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Contributors

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Borough of



Stalybridge.

Medical Officer's
REPORT

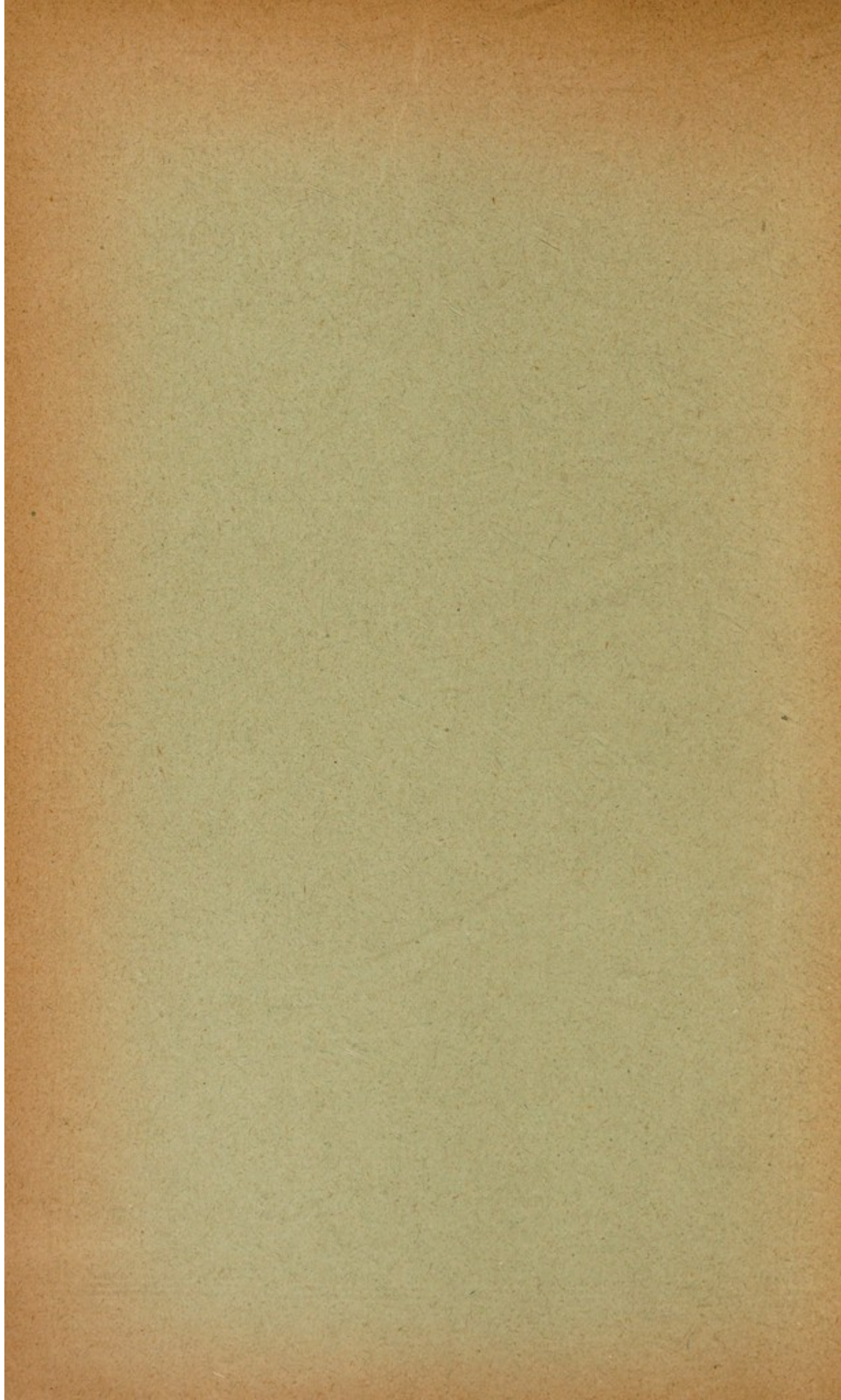
UPON THE

Health of Stalybridge,

FOR THE YEAR 1917.

STALYBRIDGE :

Geo. Whittaker & Sons, Printers, Market Street.



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Medical Officer's Report

FOR THE YEAR 1917.



The Chairman and Members of the Sanitary Committee.

GENTLEMEN,

This Report for the year 1917 is my thirteenth Annual Report upon the health of the Borough, and I think you will find it, from a health point of view, the most satisfactory of all the Reports which I have so far had the honour of submitting to you.

The total number of deaths registered during the year as belonging to the Borough was only 373, the lowest number ever recorded and 35 less than the previous year's record; while the deaths of infants under one year of age were actually one less than during that same year—47 during 1917 as against 48 during 1916.

