTH
and M. G. SUGDEN succeeded the above-marked.

INTRODUCTION.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

MADAM AND GENTLEMEN,

It is always more or less a tedious duty collecting statistics for the Annual Health Report, but when it is accomplished there is a certain amount of pleasure to be derived at all events by the Medical Officer of Health, and this is specially increased this year, principally because it is the last report I shall make for the Borough.

I had hopes this time last year that a Public Enquiry would have been arranged as to the administration of the Health Department, but these hopes did not mature.

As is now so well known, after a few visits from Inspectors of the Ministry of Health, matters were arranged at the end of the year by which I was offered a retiring pension as Consultant Medical Officer of Health. . . . This I eventually accepted, and at the end of April of the present year—1921—after exactly twenty-four years' service, I resigned the post of the most poorly-paid Medical Officership in the United Kingdom.

By the courtesy of my brother Medical Officers, I have again been able to obtain returns of the most regular forms of statistics, and the table furnished will be seen in the Appendix.

I wish to point out that compared with other towns of the West Riding we stand rather low as regards the Birth Rate. To balance this we have a low ^{Death} Birth Rate, and we can compare very favourably in most of the other returns.

The most satisfactory of all the returns is the one relating to the Infant Mortality rate, though it is not quite so good as the Brighouse record for 1916 ; it is still appreciably below the rate of the 148 smaller towns in England and Wales, with which this Borough is included.

A near subject to the Infantile Mortality rate is the Maternity Home and Child Welfare Clinic. The latter, I believe, is doing good work, and is well attended by Mothers with their young children. This work is well looked after by your Health Visitor, whose services are appreciated by the parents and guardians, and it seems a pity that the Maternity Home should have to be disbanded.

I am of the opinion—and it is a strong opinion, too—that if your Medical Officer of Health had a free hand in managing the Home—being responsible, of course, to the Health Committee—its success would be assured.

There has not been any alarming outbreak of sickness during the year, and though there were fears at one time of invasion by Smallpox, I am glad to say no cases were made known.

Apart from the number of cases most likely to occur when it does make its re-appearance, on account of the great proportion of unvaccinated young people, it is still to be shunned for the reason that by more than all other diseases added together does it interfere with the ordinary avocations of the people. I may mention that the arrangement entered into with the Halifax Corporation and the Brighthouse Joint Hospital Board, by which any cases from your district will be removed to Halifax, still exists.

In addition to my thanks being extended to my brother Medical Officers for their assistance with rates, etc., my report would savour of great ingratitude if I omitted to offer my warmest thanks to all the officials of the Corporation for their ever ready willingness to furnish me in the past with particulars and assistance in routine matters. This I do heartily, and I might add that my only regret at retiring is the severance of such good fellowship as has existed.

Unfortunately, last month your Sanitary Inspector, Mr. Allison, who had been incapacitated from his work since last October, succumbed. He stood well in his Society, having been for many years Secretary to the Sanitary Inspectors' Association. "May he rest in peace."

In the Appendix will be found as usual all the facts and figures in the usual tabulated form, and at the end of Table C will still be found the list of requirements—still required in the opinion of

Yours faithfully,

FRED W. MARTIN,

Medical Officer of Health.

BRIGHOUSE.

ITS PHYSICAL FEATURES, GENERAL SURROUNDINGS, &c.

Situated on the River Calder, in a valley of the same name, surrounded practically by hilly woodland, with easy access to the country in each direction, this town is almost centrally located between Halifax on the West, Bradford on the North, and Huddersfield on the South. Its distance from the first and last-named places being about four miles, and from Bradford about seven miles. It is well served with train service by the L. & Y., G. N., and Midland Railway Companies; and for some years we have been connected also with Halifax by through tram service; and since June, 1913, the tram service between Bailiffe Bridge and Bradford has been linked up, giving to Brighouse people practically direct service to that city.

The general condition of the community is good, there being very little real poverty in the town.

The industries are numerous and comprise :—

- A. Stone Quarrying.
- B. Silk Factories.
- C. Cotton Factories.
- D. Woollen and Worsted Factories.
- E. Iron and Brass Foundries.
- F. Wire Works.
- G. Dye Works.
- H. Flour Mills.

A.—The ailments principally affecting workers in this trade are Respiratory, including Phthisis.

B.—Silk Factories. Both Males and Females are employed. Phthisis most prominent disease.

C.—Cotton Factories. Both Males and Females are employed, and Phthisis again chief ailment.

D.—Woollen and Worsted. No special complaint is attributed by the workers—both Male and Female—to the routine of their occupation.

E.—Iron and Brass Foundries. One department of this work—the polishing or buffing, as it is called—is answerable for the causation of Phthisis.

F.—Wire Works. Nothing out of the general run of illness is traceable to these.

G.—Dye Works. The use of chrome and other dyes in many instances has the effect of producing a peculiar eczematous condition of the skin. Rheumatism is also prevalent.

H.—No special illness attributable.

The general housing accommodation is good. There is a sufficiency of open spaces, and with few exceptions the cleanliness of the house surroundings is good.

The supervision over new houses is efficient, and no back-to-back houses have been built for over twenty years. House inspection is systematically carried out.

The water supply is good, being supplied by the Halifax Corporation at a fixed price in perpetuity. As reported previously, it would be materially improved if it were filtered before reaching Brighthouse, as the complaints were very numerous in this respect during the last year.

There was no case of Plumbism reported in this connection.

There are two Slaughterhouses—one being public. Both are well kept and supervised.

Sewerage and drainage of the town nearly completed. Portions still required, though extensions have been made since last report.

Sewerage Outfall Works belonging to Brighthouse are situated at Cooper Bridge, about two miles beyond the boundary of this town. Area of land, about 50 acres. Form of treatment: Intermittent land filtration, plus chemical precipitation. Is now under the control of Borough Surveyor. Present condition not considered satisfactory, and same is being remodelled.

Excreta removal principally by pail system. Conversion of these closets when practicable to water carriage system strongly advocated. Privy middens in existence at end of December, 1919, 329. As this number seems wrong when compared with the returns for 1918, it is only fair to state that the Inspector has enumerated every privy that is connected with a midden—for instance, one old-fashioned midden may have as many as six or eight closets, and so on. The transference of these to the better system still continues to be a slow process, but is now being strenuously pushed on.

Domestic or ash tub refuse is removed by scavengers to the Sanitary Depot and other rubbish tips. For a time tipping within the Borough was discontinued. It has recently been resumed, and I am still of the opinion that the safest way to get rid of all this class of material will be by means of a Refuse Destructor. The paper from the refuse at the Depot is picked out and burnt in a small furnace there, and the ashes riddled and mixed with excreta and sold as manure.

Abatement of Nuisances.—Preliminary notices are first served on those causing, followed if necessary by statutory notices. Most of the nuisances are abated without further action.

Some houses are let in Lodgings, and Bye-laws are required in connection with these.

Public Elementary Schools.—Sanitary condition good. Frequently visited by Medical Officer of Health and School Nurse. Scholars suffering from Ringworm, Pediculosis—Skin affections of all forms if contagious—rigidly excluded from school until cured. Tubs or pail closets are being gradually replaced by W.C.'s.

In cases of Notifiable Infectious Disease, scholars affected isolated (principally in Hospital) and contacts debarred from school on latest regulation, return certificates being signed by Medical Officer of Health. Sanitary condition of two other schools—Grammar School for Boys and Secondary School for Girls—both very good.

Infectious Disease Notification.—Compulsory : Small Pox, Scarlet Fever, Diphtheria and Membranous Croup, Fevers (Typhus, Typhoid and Continuous), Puerperal Fever, Erysipelas, Acute Poliomyelitis and Cerebro Spinal Fever, Ophthalmia Neonatorum, and Pneumonia.

Removal of Patients.—Small Pox cases are to be removed to Halifax Corporation Small Pox Hospital on still existing agreement. Scarlet Fever, Diphtheria and Typhoid Fever cases are treated at the Brighouse Joint Hospital, just outside the Borough.

Tuberculosis.—Control of, much improved by reason of compulsory notification of all forms, together with provision of Tuberculosis Dispensary—attendance weekly—and Sanatoria installed by West Riding County Council. Still room for further improvement and treatment of cases in early stages.

STATISTICAL AND SANITARY MEMORANDA, 1920.

| | | | | |
|--|----|----|----|--------|
| POPULATION OF BOROUGH—1891 | .. | .. | .. | 20,666 |
| " " 1901 | .. | .. | .. | 21,735 |
| " " 1911 | .. | .. | .. | 20,845 |
| " Estimated to middle of 1920 | | | | |
| Registrar-General | .. | .. | .. | 20,871 |

INHABITED HOUSES at end of 1920 5,414

ACREAGE OF BOROUGH 2,224
(Rastrick 1,371, Hove Edge 450, Brighthouse 403.)

GEOLOGICAL FORMATION—

Sandstone Grit, overlying Coal Measures.

MEAN ALTITUDE—

| | | | |
|-------------|----|-----|---------------------------|
| Rastrick | .. | .. | 410 feet above Sea level. |
| Hove Edge | .. | 357 | " " |
| Brighthouse | .. | 276 | " " |

BIRTH RATE per 1,000 of Population (Corrected) .. 20.27

DEATH RATE per 1,000 of Population (Corrected) .. 12.98

Zymotic Death Rate (Seven principal)

per 1,000 of Population .. 0.53

| | | | | |
|-----------|----|----|----|------|
| Influenza | .. | .. | .. | 0.19 |
|-----------|----|----|----|------|

| | | | | |
|--------|----|----|----|------|
| Cancer | .. | .. | .. | 1.34 |
|--------|----|----|----|------|

Tuberculosis—

| | | | | |
|-------|----|----|----|------|
| Lungs | .. | .. | .. | 1.10 |
|-------|----|----|----|------|

| | | | | |
|-------|----|----|----|------|
| Other | .. | .. | .. | 0.24 |
|-------|----|----|----|------|

| | | | | |
|-------------|----|----|----|------|
| Respiratory | .. | .. | .. | 2.59 |
|-------------|----|----|----|------|

| | | | | |
|--------------------------------------|----|----|----|-------|
| Infantile Mortality per 1,000 Births | .. | .. | .. | 73.16 |
|--------------------------------------|----|----|----|-------|

VITAL STATISTICS FOR ENGLAND AND WALES, 1920. PERCENTAGE OF TOTAL DEATHS.

| 1920 | Birth Rate per 1000 popula- tion. | Death Rate All Causes. | Rate Enteric Fever. | Measles. | Scarlet Fever. | Whooping Cough. | Diphtheria. | Influenza. | Violence. | Diarr. and Enteritis under 2 years. | Total Deaths under 1 year. Rate per 1,000 Births. | In Public Institu- tions. | Certif. Causes of Death. | Inquest Cases. | Un- certified Causes of Death. |
|---|---|---------------------------------|---------------------------|----------|-------------------|--------------------|-------------|------------|-----------|---|---|------------------------------------|-----------------------------------|-------------------|---|
| England & Wales . . | 25.4 | 12.4 | 0.01 | 0.19 | 0.04 | 0.11 | 0.15 | 0.28 | 0.48 | 8.3 | 80. | 24.3 | 92.2 | 6.6 | 1.2 |
| 96 Great Towns, in- cluding London, 50,000 and over . . | 26.2 | 12.5 | 0.01 | 0.22 | 0.04 | 0.14 | 0.16 | 0.31 | 0.43 | 10.4 | 85. | 31.3 | 92.2 | 7.1 | 0.7 |
| 148 Smaller Towns, 20—50,000 | 24.9 | 11.3 | 0.02 | 0.19 | 0.03 | 0.10 | 0.14 | 0.27 | 0.38 | 7.8 | 80. | 16.5 | 93.2 | 5.3 | 1.5 |
| London | 26.5 | 12.4 | 0.01 | 0.22 | 0.05 | 0.17 | 0.22 | 0.30 | 0.47 | 9.5 | 75. | 46.8 | 91.2 | 8.6 | 0.2 |
| Brighouse | 20.29 | 12.98 | 0.00 | 0.33 | 0.05 | 0.00 | 0.14 | 0.19 | 0.48 | 4.7 | 73.29 | 0.00 | 94.5 | 5.5 | 0.00 |

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

1920.