At the same time we are confronted with an exceptionally small number of births registered during the year—365 as against 440 during the year 1916. This is, indeed, not only an unfortunate, but also the most unsatisfactory feature of the year's record, but I trust that it is solely due to the exigencies of the present time, and that after this devastating war is over we shall experience a steady and rapid increase in the number of births until the birth rate of our Borough surpasses the average figure, below which it has continued to fall for very many years past.

The estimated civilian population of the Borough was in April 1916, returned by the Registrar General for purposes of calculation as 23,626 for the death rate and as 25,706 for the birth rate.

Assuming the figures to be at the present time approximately 23,500 for the death rate and 25,500 for the birth rate, we get a death rate of 15.4 and a birth rate of 14.3 for the past year, as against a corrected death rate of 17.2 and a corrected birth rate of 17.1 for the previous year.

Classified according to age the deaths were as follows:—

| | 1917 | 1916 |
|------------------------------------|------|------|
| Under 1 year of age | 47 | 48 |
| Between 1 and 2 years of age | 14 | 19 |
| „ 2 „ 5 „ | 13 | 11 |
| „ 5 „ 15 „ | 18 | 16 |
| „ 15 „ 25 „ | 26 | 19 |
| „ 25 „ 45 „ | 45 | 46 |
| „ 45 „ 65 „ | 104 | 122 |
| 65 years of age and upwards | 106 | 127 |
| Total..... | 373 | 408 |

The diseases which have been especially active in adding to the number of Deaths are :

| | 1917 | 1916 |
|---|------|------|
| Respiratory Diseases causing | 82 | 107 |
| Heart Diseases „ | 35 | 44 |
| Pulmonary Tuberculosis „ | 39 | 36 |
| Cancer, Malignant Disease „ | 21 | 26 |
| Congenital Debility including Premature Birth „ | 26 | 18 |

It will be noted that the diminution in the death rate is consequent upon fewer deaths of persons over 45 years of age—210 as against 249 during the year 1916—the result of a considerably diminished fatality from respiratory diseases and from organic disease of the heart.

Infantile Mortality.

The Deaths of Infants under one year of age were 47, as against an average of 99 for the previous ten years, but computed upon the number of births registered the infantile mortality was 128.5 against an average of 166.5 for the previous ten years.

The following are the rates of infantile mortality for the respective wards:—

| | 1917. | | 1916. | | 1915. | | 1914. | | 1913. |
|-----------------|-------|----|-------|----|-------|----|-------|----|-------|
| Lancashire Ward | 158 | .. | 100 | .. | 172.5 | .. | 180 | .. | 160 |
| Stayley | 90 | .. | 108 | .. | 86.5 | .. | 135 | .. | 150 |
| Dukinfield | 137.5 | .. | 108 | .. | 220 | .. | 303 | .. | 150 |
| Millbrook | 222 | .. | 143 | .. | 70 | .. | 180 | .. | 87 |

For the whole Borough we have the following:—

| | 1912. | 1913. | 1914. | 1915. | 1916. | 1917. |
|--|-------|-------|-------|-------|-------|-------|
| Number of Deaths under one year of age | .. | 78 | 90 | 120 | 81 | 48 |
| Infantile Mortality Rate | 137 | 147 | 240 | 147.5 | 109 | 128.5 |

Summary of the Causes of Death of Infants under one year of age.

| | | | |
|----------------------|----|----|-----------|
| Measles | .. | .. | 4 |
| Premature Birth | .. | .. | 12 |
| Respiratory Diseases | .. | .. | 7 |
| Wasting | .. | .. | 12 |
| Tuberculous | .. | .. | 1 |
| Convulsions | .. | .. | 2 |
| Diarrhoeal Diseases | .. | .. | 2 |
| All other causes | .. | .. | 7 |
| Total | .. | .. | <u>47</u> |

Twenty-two of the infants succumbed before they were one month old:

| | | | |
|----------------------|----|----|-----------|
| Under one day of age | .. | .. | 3 |
| Between 1 and 7 days | .. | .. | 8 |
| " 7 and 14 | .. | .. | 4 |
| " 14 and 21 | .. | .. | 5 |
| " 21 and 28 | .. | .. | 2 |
| " 1 and 3 months | .. | .. | 6 |
| " 3 and 6 | .. | .. | 3 |
| " 6 and 9 | .. | .. | 6 |
| " 9 and 12 | .. | .. | 10 |
| | | | <u>47</u> |

Of these 24 were males and 23 were females. Three sets of twins died—one set under a day old, another set under a week old, and a third set within fifteen days—while one of still another set of twins died only a month old.

Thirteen still-births were notified during the year.

It is evident from even a casual glance at the foregoing figures that influences other than those dependent upon insanitary conditions have had the chief part to play in the loss of infant life at such an early stage, amongst which influences probably the most potent have been ignorance, personal and social habits, ill health of parents, and, possibly, poverty.