BIRTHS.

Table for past 10 Years :—

| Year. | | Males. | | Females. | | Total. |
|------------------------|----|--------|----|----------|----|--------|
| 1911 | .. | 192 | .. | 175 | .. | 367 |
| 1912 | .. | 191 | .. | 168 | .. | 359 |
| 1913 | .. | 195 | .. | 178 | .. | 373 |
| 1914 | .. | 198 | .. | 183 | .. | 381 |
| 1915 | .. | 174 | .. | 171 | .. | 345 |
| 1916 | .. | 182 | .. | 163 | .. | 345 |
| 1917 | .. | 128 | .. | 167 | .. | 295 |
| 1918 | .. | 172 | .. | 132 | .. | 304 |
| 1919 | .. | 143 | .. | 150 | .. | 293 |
| 1920 | .. | 199 | .. | 224 | .. | 423 |
| Average for 10 Years.. | | 177.4 | | 171.1 | | 348.5 |

Quarterly Returns of Births, 1920 :—

| | | | | | | |
|----------------|----|-----|----|-----|----|-----|
| First Quarter | .. | 54 | .. | 50 | .. | 104 |
| Second Quarter | .. | 48 | .. | 62 | .. | 110 |
| Third Quarter | .. | 56 | .. | 55 | .. | 111 |
| Fourth Quarter | .. | 41 | .. | 57 | .. | 98 |
| Total | .. | 199 | | 224 | | 423 |

DEATHS.

Table of Deaths for past 10 Years :—

| Year. | | Males. | | Females. | | Total. |
|--------------------------|----|--------|----|----------|----|--------|
| 1911 | .. | 125 | .. | 133 | .. | 258 |
| 1912 | .. | 146 | .. | 148 | .. | 294 |
| 1913 | .. | 158 | .. | 126 | .. | 284 |
| 1914 | .. | 153 | .. | 137 | .. | 290 |
| 1915 | .. | 179 | .. | 152 | .. | 331 |
| 1916 | .. | 143 | .. | 173 | .. | 316 |
| 1917 | .. | 144 | .. | 155 | .. | 299 |
| 1918 | .. | 183 | .. | 190 | .. | 373 |
| 1919 | .. | 140 | .. | 155 | .. | 295 |
| 1920 | .. | 141 | .. | 130 | .. | 271 |
| Average per 10 Years . . | | 151.2 | | 149.9 | | 301.1 |

Quarterly Return of Deaths, 1920 :—

| | | | | | | |
|----------------|----|-----|----|-----|----|-----|
| First Quarter | .. | 47 | .. | 31 | .. | 78 |
| Second Quarter | .. | 40 | .. | 33 | .. | 73 |
| Third Quarter | .. | 23 | .. | 23 | .. | 46 |
| Fourth Quarter | .. | 31 | .. | 43 | .. | 74 |
| Total | .. | 141 | | 130 | | 271 |

INFANTILE DEATH RATE for Twenty-Four Years :—

| | | | | | | | |
|------|----|-----|-------------------|------|----|------|-------------------|
| 1897 | .. | 129 | per 1,000 Births. | 1909 | .. | 97 | per 1,000 Births. |
| 1898 | .. | 198 | " " | 1910 | .. | 89 | " " |
| 1899 | .. | 128 | " " | 1911 | .. | 79 | " " |
| 1900 | .. | 151 | " " | 1912 | .. | 81 | " " |
| 1901 | .. | 176 | " " | 1913 | .. | 67 | " " |
| 1902 | .. | 125 | " " | 1914 | .. | 76 | " " |
| 1903 | .. | 120 | " " | 1915 | .. | 104 | " " |
| 1904 | .. | 106 | " " | 1916 | .. | 61 | " " |
| 1905 | .. | 111 | " " | 1917 | .. | 88.4 | " " |
| 1906 | .. | 141 | " " | 1918 | .. | 118 | " " |
| 1907 | .. | 99 | " " | 1919 | .. | 88.6 | " " |
| 1908 | .. | 104 | " " | 1920 | .. | 73.3 | " " |

TABLE OF DEATHS OF CHILDREN AGED 1—5 YEARS.

| | | | | | |
|------|----|----|------|----|----|
| 1897 | .. | 39 | 1909 | .. | 27 |
| 1898 | .. | 52 | 1910 | .. | 27 |
| 1899 | .. | 36 | 1911 | .. | 26 |
| 1900 | .. | 55 | 1912 | .. | 23 |
| 1901 | .. | 44 | 1913 | .. | 21 |
| 1902 | .. | 41 | 1914 | .. | 20 |
| 1903 | .. | 39 | 1915 | .. | 40 |
| 1904 | .. | 34 | 1916 | .. | 18 |
| 1905 | .. | 24 | 1917 | .. | 23 |
| 1906 | .. | 31 | 1918 | .. | 36 |
| 1907 | .. | 33 | 1919 | .. | 15 |
| 1908 | .. | 40 | 1920 | .. | 13 |

MORTALITY TABLES, 1920.

I. YEARS 0-1.

Pneumonia 6, Premature Birth 4, Atelectasis 3, Congenital Malformation 3, Convulsions 3, Bronchitis 3, Accidental Suffocation 2, Measles 1, Rickets 1, Inflammation of Brain 1, Diseases of Organs of Special Sense 1, Laryngitis 1, Debility 1, Fractures 1 31

II. YEARS 1-2.

Measles 3, Tuberculous Meningitis 1, Laryngitis 1, Burn 1 .. . 6

III. YEARS 2-5.

Diphtheria 3, Measles 2, Rickets 1, Tuberculous Meningitis 1 .. 7

IV. YEARS 5-15.

Phthisis 3, Tuberculous Meningitis 2, Measles 1, Scarlet Fever 1, Other Miasmatic Diseases 1, Rheumatic Fever 1, Valvular Diseases of Heart 1, Diabetes 1 11

V. YEARS 15-25.

Phthisis 5, Pneumonia 3, Tuberculous Meningitis 1, Acute Endocarditis 1, Peritonitis 1, Suicide 1 12

VI. YEARS 25-35.

| | |
|--|----|
| Phthisis 3, Valvular Diseases of Heart 3, Pneumonia 2, Epilepsy 1, Rheumatic Fever 1, Bronchitis 1, Diseases of Stomach 1, Jaundice 1, Carbuncle 1 | 14 |
|--|----|

VII. YEARS 35-45.

| | |
|---|----|
| Phthisis 6, Cancer 3, Pneumonia 3, Valvular Diseases of Heart 2, Inflammation of Brain 1, Diseases of Stomach 1, Peritonitis 1, Carbuncle 1, Other Diseases of Integumentary System 1, Fractures 1 | 20 |
|---|----|

VIII. YEARS 45-55.

| | |
|--|----|
| Cancer 6, Valvular Diseases of Heart 6, Phthisis 4, Pneumonia 4, Apoplexy 3, Rheumatism 2, Other Diseases of Heart 2, Anæmia 1, Inflammation of Brain 1, Asthma 1, Bronchitis 1, Pleurisy 1, Other Diseases of Respiratory System 1, Peri- tonitis 1, Bright's Disease 1, Suicide 1, Fractures 1 | 37 |
|--|----|

IX. YEARS 55-65.

| | |
|---|----|
| Cancer 14, Apoplexy 6, Influenza 4, Valvular Diseases of Heart 4, Bronchitis 3, Phthisis 2, Pneumonia 2, Enteritis 2, Bright's Disease 2, Old Age 1, Other Diseases of Heart 1, Other Diseases of Blood Vessels 1, Other Diseases of Respiratory System 1, Diseases of Stomach 1, Jaundice 1, Nephritis 1, Diabetes 1, Fractures 1 | 48 |
|---|----|

X. YEARS 65-75.

| | |
|--|----|
| Valvular Diseases of Heart 8, Old Age 7, Bronchitis 6, Apoplexy 5, Cancer 3, Other Diseases of Blood Vessels 3, Pneumonia 3, Rheumatism 1, Other Diseases of Nervous System 1, Laryngi- tis 1, Emphysema 1, Other Diseases of Respiratory System 1, Bright's Disease 1, Disease of Bladder or of Prostate 1, Causes ill-defined 1 | 43 |
|--|----|

XI. YEARS 75 AND OVER.

| | |
|--|----|
| Old Age 12, Apoplexy 9, Bronchitis 5, Other Diseases of Blood Vessels 3, Cancer 2, Valvular Diseases of Heart 2, Disease of Bladder or of Prostate 2, Gout 1, Anæmia 1, Emphysema Asthma 1, Pneumonia 1, Jaundice 1, Other Diseases of Integu- mentary System 1, Fractures 1 | 42 |
|--|----|

| | |
|---------------|-----|
| Total | 271 |
|---------------|-----|

INQUESTS.

There were 15 during the year, and were as to the deaths of the following :—

Female, 52, Pneumonia.
 Female, 68, Heart Failure.
 Male, 4 months, Pneumonia.
 Female, 81, Old Age.
 Male, 59, Accidental Fall.
 Male, 7 months, Accidental Fracture of Skull.
 Male, 11 days, Accidental Suffocation.
 Female, 74, Softening and Accidental Fall.
 Female, 22, Suicidal Drowning.
 Male, 52, Heart Failure.
 Female, 66, Heart Failure and Accidental Fall.
 Female, 7 months, Accidental Choking.
 Female, 58, Stomach.
 Male, 36, Accidental Fall.
 Male, 38, Pneumonia

ANNUAL SUMMARY OF THE CAUSES OF ALL THE DEATHS OF BRIGHOUSE RESIDENTS, 1920.

1.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES.

Measles 7, Influenza 4, Diphtheria 3, Scarlet Fever 1,
 Other Miasmatic Diseases 1 16

2.—PARASITIC DISEASES 0

3.—DIETIC DISEASES 0

4.—CONSTITUTIONAL DISEASES.

Cancer 28, Phthisis 23, Tuberculous Meningitis 5, Rheu-
 matism 3, Rheumatic Fever 2, Diabetes 2, Rickets 2,
 Anæmia 2, Gout 1 68

5.—DEVELOPMENTAL DISEASES.

Old Age 20, Premature Birth 4, Atelectasis 3, Congenital
 Malformation 3 30

6.—LOCAL DISEASES.

(a) NERVOUS SYSTEM.

Apoplexy 23, Inflammation of Brain 3, Convul-
 sions 3, Epilepsy 1, Other Diseases of Nervous
 System 1 31

(b) SPECIAL SENSE.

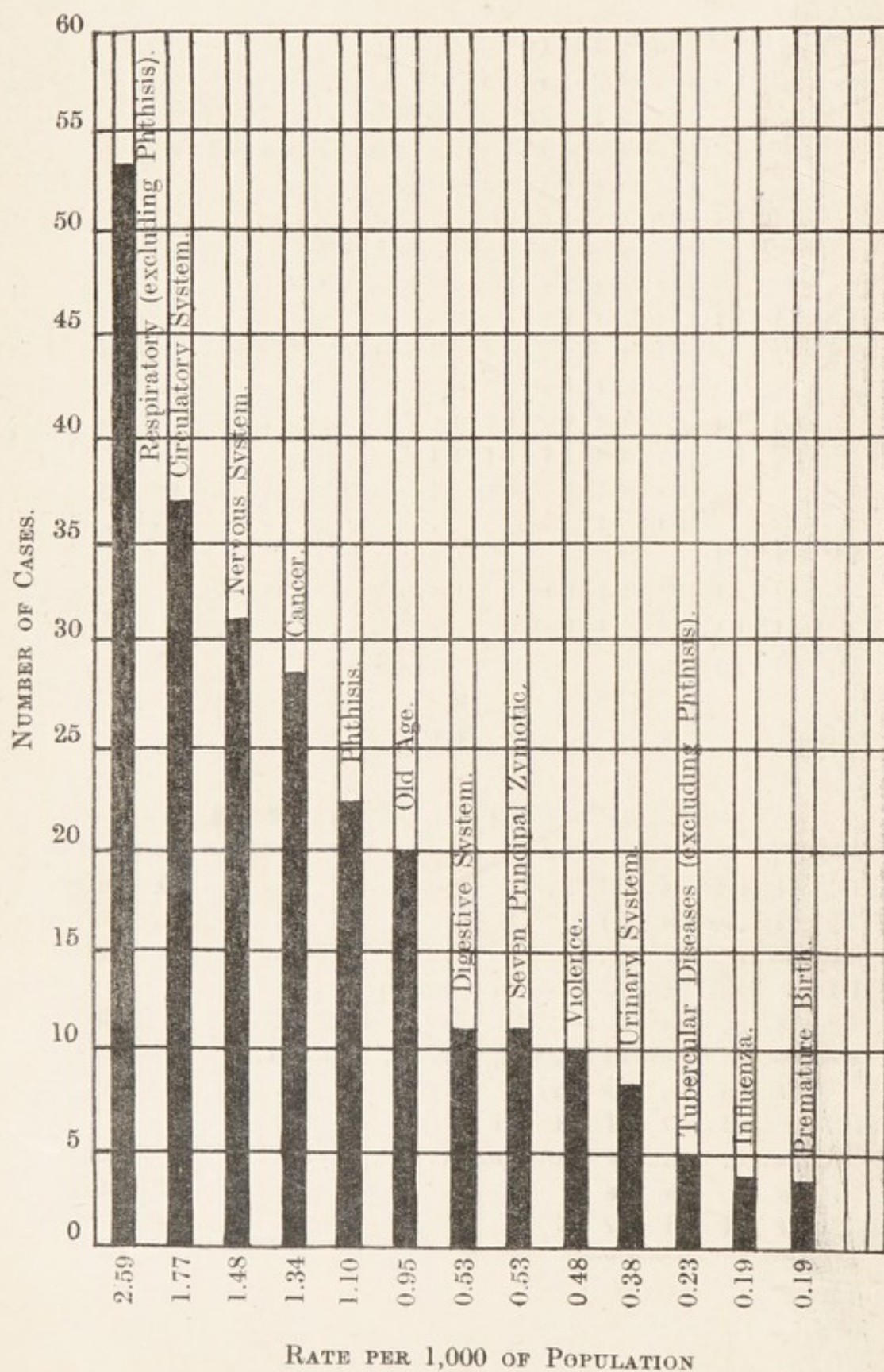
Disease of Organs of Special Sense 1

| | |
|--|-----|
| (c) CIRCULATORY SYSTEM. | |
| Valvular Diseases of Heart 26, Other Diseases of Blood Vessels 7, Other Diseases of Heart 3, Acute Endocarditis 1 | 37 |
| (d) RESPIRATORY SYSTEM. | |
| Pneumonia 24, Bronchitis 19, Laryngitis 3, Emphysema 3, Asthma 3, Other Diseases of Respiratory System 3, Pleurisy 1 | 53 |
| (e) DIGESTIVE SYSTEM. | |
| Diseases of Stomach 3, Peritonitis 3, Jaundice and other Diseases of Liver 3, Enteritis 2 | 11 |
| (f) URINARY SYSTEM. | |
| Bright's Disease 4, Disease of Bladder or Prostate 3, Nephritis 1 | 8 |
| (g) REPRODUCTIVE SYSTEM | 0 |
| (h) INTEGUMENTARY SYSTEM. | |
| Carbuncle 2, Other Diseases of Integumentary System 2 | 4 |
| 7.—VIOLENCE. | |
| ACCIDENT—Fractures 5, Suffocation 2, Burn 1 | 8 |
| SUICIDE—Drowning 2 | 2 |
| 8.—ILL-DEFINED. | 2 |
| Total | 271 |

MORTALITY IN RELATION TO SEASON.

| | |
|--|-----------------------------|
| GENERAL DEATH RATE. | Rate per 1000 of Population |
| Highest in December | 16.67 |
| Lowest in July | 6.94 |
| ZYMOTIC DEATH RATE (Seven principal). | |
| Highest in May | 2.87 |
| Lowest in February, March, August, September, October and December | Nil. |
| RESPIRATORY DEATH RATE. | |
| Highest in January and April | 4.59 |
| Lowest in December | 0.57 |
| PHTHISIS DEATH RATE. | |
| Highest in December | 3.44 |
| Lowest in January | Nil. |
| CANCER DEATH RATE. | |
| Highest in October and December | 2.29 |
| Lowest in August | Nil. |

CHART SHEWING DEATHS FROM VARIOUS DISEASES
AND GROUPS OF DISEASES IN BRIGHOUSE, 1921



DEATH RATES FROM VARIOUS CAUSES
DURING THE DIFFERENT MONTHS
OF THE YEAR 1920.

| Month. | General Death Rate. | Zymotic Death Rate (7 principal). | Respiratory Death Rate. | Phthisis Death Rate. | Cancer Death Rate. | Influenza Death Rate. | Infantile Mortality per 1000 B'ths |
|----------|------------------------|---|----------------------------|-------------------------|-----------------------|--------------------------|--|
| January | 13.79 | 0.57 | 4.59 | — | 1.10 | — | 75.00 |
| February | 15.52 | — | 4.02 | 1.72 | 1.10 | — | 62.50 |
| March | 15.52 | — | 4.02 | 0.57 | 1.10 | — | 93.75 |
| April | 16.09 | 1.10 | 4.59 | 0.57 | 1.72 | — | 71.43 |
| May | 14.94 | 2.87 | 1.72 | 1.72 | 0.57 | 0.57 | 121.21 |
| June | 10.92 | 0.57 | 1.72 | 0.57 | 1.72 | — | 85.71 |
| July | 6.94 | 0.57 | 1.10 | 0.57 | 1.72 | — | 23.25 |
| August | 8.62 | — | 2.29 | 1.10 | — | — | 54.05 |
| Sept. | 10.92 | — | 1.10 | 1.10 | 0.57 | — | 103.45 |
| October | 10.92 | — | 1.10 | 1.10 | 2.29 | 0.57 | 25.00 |
| November | 14.94 | 0.57 | 3.44 | 0.57 | 1.72 | 0.57 | 130.43 |
| December | 16.67 | — | 0.57 | 3.44 | 2.29 | 0.57 | 88.23 |
| For Year | 12.98 | 0.53 | 2.59 | 1.10 | 1.34 | 0.19 | 73.29 |

NOTIFIABLE INFECTIOUS DISEASES.

TUBERCULOSIS heads the list for the year with 27 notifications of Lung infections and 8 cases of other forms, and the ages of the patients varied from a child of only a few months old to two beyond 45 years of age. In the intervening age spaces were 3 from 1 to 5 years, 9 from 5 to 15, 8 from 15 to 25, and 12 from 25 to 45 years of age. The return shows a marked decrease in the number of notifications compared with the immediately preceding three years.

SCARLET FEVER, with 27 cases, takes second place. There were only 4 cases under 5 years of age, there being 18 in the period between 5 and 15 years. Bonegate Ward, with 9 cases, contributed most, North Ward with 5, Calder and Central with 3 each, West, South and East Wards 2 each, leaving Hove Edge Ward to complete the total with one case. Twenty-five cases were removed to Hospital.

PNEUMONIA was still retained in the notification returns, and 14 cases were brought to my notice. Compared with the number for the immediately preceding year, it shows that the cases of this infection directly attributable to Influenza are decidedly on the decrease.

DIPHTHERIA, with 13 notifications, 5 under 5 years of age and 8 in the next decade, ties with ERYSIPELAS as regards number of cases, but the latter ailment had all its cases in the age periods beyond 15 years. The South Ward was the only one to escape a notification of Diphtheria. The Calder and West Wards each had 3, the Central and Hove Edge Wards 2 each, Bonegate, North and East Wards one each. Eight of the total were sent to Hospital.

ENTERIC FEVER is to be commented upon for the reason that not once has this disease been notified in the year under review, the record made by the year 1918 being here repeated. The table now reproduced of all notifications of this disease since 1896 shows, I maintain, a great proof of the general healthy condition of this district.

In connection with notifiable diseases, the Bacteriological Department of the West Riding County Council has been of great use in clearing up doubts as to cases of Diphtheria and Tuberculosis, and in the latter connection I have had free access to the Dispensary here. This has been very useful to me, as I have been kept up to date by Dr. Liddle, the Tuberculosis Officer, in the knowledge of the suspected and proved cases in attendance.

NOTIFIABLE INFECTIOUS DISEASES, 1920.**DIPHTHERIA (13).**

Table of Notifications of this disease now reads :—

| 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 |
|------|------|------|------|------|------|------|------|
| 6 | 5 | 11 | 17 | 44 | 20 | 3 | 6 |
| 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 |
| 10 | 12 | 37 | 24 | 19 | 12 | 9 | 6 |
| 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
| 6 | 24 | 99 | 36 | 15 | 14 | 11 | 13 |

SCARLET FEVER (27).

| 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 |
|------|------|------|------|------|------|------|------|
| 66 | 86 | 195 | 95 | 34 | 51 | 48 | 39 |
| 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 |
| 57 | 68 | 23 | 25 | 124 | 45 | 22 | 56 |
| 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
| 122 | 203 | 60 | 20 | 13 | 22 | 39 | 27 |

ERYSIPELAS (13).

| 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 |
|------|------|------|------|------|------|------|------|
| 36 | 33 | 20 | 16 | 14 | 12 | 3 | 5 |
| 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 |
| 13 | 15 | 7 | 8 | 7 | 6 | 7 | 7 |
| 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
| 7 | 14 | 16 | 5 | 3 | 4 | 7 | 13 |

ENTERIC FEVER (0).

| 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 |
|------|------|------|------|------|------|------|------|
| 21 | 22 | 17 | 16 | 6 | 8 | 3 | 4 |
| 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 |
| 16 | 9 | 8 | 6 | 7 | 3 | 5 | 1 |
| 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
| 1 | 3 | 2 | 3 | 1 | 0 | 3 | 0 |

TUBERCULOSIS (35).

| 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
|------|------|------|------|------|------|------|------|
| 73 | 56 | 52 | 32 | 73 | 79 | 51 | 35 |

PNEUMONIA (14).

MONTHLY NOTIFICATIONS OF INFECTIOUS DISEASES, 1920.

| | Measles. | Scarlet Fever. | Diph'teria | Ery- sipelas. | Enteric Fever. | Puerperal Fever. | Ophthalm. Neonata- torum. | Tuberculosis. Lungs. | Cerebro Spinal Fever. | Encephalitis Lethargica. | Pneu- monia. | Malaria. | Totals. |
|------------|----------|-------------------|------------|------------------|-------------------|---------------------|---------------------------------|-------------------------|-----------------------------|-----------------------------|-----------------|----------|---------|
| January | — | 5 | — | 5 | — | 1 | — | 2 | — | — | 2 | — | 15 |
| February | — | — | — | 1 | — | — | — | 2 | — | — | 2 | — | 5 |
| March .. | — | 3 | — | — | — | — | — | 2 | — | — | — | — | 5 |
| April .. | — | 1 | — | 3 | — | — | — | 2 | — | — | 2 | — | 9 |
| May .. | — | 3 | 1 | — | — | 1 | — | 2 | — | — | 1 | — | 9 |
| June .. | — | 1 | — | — | — | — | — | 2 | — | — | 1 | — | 4 |
| July .. | — | — | 2 | 2 | — | — | — | 4 | — | — | — | — | 8 |
| August .. | — | 5 | 2 | — | — | — | — | 4 | — | — | 1 | — | 14 |
| September | — | 5 | 4 | 1 | — | — | — | 1 | — | — | 1 | — | 13 |
| October .. | — | — | 1 | 1 | — | — | — | 5 | — | — | — | — | 7 |
| November | — | 2 | 3 | — | — | — | — | — | — | — | 1 | — | 8 |
| December | — | 2 | — | — | — | — | — | 1 | — | — | 3 | — | 7 |
| Totals .. | — | 27 | 13 | 13 | — | 2 | — | 27 | — | — | 14 | — | 104 |

DEATHS FROM CHIEF DISEASES.

TUBERCULOSIS OF LUNGS caused 22 deaths in the following age periods :—

| YEARS. | | WARD. |
|--------|------------------------------|--------------|
| 5—15. | F. 8, M. 11, M. 14. Scholars | (all) North. |
| 15—25. | M. 16. Teamster. | South. |
| | M. 16. Silk Operative. | North. |
| | F. 23. Housewife. | West. |
| | F. 23. No Occupation. | West. |
| | M. 24. Dyer's Labourer. | Bonegate. |
| 25—45. | F. 25. Housewife. | Central. |
| | F. 27. Confectioner. | Central. |
| | M. 28. Labourer. | Bonegate. |
| | F. 29. Weaver. | South. |
| | M. 35. Cloth Miller. | South. |
| | M. 36. Canteen Steward. | East. |
| | F. 37. No Occupation. | South. |
| | M. 38. Confectioner. | South. |
| | F. 42. No Occupation. | Bonegate. |
| 45—65. | M. 49. Labourer. | Bonegate. |
| | M. 53. Silk Operative. | Calder. |
| | M. 53. Delver. | Calder. |
| | M. 62. Iron Moulder. | East. |
| | M. 62. Labourer. | Calder. |

Summary—M. 14, F. 8.

Ward Distribution—South 5, Bonegate 4, North 4, Calder 3, West 2, East 2, Central 2.

Other forms of Tuberculosis :—

| | | |
|-----------------------|--------------------|--------------|
| F. 1 year, 11 months. | Meningitis. | Calder Ward. |
| M. 4 years. | „ | North „ |
| M. 8 years. | Scholar. | West „ |
| F. 10 years. | „ | Central „ |
| F. 19 years. | Worsted Operative. | East „ |

TABLE OF PHTHISIS DEATHS SINCE 1896.

| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 1896 | 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 |
| 40 | 32 | 41 | 33 | 39 | 43 | 33 | 27 |
| 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 |
| 43 | 30 | 27 | 25 | 31 | 26 | 24 | 24 |
| 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 |
| 27 | 39 | 34 | 22 | 27 | 19 | 32 | 26 |

1920

CANCER caused 28 deaths. Age periods :—

Years 25—45.

| | |
|--------|------------|
| F. 36. | West Ward. |
| F. 41. | Calder. |
| F. 43. | Hove Edge. |

Years 45—65.

| | | | |
|--------|------------|--------|-----------|
| F. 46. | Calder. | F. 46. | East. |
| M. 49. | North. | | |
| F. 51. | West. | | |
| M. 52. | Central. | | |
| M. 53. | Hove Edge. | | |
| F. 57. | Calder. | M. 57. | East. |
| F. 58. | Central. | | |
| F. 59. | Bonegate. | M. 59. | Bonegate. |
| F. 60. | Calder. | F. 60. | West. |
| F. 61. | East. | | |
| M. 62. | North. | M. 62. | West. |
| M. 64. | Bonegate. | F. 64. | Central. |
| | | F. 64. | West. |

Years 65 upwards.

| | |
|--------|------------|
| F. 66. | East Ward. |
| M. 67. | Bonegate. |
| F. 73. | South. |
| M. 75. | Calder. |
| M. 76. | Calder. |

M. 12. F. 16.

Wards—Calder 6, West 6, Bonegate 4, East 3, Central 3, North 3,
Hove Edge 2, South 1.

INFLUENZA accounted for only four deaths during the year, as against seven times the number in 1919, and the four occurred beyond 45 years of age.

RESPIRATORY DISEASES, as usual, claimed over 50 victims, including 24 from Pneumonia and 19 from Bronchitis. Of these two latter classes, 9 took place in the Infantile period, no other age periods being affected until 15 years was reached—a marked contrast to the return for 1919.

HEART DISEASES, strangely enough, returned practically the same number of deaths as in the year 1919.

Table III in Appendix shows complete tables of all deaths in their age periods.

FACTORY AND WORKSHOP ACT, 1901.

The table in the Appendix shews in detail the number of Workshops, etc., and it will be noticed that there are still no underground Bakehouses, and it is hoped that none will ever be allowed here.

With regard to the old standing reports re conversion of insanitary conveniences at mills in the town, the status is still the same. Perhaps we shall have to wait until industrial conditions become normal before we have the promised alterations.

SCHOOLS

have been frequently visited by myself and your late Inspector, and the necessity of closing Schools has not been great. On reference to my notes I find Longroyd Infants' School was closed on account of Chicken Pox from March 16th to March 31st inclusive, and Victoria Infants' School from April 12th to May 17th, on account of Measles. Carr Green Infants' School followed with closure from May 5th to 21st, and then from May 10th to 21st inclusive the Infant Departments of the following Schools were closed:—Longroyd, Victoria, St. Martin's, St. Andrew's, St. James' and St. Joseph's, all for outbreaks of Measles.

The S.M.O.'s Report for 1920 will be found in the Appendix.

SANITARY ITEMS.

The scheme for building mentioned in my previous report is now in full swing, and I hear that soon some of the houses will be fit for occupation. I regret that it was found necessary to postpone the taking of the Census until after this report is issued. It will be very interesting to compare the various ideas as to the amount of overcrowding said to be existing:

The Lodging Houses (2) have been frequently inspected by myself as well as by your Inspector. On occasions I have had to threaten reporting of insanitary condition of certain closets in connection with the same, but latterly there has been an improvement in this respect.

No complaint has been found with the condition of the Slaughter Houses, and the Public one is especially well managed.

There has been considerable improvement in the matter of two complaints I have so often condemned—the shaking of mats and

carpets during prohibited hours, and the exhibition of promiscuous spitting in public places. If the result is due to my frequent warnings then I am pleased.

The Public Libraries have been well kept from a sanitary point of view. Fortunately there has been very little occasion recently to acquaint the Librarian with the fact of books lent out being found in infected houses.

ANTI-VENEREAL DISEASES CRUSADE.

Nothing was attempted during the year in respect of campaign work. I am informed that a certain number of sufferers from diseases as above attend the Halifax Infirmary, and I have no doubt some go farther afield for treatment. I have not attempted to get the numbers of such attendances, for privacy is the key note on this subject. So long as sufferers refrain from consulting quacks and unqualified practitioners, a great object has been obtained.

APPENDIX I.

INCLUDING VARIOUS TABLES,

Statistical or otherwise.

TABLE I.—Vital Statistics of Whole District during 1920 and Previous Years.

| YEAR. | Population estimated to Middle of each Year. | BIRTHS | | TOTAL DEATHS REGISTERED IN THE DISTRICT. | | TRANSFERABLE DEATHS. | | NETT DEATHS BELONGING TO THE DISTRICT | | |
|-------|--|----------------------|-------|--|-------|---|---|---------------------------------------|-----------------------------|---------|
| | | Un-corrected Number. | Nett. | Number | Rate. | Non-residents registered in the District. | Residents not registered in the District. | Under 1 Year of Age | At all Ages. | |
| | | | | | | | | Number. | Rate per 1,000 Nett Births. | Number. |
| I | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1912 | 20900 | 354 | 359 | 17.17 | 12.29 | 11 | 49 | 29 | 81 | 294 |
| 1913 | 20960 | 372 | 373 | 17.79 | 11.88 | 2 | 37 | 25 | 67 | 284 |
| 1914 | 21020 | 381 | 381 | 18.12 | 11.41 | 1 | 51 | 29 | 76 | 290 |
| 1915 | 21100 | 345 | 346 | 17.1 | 13.46 | 3 | 50 | 36 | 104 | 331 |
| 1916 | B 21486 D 19748 | 345 | 345 | 16.05 | 13.82 | 1 | 54 | 21 | 61 | 316 |
| 1917 | B 21500 D 19332 | 295 | 295 | 13.68 | 13.60 | 2 | 38 | 26 | 88.4 | 299 |
| 1918 | B 21697 D 19364 | 304 | 304 | 14.01 | 16.31 | 3 | 60 | 36 | 118 | 373 |
| 1919 | B 20908 D 20071 | 293 | 293 | 14.01 | 13.10 | 5 | 37 | 26 | 88 | 295 |
| 1920 | 20871 | 420 | 423 | 20.27 | 10.97 | 0 | 42 | 31 | 73 | 271 |

| | | | | |
|---|--------|-------------------------------------|----|--------|
| Area of District in acres (land and inland water) | 2,224. | Total population at all ages | .. | 20,845 |
| | | Number of inhabited houses | .. | 5,163 |
| | | Average number of persons per house | .. | 4.03 |

At Census, 1911.

Table II. Cases of Infectious Disease notified during the Year 1920.

| Notifiable Disease. | Number of Cases Notified. | | | | | | | Total Cases Notified in each Locality. (e.g. Parish or Ward) of the District. | | | | | | | Total Cases removed to Hospital. | |
|--------------------------------|---------------------------|-----------------|---------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|--|-------------------|-----------------|------------------|---------------|--------------------|----------------|--|---------------|
| | At all Ages. | At Ages*—Years. | | | | | | North Ward. | Bonagate Ward. | Calder Ward. | Central Ward. | West Ward. | Hove Edge Ward. | South Ward. | | East Ward. |
| | | Under 1 | 1 and under 5 years | 5 and under 15 years | 15 and under 20 years | 25 and under 45 years | 45 and under 65 years | | | | | | | | | |
| Diphtheria | 13 | — | 5 | 8 | — | — | — | 1 | 1 | 3 | 2 | 3 | 2 | — | 1 | 8 |
| Erysipelas | 13 | — | — | — | 3 | 5 | 4 | 1 | 1 | 3 | 1 | 3 | 1 | 1 | 1 | — |
| Scarlet Fever | 27 | — | 4 | 18 | 3 | 2 | — | — | 5 | 9 | 3 | 2 | 1 | 2 | 2 | 25 |
| Puerperal Fever | 2 | — | — | — | 1 | 1 | — | — | — | — | — | 1 | — | — | 1 | — |
| Pneumonia | 14 | 1 | — | 3 | 4 | 2 | 1 | 3 | 1 | 4 | 1 | 4 | — | 1 | 3 | 11 |
| Pulmonary Tuberculosis .. | 27 | 1 | — | 4 | 8 | 12 | 2 | — | 4 | 3 | 5 | 2 | 3 | 5 | 1 | |
| Other forms of Tuberculosis .. | 8 | — | 3 | 5 | — | — | — | — | 1 | — | 1 | 3 | — | — | — | — |
| Totals | 104 | 2 | 12 | 38 | 19 | 22 | 7 | 4 | 13 | 20 | 14 | 14 | 7 | 9 | 9 | — |

Isolation Hospital or Hospitals, Sanatoria, &c.—Brighouse Joint Hospital situated at Clifton in Halifax Rural District for the treatment of Cholera, Typhus, Typhoid Fever, Scarlet Fever and Diphtheria. Small Pox cases treated at Halifax Small Pox Hospital by agreement in existence. Tuberculosis Sanatoria at Keighley, Balby, &c., under jurisdiction of West Riding County Council.

**TABLE III.—Causes of, and Ages at Death during the Year 1920.
Brighouse Borough.**

| CAUSES OF DEATH. | Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District | | | | | | | | |
|---|---|--------------|---------------|---------------|---------------|----------------|----------------|-----------------|------------------|
| | All ages. | Under 1 year | 1 and 2 years | 2 and 5 years | 5 and 15 y'rs | 15 and 25 y'rs | 25 and 45 y'rs | 45 and 65 y'rs. | 65 and up-wards. |
| All Causes : Certified .. | 271 | 31 | 6 | 7 | 11 | 12 | 34 | 85 | 85 |
| Uncertified .. | — | — | — | — | — | — | — | — | — |
| Measles | 7 | 1 | 3 | 2 | 1 | — | — | — | — |
| Scarlet Fever | 1 | — | — | — | 1 | — | — | — | — |
| Diphtheria | 3 | — | — | 3 | — | — | — | — | — |
| Influenza | 4 | — | — | — | — | — | — | 4 | — |
| Other Miasmatic Diseases | 1 | — | — | — | 1 | — | — | — | — |
| Rheumatic Fever | 2 | — | — | — | 1 | — | 1 | — | — |
| Rheumatism | 3 | — | — | — | — | — | — | 2 | 1 |
| Gout | 1 | — | — | — | — | — | — | — | 1 |
| Rickets | 2 | 1 | — | 1 | — | — | — | — | — |
| Cancer, Malignant Disease | 28 | — | — | — | — | — | 3 | 20 | 5 |
| Tubercular Meningitis .. | 5 | — | 1 | 1 | 2 | 1 | — | — | — |
| Phthisis | 23 | — | — | — | 3 | 5 | 9 | 6 | — |
| Anæmia, Chlorosis, Leucocythemia | 2 | — | — | — | — | — | — | 1 | 1 |
| Glycosuria, Diabetes Mellitus | 2 | — | — | — | 1 | — | — | 1 | — |
| Atelectasis | 3 | 3 | — | — | — | — | — | — | — |
| Premature Birth and Congenital Malforma'n | 7 | 7 | — | — | — | — | — | — | — |
| Convulsions | 3 | 3 | — | — | — | — | — | — | — |
| Old Age | 20 | — | — | — | — | — | — | 1 | 19 |
| Inflammation of Brain or Membranes | 3 | 1 | — | — | — | — | 1 | 1 | — |
| Apoplexy, Softening of Brain, Hemiplegia .. | 23 | — | — | — | — | — | — | 9 | 14 |
| Epilepsy | 1 | — | — | — | — | — | 1 | — | — |
| Other Diseases of Nervous System | 1 | — | — | — | — | — | — | — | 1 |
| Diseases of Organs of Special Sense | 1 | 1 | — | — | — | — | — | — | — |
| Acute Endocarditis | 1 | — | — | — | — | 1 | — | — | — |
| Valvular Diseases of Heart | 26 | — | — | — | 1 | — | 5 | 10 | 10 |
| Other Diseases of Heart .. | 3 | — | — | — | — | — | — | 3 | — |
| Other Diseases of Blood Vessels | 7 | — | — | — | — | — | — | 1 | 6 |
| Laryngitis | 3 | 1 | 1 | — | — | — | — | — | 1 |
| Emphysema, Asthma | 3 | — | — | — | — | — | — | 1 | 2 |
| Bronchitis | 19 | 3 | — | — | — | — | 1 | 4 | 11 |
| Pneumonia | 24 | 6 | — | — | — | 3 | 5 | 6 | 4 |
| Pleurisy | 1 | — | — | — | — | — | — | 1 | — |
| Other Diseases of Respira- tory System | 3 | — | — | — | — | — | — | 2 | 1 |
| Diseases of Stomach | 3 | — | — | — | — | — | 2 | 1 | — |
| Enteritis | 2 | — | — | — | — | — | — | 2 | — |
| Peritonitis | 3 | — | — | — | — | 1 | 1 | 1 | — |
| Jaundice and other Dis- eases of Liver | 3 | — | — | — | — | — | 1 | 1 | 1 |
| Bright's Disease and Nephritis | 5 | — | — | — | — | — | — | 4 | 1 |
| Disease of Bladder or of Prostate | 3 | — | — | — | — | — | — | — | 3 |
| Carbuncle, Phlegmon | 2 | — | — | — | — | — | 2 | — | — |
| Other Diseases of Integu- mentary System | 2 | — | — | — | — | — | 1 | — | 1 |
| Violent Deaths, excluding Suicide | 8 | 3 | 1 | — | — | — | 1 | 2 | 1 |
| Suicide | 2 | — | — | — | — | 1 | — | 1 | — |
| Diseases ill-defined or unknown | 2 | 1 | — | — | — | — | — | — | 1 |
| Totals | 271 | 31 | 6 | 7 | 11 | 12 | 34 | 85 | 85 |

TABLE IV.

Infantile Mortality during the year 1920.

Deaths from stated Causes at various ages under One Year of Age.

| CAUSE OF DEATH. | Under 1 Week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 1 Month. | 1-3 Months. | 3-6 Months. | 6-9 Months. | 9-12 Months. | Total Deaths under One Year |
|--------------------------------|---------------|------------|------------|------------|----------------------|-------------|-------------|-------------|--------------|-----------------------------|
| All Causes. | 6 | 5 | 2 | 1 | 14 | 6 | 1 | 4 | 6 | 31 |
| Certified Causes. | — | — | — | — | — | — | — | — | — | — |
| Uncertified Causes. | — | — | — | — | — | — | — | — | — | — |
| Measles | — | — | — | — | — | — | — | — | 1 | 1 |
| Whooping-Cough | — | — | — | — | — | — | — | — | — | — |
| Diphtheria and Croup .. | — | — | — | — | — | — | — | — | — | — |
| Tuberculous Meningitis .. | — | — | — | — | — | — | — | — | 1 | 1 |
| Abdominal Tuberculosis (b) | — | — | — | — | — | — | — | — | — | — |
| Convulsions .. | — | 1 | 1 | — | 2 | — | — | 1 | — | 3 |
| Bronchitis .. | — | — | — | — | — | 2 | — | 1 | — | 3 |
| Pneumonia (all forms) .. | — | — | — | — | — | 3 | 1 | — | 2 | 6 |
| Diarrhoea .. | — | — | — | — | — | — | — | — | — | — |
| Enteritis .. | — | — | — | — | — | — | — | — | — | — |
| Gastritis .. | — | — | — | — | — | — | — | — | — | — |
| Dentition .. | — | — | — | — | — | — | — | — | — | — |
| Atelectasis .. | 1 | 1 | — | — | 2 | — | — | — | — | 2 |
| Congenital Malformations .. | 2 | — | — | — | 2 | 1 | — | — | — | 3 |
| Premature Birth | 1 | 2 | 1 | — | 4 | — | — | — | — | 4 |
| Atrophy, Debility and Marasmus | — | — | — | — | — | — | — | — | — | — |
| Accidents .. | 1 | 1 | — | — | 2 | — | — | 2 | — | 4 |
| Asthma .. | 1 | — | — | — | 1 | — | — | — | — | 1 |
| Laryngitis .. | — | — | — | 1 | 1 | — | — | — | — | 1 |
| Rachitis .. | — | — | — | — | — | — | — | — | 1 | 1 |
| Otitis Media .. | — | — | — | — | — | — | — | — | 1 | 1 |
| Totals .. | 6 | 5 | 2 | 1 | 14 | 6 | 1 | 4 | 6 | 31 |

Births in the year :—legitimate, 409 ; illegitimate, 14.

Deaths in the year of :—legitimate infants, 30 ; illegitimate infants, 1.

Annual Report of the Medical Officer of Health for the year 1920, for the Borough of Brighouse, on the administration of the Factory and Workshop Act, 1901, in connection with Factories, Workshops, Workplaces and Homework.

| 1.—Inspection of Factories, Workshops and Workplaces. | | | |
|--|-------------------|---------------------|--------------------|
| Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances | | | |
| Premises. | Number of | | |
| | Inspec- tions. | Written Notices. | Prosecu- tions. |
| Factories (Including Factory Laundries) | 66 | 3 | — |
| Workshops (Including Workshop Laundries) | 46 | — | — |
| Workplaces (Other than Outworkers' premises included in Part 3 of this Report) | — | — | — |
| Total | 112 | 3 | — |

2.—Defects found in Factories, Workshops and Workplaces.

| Particulars. | Number of Defects. | | | Number of Prosecutions. |
|--|--------------------|-----------|--------------------------|-------------------------|
| | Found. | Remedied. | Referred H.M. Inspector. | |
| Nuisances under the Public Health Acts :— | | | | |
| Want of Cleanliness | | | | |
| Want of Ventilation | | | | |
| Overcrowding | | | | |
| Want of drainage of floors | | | | |
| Other Nuisances | | | | |
| Sanitary Accommodation— | | | | |
| Insufficient | | | | |
| Unsuitable or defective | 4 | 4 | | |
| Not Separate for Sexes | | | | |
| Offences under the Factory and Workshop Acts :— | | | | |
| Illegal occupation of underground bakehouse (s. 101) | | | | |
| Breach of special sanitary requirements for bakehouses (ss. 97 to 100) | | | | |
| Other offences (Excluding offences relating to outwork which are included in Part 3 of this Report) | | | | |
| Total | 4 | 4 | | |

4.—REGISTERED WORKSHOPS.

| Workshops on the Register (s. 131) at the end of the year. | Number. |
|---|---------|
| Bakehouses 25, Blacksmiths 7, Bootmakers 27, Botanical Brewer 1, Brushmakers 2, Cabinet Makers 5, Cloggers 4, Coach Builders 1, Coopers 5, Currier 1, Dressmakers 30, Jewellers 6, Joiners 7, Knitters 4, Laundry Work 5, Maltsters 2, Mattress Maker 1, Milliners 16, Painters 7, Paper Bag Maker 1, Photographers 3, Plumbers 8, Polishers 5, Saddlers 2, Soap Makers 4, Sweet Packers 1, Tailors 13, Tin Plate Workers 6, Upholsterers 3, Wheelwrights 6, Wire Worker 1, Burler & Mender 1. | |
| Total number of Workshops on Register | 210 |

TABLE C.—1920.**BRIGHOUSE SANITARY DISTRICT.****WATER SUPPLY.**

Any developments during 1920 ?—No.

Any insufficiency ?—No.

DRAINAGE AND SEWERAGE.

Any developments during 1920 ?—No.

Developments still needed as to (a) Want of sewers—No.

(b) Improvement of defective sewers—No.

Any inadequacy of Sewage Disposal Works or complaints as to smells ?—Extensions to Works now in progress.

Are there any sink wastes still needing disconnection ?—A few.

CLOSET ACCOMMODATION.

No. of Privies with open middens—17.

No. of Pail or Tub Closets—2717.

No. of Privies with covered middens—271.

No. of Water Closets—2038. Waste-water Closets—154.

No. of Privies re-constructed during 1920—

(a) as W.C.'s—37. (b) other—19.

No. of additional Closets provided for old property in 1920—

(a) W.C.'s—None. (b) other—None.

No. of Closets constructed in 1920 for new houses—

(a) W.C.'s—1. (b) other—2.

SCAVENGING.

Any change during 1920 ?—No.

Performed by (a) Council—Yes. (b) Contractor—Team Labour.

How is refuse disposed of ? No. of loads to (a) Destructor—5419.

(b) Tips—6300. (c) Farmers—178.

Total annual cost—£7320.

Any utilization or salvage of waste material—Yes; Manure, Breeze, Glass, Rags, &c., sold.

NUISANCE INSPECTIONS.

Total No. of Inspections made in 1920—3080.

Informal Notices served—57. Complied with—48.

Statutory Notices served—9. Complied with—6.

Total No. of Nuisances in hand at close of 1919—555.

At close of 1920—508.

Total No. of Nuisances reported during 1920—473.

Abated during 1920—520.

Total No. of Summonses or other legal proceedings—None.

| REGULATED BUILDINGS, TRADES, &c. | No. in District | No. on Register. | Total No. of Inspections made. | General Condition ? | Legal Proceedings (if any). |
|----------------------------------|-----------------|--|--------------------------------|---------------------|-----------------------------|
| Common Lodging Houses .. | 2 | 2 | 116 | Satisfactory | None |
| Canal Boats .. | — | — | 37 | " | " |
| Tents, Vans and Sheds | — | — | 32 | " | " |
| Offensive Trades | 10 | 10 | — | " | " |
| | | 4 Tripe Boilers. 4 Soap Boilers. 2 Gut Scrapers. | | | |

Have the Council declared any other processes to be offensive trades, e.g., Fish-frying, Maggot-breeding, etc. ?—No.

MILK SUPPLY.

No. of samples taken by Officers of S.A. for analysis under F. & D. Acts—24. No. adulterated—1.

What arrangement for Veterinary Inspection of dairy cows ?—Inspector appointed.

Any instance of disease attributed to milk in 1920 ?—No.

No. of Cowkeepers in district—29. No. Registered—29.

No. of Milk Sellers who are also Cowkeepers—23. No. who are Purveyors only—12. Total No. Registered—35.

Total No. of Cowsheds—47. No. of Inspections in 1920—63.

General Condition—Fair.

Approx. No. of Milch Cows in District—300.

Legal proceedings under D.C.M. Orders—None.

Any Inspection or other action by Districts to which Milk is sent ?—No.

Milk (Mothers and Children) Order, 1919. Any action ?—Yes.

Milk supplied (Dried) at cheap rate, and in some cases free.

OTHER FOODS.

No. of samples (other than Milk) taken by Officer of S.A. for examination under the Food and Drugs Acts—24.

No. adulterated—1.

No. of seizures of unsound food—23. No. of Prosecutions—None.

No. of Slaughterhouses—2. No. Registered—2.

No. Licensed—1. No. Unsatisfactory—None.

No. of Prosecutions (a) Food and Drugs—Nil.

(b) Unsound Food—Nil. (c) re Slaughterhouses—Nil.

No. of Bakehouses—25.

Is there a Public Abattoir ?—Yes.

FACTORIES AND WORKSHOPS.

Any Smoke nuisance, and where ?—Yes : pretty general.
 No. of Smoke observations taken—77. No. of Cautions—6.
 Legal Notices—Nil. Summonses—Nil.

BYELAWS AND REGULATIONS.

Any Byelaws made under Section 26 of Housing and Town Planning Act, 1919, as to houses divided into separate tenements ?—No.

INFECTIOUS AND OTHER DISEASES.

What diseases have been specially prevalent in 1920 ?—None.
 Any diseases specially added to notifiable list ?—None.
 Any influences threatening the health of the District ?—None.
 Any prevalence of Venereal Diseases ?

TUBERCULOSIS.—Procedure by M.O.H. or his staff after notification.

- (1) Inspection of patient's home and workshop—By M.O.H.
- (2) Examination for contacts—Yes.
- (3) Is house disinfected—Yes. When patient leaves for Sanatorium, or if death takes place, in the house.
- (4) Leaflets, Lectures, etc., distributed.
- (5) Action re spitting—None.
- (6) Is sputum examined apart from Dispensary ?—Yes.
- (7) Any special procedure adopted in cases of Pulmonary Tuberculosis with T.B. in sputum—No.
- (8) Tuberculosis Dispensaries—Any suggestions ?—That patients be warned to give notice of changing their residence ; this notice to go to Health Authority.

BACTERIOLOGY.

Is County Laboratory utilised ?—Yes.

INFANT MORTALITY.

What organised effort to control it ?—Health Visitor provided for some years now.
 Causes of any excessive Infant Mortality in 1920—None.

VITAL STATISTICS.

Births during 1920—Males, 185 ; Females, 216 ; Total, 401.
 No. illegitimate included in above—14.
 No. of Still Births (not included)—22.
 Deaths during 1920—(1) Gross Deaths, i.e., Total actually registered in the District without any correction—229.
 (2) Nett Deaths on which the rates are culculated—
 Males, 141 ; Females, 130.
 No. of uncertified deaths (included above)—None.

MORTUARIES.

What Mortuary accommodation—(a) for accidents—Yes.

(b) for infectious cases other than at hospital—No.

SANITARY STAFF.

What is the present Annual Salary of the M.O.H. ?—£225, exclusive of War Bonus.

Name of Sanitary Inspector—Richard Allison. Died 1921.

Annual Salary as Inspector—£250, exclusive of War Bonus.

Other appointments held—Hackney Carriage Inspector, Housing Inspector, Scavenging Inspector, Canal Boats Inspector.

Salary for such other appointments—Included in total salary.

Any Assistants ?—One Cleansing Foreman, One Clerk.

SUPPLEMENTARY REMARKS as to Sanitary requirements of Districts, suggestions of M.O.H., and extended notes from any of the foregoing entries.

Public Lavatories for each sex.

Refuse Destructor.

Disinfecting Station.

Increased conversion of Midden Privies and Pail Closets to Water Carriage System.

Tables shewing the Population of Brighouse and Rastrick and the Number of Births and Deaths from 1876 to 1893, also the Births and Death Rates in these Years. Followed by Tables with same detail for the whole of the Borough since incorporation.

A.—BRIGHOUSE.

| Years. | Popula- tion. | Births. | | England and Wales Birth Rate | Deaths. | | England & Wales Death rate. |
|--------|------------------|---------|-----------------------------------|------------------------------------|---------|-----------------------------------|--------------------------------------|
| | | Number | Rate per 1000 of Population | | Number | Rate per 1000 of Population | |
| 1876 | 7,290 | 262 | 35.9 | | 151 | 20.7 | |
| 1877 | 7,400 | 276 | 37.2 | 36.1 | 163 | 22.0 | 20.4 |
| 1878 | 7,500 | 291 | 35.2 | 35.9 | 165 | 20.0 | 21.7 |
| 1879 | 9,865 | 276 | 30.8 | 30.5 | 180 | 18.5 | 97.1 |
| 1880 | 8,385 | 287 | 34.2 | 34.6 | 187 | 21.4 | 20.4 |
| 1881 | 7,962 | 263 | 33.6 | 33.9 | 138 | 17.2 | 18.9 |
| 1882 | 8,120 | 314 | 38.6 | 33.7 | 132 | 16.9 | 19.6 |
| 1883 | 6,280 | 280 | 33.0 | 33.2 | 159 | 18.3 | 19.5 |
| 1884 | 8,388 | 289 | 34.6 | 33.5 | 179 | 21.4 | 19.6 |
| 1885 | 8,545 | 292 | 34.3 | 32.5 | 195 | 23.3 | 19.0 |
| 1886 | 8,700 | 260 | 29.8 | 32.4 | 189 | 21.2 | 19.3 |
| 1887 | 7,780 | 304 | 34.6 | 31.4 | 169 | 19.2 | 18.8 |
| 1888 | 8,880 | 301 | 33.9 | 30.6 | 135 | 15.6 | 17.8 |
| 1889 | 9,160 | 279 | 30.6 | 30.5 | 151 | 17.8 | 17.9 |
| 1890 | 9,226 | 275 | 29.8 | 29.7 | 120 | 21.2 | 20.2 |
| 1891 | 10,276 | 321 | 31.7 | 31.4 | 199 | 19.2 | 20.2 |
| 1892 | 10,507 | 282 | 26.8 | 30.5 | 199 | 28.9 | 19.0 |
| 1893 | 10,600 | 286 | 26.9 | 30.8 | 194 | 18.2 | 19.1 |

B.—RASTRICK.

| | | | | | | | |
|------|-------|-----|------|------|-----|------|------|
| 1876 | 6,540 | 281 | 42.9 | | 146 | 22.2 | |
| 1877 | 6,695 | 304 | 45.4 | 36.9 | 153 | 22.8 | 20.4 |
| 1878 | 9,000 | 294 | 32.6 | 35.8 | 179 | 19.8 | 21.7 |
| 1879 | 9,060 | 305 | 33.6 | | 171 | 18.8 | |
| 1880 | 9,135 | 299 | 32.7 | 34.6 | 101 | 22.0 | 20.4 |
| 1881 | 8,036 | 327 | 40.6 | 33.9 | 163 | 20.2 | 18.9 |
| 1882 | 8,252 | 292 | 35.3 | 33.7 | 168 | 20.3 | 19.6 |
| 1883 | 8,465 | 280 | 33.0 | 33.2 | 167 | 19.7 | 19.6 |
| 1884 | 8,680 | 290 | 33.4 | 33.5 | 122 | 25.5 | 19.3 |
| 1885 | 8,285 | 306 | 34.6 | 32.5 | 159 | 18.0 | 19.6 |
| 1886 | 8,950 | 268 | 29.9 | 32.4 | 178 | 20.7 | 19.0 |
| 1887 | 9,075 | 293 | 33.3 | 31.4 | 179 | 19.7 | 18.8 |
| 1888 | 9,592 | 285 | 30.7 | 30.6 | 159 | 16.6 | 17.9 |
| 1889 | 9,867 | 276 | 30.8 | 30.5 | 180 | 18.5 | 17.9 |
| 1890 | 9,981 | 280 | 28.1 | 29.7 | 164 | 16.4 | 19.2 |
| 1891 | 9,279 | 311 | 33.4 | 31.4 | 112 | 22.9 | 20.2 |
| 1892 | 9,448 | 270 | 28.5 | 30.5 | 172 | 18.2 | 19.0 |
| 1893 | 9,583 | 276 | 28.8 | 30.8 | 159 | 26.5 | 19.2 |

C.—BOROUGH.

| | | | | | | | |
|------|--------|-----|-------|------|-----|-------|------|
| 1834 | 21,043 | 571 | 27.13 | 29.6 | 312 | 14.6 | 16.6 |
| 1895 | 21,153 | 573 | 27.08 | 30.3 | 349 | 16.50 | 18.7 |
| 1896 | 21,238 | 547 | 26.83 | 29.7 | 360 | 17 | 17.1 |
| 1897 | 21,347 | 573 | 26.84 | 29.7 | 222 | 15.08 | 17.4 |
| 1898 | 21,466 | 549 | 25.37 | 29.4 | 418 | 17.6 | 17.6 |
| 1899 | 21,570 | 503 | 23.31 | 29.3 | 371 | 17.1 | 18.3 |
| 1900 | 21,690 | 513 | 23.63 | 28.9 | 399 | 18.39 | 18.3 |
| 1901 | 21,780 | 516 | 23.69 | 28.5 | 345 | 15.84 | 16.9 |
| 1902 | 21,960 | 492 | 22.40 | 28.6 | 305 | 13.88 | 16.3 |
| 1903 | 21,983 | 501 | 22.78 | 28.4 | 258 | 11.73 | 15.4 |
| 1904 | 22,076 | 477 | 21.67 | 27.9 | 305 | 13.81 | 16.2 |
| 1905 | 22,100 | 454 | 20.54 | 27.2 | 268 | 12.11 | 15.2 |
| 1906 | 22,196 | 460 | 20.72 | 27.0 | 312 | 14.5 | 15.4 |
| 1907 | 22,280 | 422 | 18.94 | 26.3 | 298 | 13.37 | 15 |
| 1908 | 22,365 | 452 | 20.21 | 26.5 | 320 | 14.3 | 14.7 |
| 1909 | 22,455 | 411 | 18.30 | 25.6 | 283 | 12.6 | 14.5 |
| 1910 | 22,520 | 403 | 17.89 | 24.8 | 264 | 11.72 | 13.4 |
| 1911 | 20,843 | 367 | 17.57 | 24.4 | 258 | 12.53 | 14.6 |
| 1912 | 20,900 | 359 | 17.7 | 23.8 | 294 | 14.06 | 13.3 |
| 1913 | 20,960 | 373 | 17.79 | 23.9 | 284 | 13.55 | 13.4 |
| 1914 | 21,020 | 381 | 18.12 | 23.8 | 290 | 13.8 | 14.0 |
| 1915 | 21,100 | 345 | 17.1 | 21.8 | 331 | 16.4 | 15.1 |
| 1916 | 19,748 | 345 | 16.06 | — | 316 | 16.05 | 14.0 |
| 1917 | 19,332 | 295 | 13.68 | 17.8 | 299 | 15.51 | 14.4 |
| 1918 | 19,364 | 304 | 14.01 | 17.7 | 373 | 19.26 | 17.6 |
| 1919 | 21,000 | 293 | 14.01 | 18.5 | 295 | 14.6 | 13.8 |
| 1920 | 20,871 | 423 | 20.27 | 25.4 | 271 | 12.98 | 12.4 |

1920.
TABLE SHEWING POPULATION, BIRTHS, ETC., IN OTHER TOWNS IN THE WEST RIDING.

| CITY OR TOWN. | Popula- tion, 1920. | BIRTHS. | | DEATHS. | | Zymotic Death Rate. | Phthisis Death Rate. | Respir. Disease Death Rate ex. Phthisis. | Cancer Death Rate. | Infant Deaths per 1000 Births. | No. of Notif. Rec'd ex. Phthisis. | No. of Phthisis Notifi- cations Rec'd. | Influ- enza Death Rate. |
|-----------------|---------------------------|---------|-------------------|---------|-------------------|---------------------------|----------------------------|---|--------------------------|--|---|--|----------------------------------|
| | | No. | Rate per 1000. | No. | Rate per 1000. | | | | | | | | |
| Leeds .. | 448913 | 11229 | 25.01 | 6591 | 14.68 | — | 1.23 | 2.99 | 1.10 | 110 | 8881 | 962 | 0.38 |
| Bradford .. | 293979 | 6033 | 20.52 | 3914 | 13.33 | 0.41 | 0.88 | 2.36 | 1.23 | 93 | 5779 | 597 | 0.22 |
| Huddersfield .. | 116776 | 2102 | 18.01 | 1497 | 13.37 | 0.34 | 0.71 | 1.66 | 1.45 | 80 | 885 | 177 | 0.17 |
| Halifax .. | 106029 | 2007 | 18.9 | 1412 | 13.3 | 0.25 | 0.72 | 2.98 | 0.87 | 96 | 462 | 123 | 0.56 |
| Dewsbury .. | 55080 | 1271 | 23.07 | 784 | 14.23 | 0.87 | 0.67 | 1.152 | 1.23 | 110.1 | — | 37 | — |
| Barnsley .. | 53739 | 1751 | 32.58 | 781 | 14.53 | 1.91 | 0.74 | 3.10 | 0.93 | 129 | 535 | 148 | 0.52 |
| Wakefield .. | 51169 | 1356 | 26.5 | 748 | 14.6 | 0.58 | 1.3 | 2.9 | 1.17 | 89 | 278 | 109 | 0.13 |
| Keighley .. | 43750 | 793 | 18.1 | 627 | 14.3 | 0.45 | 1.00 | 2.88 | 1.32 | 87 | 214 | 54 | 0.66 |
| Batley .. | 36527 | 888 | 24.3 | 484 | 13.2 | 0.8 | 0.6 | 2.0 | 1.53 | 83.3 | 175 | 53 | 0.19 |
| Spennborough .. | 31241 | 628 | 21.01 | 384 | 12.29 | 0.38 | 0.8 | 2.24 | 1.18 | 82.8 | 178 | 68 | 0.6 |
| Ossett .. | 15274 | 399 | 25.4 | 207 | 13.4 | 0.7 | 1.04 | 2.5 | 1.04 | 83 | — | 36 | 0.06 |
| Pudsey .. | 14354 | 281 | 19.5 | 178 | 12.4 | 0.02 | 0.4 | 1.2 | 1.00 | 81.7 | 53 | 10 | 0.06 |
| Mirfield .. | 12105 | 268 | 22.13 | 141 | 11.64 | 0.16 | 0.24 | 2.56 | 0.82 | 82.09 | 114 | 6 | 0.24 |
| Brighouse .. | 20871 | 423 | 20.27 | 271 | 12.98 | 0.53 | 1.10 | 2.59 | 1.34 | 73.29 | 69 | 35 | 0.19 |

MONTHLY BIRTHS, 1920.

| Month. | Males. | Females. | Total. |
|-----------------|--------|----------|--------|
| January | 23 | 17 | 40 |
| February | 17 | 15 | 32 |
| March | 14 | 18 | 32 |
| April | 18 | 24 | 42 |
| May | 19 | 14 | 33 |
| June | 11 | 24 | 35 |
| July | 23 | 21 | 44 |
| August | 16 | 22 | 38 |
| September | 17 | 13 | 30 |
| October | 15 | 25 | 40 |
| November | 10 | 13 | 23 |
| December | 16 | 18 | 34 |
| Total | 199 | 224 | 423 |

MONTHLY DEATHS, 1920.

| Month. | Males. | Females. | Total. |
|-----------------|--------|----------|--------|
| January | 14 | 10 | 24 |
| February | 17 | 10 | 27 |
| March | 16 | 11 | 27 |
| April | 14 | 14 | 28 |
| May | 16 | 10 | 26 |
| June | 10 | 9 | 19 |
| July | 6 | 6 | 12 |
| August | 6 | 9 | 15 |
| September | 11 | 8 | 19 |
| October | 8 | 11 | 19 |
| November | 12 | 14 | 26 |
| December | 11 | 18 | 29 |
| Total | 141 | 130 | 271 |

Includes all Deaths whether occurring within
or without the district.

INSPECTOR OF NUISANCES' ANNUAL REPORT, 1920.

| | Month ending Jan. 31. | Month ending Feb. 29. | Month ending Mar. 31. | Month ending April 30. | Month ending May 31. | Month ending June 30. | Month ending July 31. | Month ending Aug. 31. | Month ending Sep. 30. | Month ending Oct. 31. | Month ending Nov. 30. | Month ending Dec. 31. | Total. |
|---|-----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------|
| Complaints investigated | 46 | 43 | 40 | 41 | 44 | 47 | 27 | 44 | 42 | 31 | 41 | 27 | 473 |
| Common Lodging Houses | 18 | 10 | 8 | 12 | 14 | 8 | 10 | 8 | 6 | 8 | 4 | 10 | 116 |
| Cowsheds, Dairies and Milkshops .. | — | 5 | — | 26 | 3 | — | 18 | — | 2 | 4 | 2 | 3 | 63 |
| Canal Boats | 3 | 4 | 4 | 1 | 3 | 5 | 6 | 5 | 6 | — | — | — | 37 |
| Dwelling Houses—Housing Survey .. | 10 | 25 | 29 | 14 | 31 | 24 | 8 | 41 | 15 | — | — | — | 197 |
| Public Health Acts | 26 | 32 | 15 | 10 | 28 | 53 | 10 | 28 | 10 | 13 | 17 | 8 | 250 |
| " Visited | 7 | 27 | — | — | 19 | — | 13 | 12 | 6 | 20 | — | 8 | 112 |
| " Infectious Disease | 8 | 5 | 2 | 4 | 8 | 8 | 2 | 12 | 8 | 4 | 10 | 11 | 82 |
| " Disinfected | 6 | 3 | 6 | 4 | 6 | 6 | 2 | 10 | 6 | 6 | 10 | 11 | 76 |
| Drains Tested | 11 | 15 | 31 | 12 | 29 | 19 | 3 | 31 | 15 | 15 | 8 | 7 | 196 |
| Factories and Workshops | 6 | 8 | 4 | 21 | 4 | 46 | 7 | 5 | 11 | — | — | — | 112 |
| Markets, Meat, Fish, Provision and Fruiters' Shops | 40 | 30 | 20 | 30 | 50 | 40 | 20 | 40 | 20 | 20 | 4 | 6 | 320 |
| Owners and Owners' Agents inter- viewed | 10 | 28 | 22 | 11 | 18 | 29 | 17 | 15 | 12 | 8 | 6 | 4 | 180 |
| Re-visits to Property under notice .. | 28 | 39 | 45 | 28 | 31 | 38 | 33 | 22 | 15 | 12 | 3 | 3 | 297 |
| Schools inspected | — | 2 | — | 17 | — | 1 | — | 15 | 2 | — | — | 13 | 50 |
| Schools disinfected | — | — | — | 17 | — | — | — | 15 | — | — | — | 13 | 45 |
| Slaughterhouses | 14 | 18 | 12 | 8 | 10 | 12 | 14 | 14 | 6 | 12 | 6 | 8 | 134 |
| Samples for Analysis—Milk | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 4 | — | — | — | 24 |
| Smoke observations | 2 | 6 | 5 | 6 | 12 | 8 | 10 | 13 | 11 | 4 | — | — | 77 |
| Van Dwellings | — | 1 | 10 | — | 1 | 1 | — | 9 | 6 | 2 | 2 | — | 32 |
| Visits to Work in progress | 6 | 27 | 25 | 15 | 19 | 28 | 22 | 16 | 13 | 13 | 13 | 10 | 207 |
| Total | 245 | 330 | 280 | 279 | 332 | 375 | 226 | 357 | 216 | 172 | 126 | 142 | 3080 |
| Privies converted to Water Carriage .. | 2 | 1 | 12 | 3 | 6 | 1 | 3 | 12 | 1 | — | 1 | — | 42 |

The following is the Amount of Food condemned as unfit for human consumption.

| | | | | | | |
|---|----|----|----|----|----|---------------|
| Tinned Beef | .. | .. | .. | .. | .. | 36 lbs. |
| „ Tomatoes | .. | .. | .. | .. | .. | 47½ „ |
| „ Peaches | .. | .. | .. | .. | .. | 6 „ |
| „ Pears | .. | .. | .. | .. | .. | 2½ „ |
| „ Pineapple | .. | .. | .. | .. | .. | 3 „ |
| „ Lobster | .. | .. | .. | .. | .. | 4 „ |
| „ Salmon | .. | .. | .. | .. | .. | 4½ „ |
| „ Tongue | .. | .. | .. | .. | .. | 3 „ |
| „ Crab | .. | .. | .. | .. | .. | 10½ „ |
| „ Prawns | .. | .. | .. | .. | .. | 2 „ |
| „ Apricots | .. | .. | .. | .. | .. | 1 lb. |
| Bottled Gooseberries | .. | .. | .. | .. | .. | 1 lb. |
| Eggs | .. | .. | .. | .. | .. | 1215 |
| Tinned Milk | .. | .. | .. | .. | .. | 7 lbs. 6 ozs. |
| Butter | .. | .. | .. | .. | .. | 78 lbs. |
| Jam | .. | .. | .. | .. | .. | 2 „ |
| Cabbages | .. | .. | .. | .. | .. | 600 |
| Lamb | .. | .. | .. | .. | .. | 55½ lbs. |
| Cockles | .. | .. | .. | .. | .. | 5 bags. |
| Mutton | .. | .. | .. | .. | .. | 114 lbs. |
| Beef (Imported) | .. | .. | .. | .. | .. | 270 „ |
| Dates | .. | .. | .. | .. | .. | 52 lbs. |
| Pork | .. | .. | .. | .. | .. | 84 „ |
| Total—787 lbs. 2 ozs., and 1215 Eggs, 600 Cabbages, 5 bags Cockles. | | | | | | |

The following is a list of Samples taken during the Year 1920 by the County Council Inspector.

| | | | | | | |
|-------------------|----|----|----|----|----|----|
| Margarine | .. | .. | .. | .. | .. | 3 |
| Coffee | .. | .. | .. | .. | .. | 5 |
| Butter | .. | .. | .. | .. | .. | 2 |
| Cheese | .. | .. | .. | .. | .. | 2 |
| Lard | .. | .. | .. | .. | .. | 3 |
| Cocoa | .. | .. | .. | .. | .. | 2 |
| Corn Flour | .. | .. | .. | .. | .. | 1 |
| Egg Substitute | .. | .. | .. | .. | .. | 1 |
| Camphorated Oil | .. | .. | .. | .. | .. | 2 |
| Milk | .. | .. | .. | .. | .. | 10 |
| Saccharin Tablets | .. | .. | .. | .. | .. | 1 |
| Bun Powder | .. | .. | .. | .. | .. | 1 |
| Hen Egg Yolk | .. | .. | .. | .. | .. | 1 |
| Vinegar | .. | .. | .. | .. | .. | 1 |
| Ground Ginger | .. | .. | .. | .. | .. | 1 |

All the samples taken proved to be genuine.

SCAVENGING, 1920.

COLLECTION.

| Month. | Dust Bins. | Ashpits (Dry). | Privy Middens. | Recep- tacles. | Total. |
|--------------|---------------|-------------------|-------------------|-------------------|---------|
| January .. | 4961 | 541 | 46 | 11,823 | 17,371 |
| February .. | 4336 | 406 | 46 | 10,668 | 15,456 |
| March .. | 4880 | 572 | 70 | 12,390 | 17,912 |
| April .. | 4833 | 388 | 44 | 11,340 | 16,605 |
| May .. | 4681 | 368 | 32 | 11,219 | 16,300 |
| June .. | 4689 | 525 | 47 | 10,597 | 15,858 |
| July .. | 5241 | 458 | 41 | 11,886 | 17,626 |
| August .. | 3948 | 313 | 20 | 11,550 | 15,831 |
| September .. | 5162 | 389 | 24 | 11,655 | 17,230 |
| October .. | 4999 | 427 | 35 | 11,256 | 16,717 |
| November .. | 5082 | 594 | 68 | 11,529 | 17,273 |
| December .. | 5245 | 427 | 26 | 11,550 | 17,248 |
| Total .. | 58,057 | 5408 | 499 | 137,463 | 201,427 |

SCAVENGING, 1920.

DISPOSAL.

| Month. | Vans. | Depot. Carts. | Halifax Road. Carts. | Mar- shall's. Carts. | Hipper- holme. Carts. | Wood- house. Carts. | Elland Edge. Carts. | Other Vans. | Carts. | Total. |
|-----------|-------|------------------|----------------------------|----------------------------|-----------------------------|---------------------------|---------------------------|----------------|--------|--------|
| January | 374 | 106 | 72 | 82 | 42 | — | 10 | 189 | 208 | 1083 |
| February | 354 | 96 | 66 | 82 | 35 | — | 7 | 154 | 128 | 922 |
| March | 432 | 109 | 115 | 95 | 30 | 5 | 13 | 158 | 219 | 1176 |
| April | 406 | 93 | 72 | 79 | 44 | — | — | 134 | 128 | 956 |
| May | 410 | 90 | 93 | 92 | 32 | 31 | 4 | 129 | 66 | 947 |
| June | 340 | 92 | 150 | 104 | 32 | 35 | 5 | 217 | 43 | 1018 |
| July | 338 | 91 | 73 | 96 | 38 | 60 | 14 | 228 | 46 | 984 |
| August | 335 | 66 | 59 | 117 | 27 | 40 | 5 | 215 | 33 | 897 |
| September | 320 | 77 | 80 | 117 | 22 | 43 | 2 | 235 | 41 | 937 |
| October | 329 | 84 | 105 | 85 | 20 | 43 | 6 | 207 | 68 | 947 |
| November | 329 | 94 | 126 | 142 | 29 | 62 | 10 | 220 | 45 | 1057 |
| December | 364 | 90 | 84 | 91 | 39 | 53 | 1 | 186 | 65 | 973 |
| Total | 4331 | 1088 | 1095 | 1182 | 390 | 372 | 77 | 2272 | 1090 | 11897 |

SCAVENGING, 1920 (COLLECTION).**INCOME, 1920.**

| | | | | | | | | £ | s. | d. |
|-------------------|----|----|----|----|----|----|----|------|----|----|
| To Manure | .. | .. | .. | .. | .. | .. | .. | 44 | 19 | 9 |
| „ Breeze | .. | .. | .. | .. | .. | .. | .. | 48 | 1 | 4½ |
| „ Glass | .. | .. | .. | .. | .. | .. | .. | 12 | 15 | 0 |
| „ Old Tins | .. | .. | .. | .. | .. | .. | .. | 12 | 16 | 9 |
| „ Removing Refuse | .. | .. | .. | .. | .. | .. | .. | 14 | 19 | 0 |
| „ Dust Bins | .. | .. | .. | .. | .. | .. | .. | 16 | 5 | 6 |
| „ Flushing Drains | .. | .. | .. | .. | .. | .. | .. | 5 | 9 | 2 |
| „ Fish Offal | .. | .. | .. | .. | .. | .. | .. | 1 | 17 | 6 |
| „ Rags.. | .. | .. | .. | .. | .. | .. | .. | 3 | 10 | 6 |
| „ Scrap Iron | .. | .. | .. | .. | .. | .. | .. | 0 | 12 | 9 |
| „ Disinfectants | .. | .. | .. | .. | .. | .. | .. | 6 | 5 | 5 |
| Total | | | | | | | | £167 | 11 | 8½ |

EXPENDITURE, 1920.

| | Disposal at Depot. | Nightsoil. | Collection of Domestic Refuse. | Total. |
|----------------|-----------------------|------------|--------------------------------------|------------|
| | £ s. d. | £ s. d. | £ s. d. | £ s. d. |
| By Team Labour | 60 17 1 | 1593 4 1 | 1591 2 4 | 3245 3 6 |
| „ Manual | 803 19 4 | 907 12 0 | 890 5 1 | 2601 16 5 |
| | 864 16 5 | 2500 16 1 | 2481 7 5 | 5846 19 11 |

SLAUGHTERHOUSE, 1920.

| INCOME. | EXPENDITURE. |
|-------------------------|----------------|
| Slaughterhouse Charges. | Wages. |
| £160 17s. 7d. | £149 15s. 11d. |

**TABULATION SHEWING NUMBER OF PRIVIES AND PAIL
CLOSETS IN THE BOROUGH,**

| | Privies. | Pails. |
|---|----------|--------|
| No. of midden privies where " a sewer and water supply are reasonably available " | 256 | |
| No. of pail closets where " a sewer and water supply are reasonably available " .. | | 2687 |
| No. of midden privies where " a sewer and water supply are NOT reasonably available " | 34 | |
| No. of pail closets where " a sewer and water supply are NOT reasonably available " | | 20 |
| Total No. of midden privies and pail closets .. | 290 | 2707 |

**RETURN SHEWING THE DISTRIBUTION IN THE VARIOUS
WARDS OF THE BOROUGH.**

| | Privies. | Pails. |
|------------------------|----------|--------|
| Hove Edge Ward | 56 | 103 |
| North | 11 | 360 |
| Calder | 7 | 493 |
| Bonegate | 41 | 619 |
| Central | 20 | 386 |
| East | 49 | 246 |
| West | 38 | 320 |
| South | 68 | 180 |
| Total | 290 | 2707 |

CLASSIFIED LIST OF WORKSHOPS.

| | | | |
|-----------------------|----|----------------------|-----|
| Bakehouses | 25 | Milliners | 16 |
| Blacksmiths | 7 | Painters | 7 |
| Bootmakers | 27 | Paper Bag Maker .. | 1 |
| Botanical Brewer .. | 1 | Photographers | 3 |
| Brushmakers | 2 | Plumbers | 8 |
| Cabinet Makers | 5 | Polishers | 5 |
| Cloggers | 4 | Saddlers | 2 |
| Coach Builder | 1 | Soap Makers | 4 |
| Coopers | 5 | Sweet Packer | 1 |
| Leather Currier | 1 | Tailors | 13 |
| Dressmakers | 30 | Tin Plate Workers .. | 6 |
| Gut Scrapers | 2 | Tripe Boilers | 4 |
| Jewellers | 6 | Upholsterers | 3 |
| Joiners | 7 | Wheelwrights | 6 |
| Knitters | 4 | Wireworker | 1 |
| Laundries | 5 | Burler and Mender .. | 1 |
| Maltsters | 2 | | |
| Mattress Maker | 1 | Total | 216 |

DAIRIES AND COWSHEDS.

| | |
|--|-----|
| No. of Registered Cowkeepers | 29 |
| No. of Cowsheds | 47 |
| No. of Milch Cows | 300 |
| No. of Farmers residing outside who purvey Milk within the Borough | 20 |
| No. of Farmers residing inside who purvey Milk within the Borough | 23 |
| No. of Farmers who do not purvey Milk | 5 |
| No. of Milk Purveyors who are not Dairy Farmers | 11 |
| Total No. on Register of Cowkeepers, Dairymen and Purveyors of Milk | 60 |
| Total No. of Visits, 1920 | 63 |

VETERINARY ESTABLISHMENT.

55 RHODES STREET,

TEL. 618.

HALIFAX,

MARCH 10TH, 1921.

TO THE MEDICAL OFFICER OF HEALTH.

DEAR SIR,

I have pleasure in submitting my first report to you. This deals with work done by me since my appointment up to the 31st of December. My appointment came into force on August 1st last, but on July 28th I was instructed to attend at one farm in the Borough and inspect a cow which had newly arrived from Ireland, and which had been in contact with cows affected with Foot and Mouth Disease. This cow exhibited no symptoms of the disease at the time of my inspection. Temporary restrictions, however, were enforced on the farm, and no movement of cattle was allowed to or from the farm. This animal and others which had been in contact with it on the farm were kept under observation for several days, and continued to be in normal health, and eventually the Board of Agriculture granted the removal of the restrictions on these animals.

On October 10th I was notified of a cow being found dead in a cattle truck at the L. & Y. Station, Brighthouse. On examination of this carcase I found it to be highly suspicious of Anthrax, and consequently reported it to the Police Authorities in Brighthouse, and to yourself for notification to the Board of Agriculture. I took a sample of blood from the carcase and sent it to the laboratories of the Board of Agriculture for bacteriological examination, but a week later a report was returned to the effect that the *Bacillus of Anthrax* was not found. The carcase was destroyed on the evening of the same day at the Sanitary Depot, under instruction received from you.

In my examinations of the cattle both inside and outside of the Borough, I have been pleasantly surprised at their condition, the average being very good indeed, and, I might add, better than pre-war condition. This fact I attribute to the much higher market value of cattle, which in one sense leads the owners to take more care with them and have more pride in them. I have made 23 visits to mistals in the Borough, and examined 205 head of cattle; and paid 21 visits to farmers outside the Borough, and examined 257 cattle, some of the milk from which comes into the Borough.

* No cows have been found suffering from any disease which could be transmitted to human beings by way of the milk.

Owing to the unsuitable length of the stalls in some mistals, some of the cows get a quantity of excreta caked on their hind quarters, which when dried is liable to be knocked off in small particles and contaminate the milk when this is being drawn. Whilst having drawn attention to this matter, I have not in any way suggested that cows should be regularly groomed, but simply that their hind quarters at least should be kept as clean as possible, to prevent any not unlikely contamination of the milk whilst it is being taken.

In conclusion, I may state that the general condition of the cattle is highly satisfactory and a credit to the Borough.

Yours faithfully,

THOMAS A. ELAM,
M.R.C.V.S.