The recognition of these influences upon infantile mortality, which are only very partially remedied and alleviated by improved sanitary conditions, has led to the establishment of Maternity and Infant Welfare Centres, and it will be readily conceded that a great and important work awaits them. Such a Centre has been inaugurated by the County Council, and was, about the middle of September last, opened in our Borough for the needs of Stalybridge and Dukinfield. It has only been working for a few months ; it is doing a good work, and there is every reason to believe that it will prove a blessing to all who go there for assistance and advice.

Intimately associated with the birth rate and with infantile mortality is the matter of the prevalence and prevention of Venereal Diseases, which has of late been brought so prominently to the public notice, for these diseases are mainly responsible for sterility, for miscarriages, for immature births, for infant blindness and for puny, delicate, prematurely-aged infants who rarely survive their first year of life.

It is with a view to counteract this terrible evil, which will most probably, as an after-effect of the war, become accentuated in the future that the Local Government Board are desirous that the Council of every County and of every County Borough in England and Wales shall both provide laboratory facilities for diagnosis, and establish clinics for the free treatment of such diseases and are willing to defray 75 per cent. of the cost incurred in carrying out any arrangements which have been approved by the Board.

Moreover, the prevailing opinion is that the dire consequences of these diseases ought to be impressed upon the public mind, and that a grave responsibility rests upon ministers of religion, upon head teachers, and upon parents to enlighten the public generally, as well as boys and girls, who have come to years of discretion, as to the terrible and far-reaching consequences of illicit and impure sexual intercourse.

It appears to me that the Maternity Centres may also do their share in their Ante-Natal Section by timely advice and early reference to an appropriate place for treatment.

Infectious Diseases.

Apart from an epidemic of measles, the Borough has been exceptionally free from Infectious Diseases of a serious nature, as will be seen from the following table of their nature and distribution.

| | Number of Cases | Lancashire Ward | Stayley Ward | Dukinfield Ward | Millbrook Ward | Number of Deaths |
|---------------------|--------------------|--------------------|-----------------|--------------------|-------------------|---------------------|
| Measles | 466 | 93 | 158 | 177 | 38 | 10 |
| German Measles | 12 | 4 | 3 | 4 | 1 | 0 |
| Scarlet Fever | 7 | 1 | 4 | 0 | 2 | 0 |
| Diphtheria | 8 | 1 | 0 | 0 | 7 | 2 |
| Membranous Croup | 2 | 0 | 0 | 2 | 0 | 2 |
| Typhoid Fever | 2 | 0 | 1 | 1 | 0 | 0 |
| Puerperal Fever | 1 | 1 | 0 | 0 | 0 | 0 |
| Erysipelas | 8 | 2 | 4 | 2 | 0 | 0 |

Epidemics of Measles recur every two or three years, the previous epidemic being in the year 1914 when 32 deaths were recorded.

Isolated cases of Measles occurred throughout the year 1916, but at no time did they assume an epidemic character, nor did a death result therefrom.

About the middle of February, 1917, one case of German Measles and one case of Measles were notified, and from that time cases became more numerous each month, until they reached the high figure of 93 during July. During August and September they declined, only to rise again during October and November, after which month they rapidly subsided, the epidemic being practically over at the close of the year.

The number of cases actually notified during each month were as follows:—

| Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|------|------|------|-------|-----|------|------|------|-------|------|------|------|
| 0 | 2 | 3 | 13 | 18 | 59 | 93 | 68 | 33 | 58 | 98 | 33 |

In all, 478 cases were notified, and besides these a few were discovered by the Lady Health Visitor whilst visiting and making inquiries *re* notified cases, so that some 500 distinct centres of infection became known. In many instances there were two or even three children of the family attacked, so that we may compute the total number of cases occurring throughout the Borough as, approximately, 1,000.

The disease was of a mild character, and only 10 deaths ensued—four under one year of age, four between one and two years of age, and two between two and five years of age. Handbills were early distributed throughout the Borough, and leaflets of advice were left at the affected homes, and yet the disease spread, partly because of its highly infectious nature even before the rash appears, and largely because it is difficult to get the general public to regard measles as a really serious disease, although it is one of the most fatal of children's ailments.

SCARLET FEVER.—Only seven cases were notified during the year as against 15 cases in 1916 and 79 cases in 1915. All were of a mild type, and no death resulted therefrom.

Two cases of Typhoid Fever were notified, both of which ended in recovery.

The following are the numbers of cases notified and of the deaths ensuing during recent years:—

| | 1913 | 1914 | 1915 | 1916 | 1917 |
|-------------------|------|------|------|------|------|
| No. of Cases..... | 10 | 3 | 7 | 3 | 2 |
| „ Deaths | 4 | 1 | 4 | 0 | 0 |

Diarrhoea and Enteritis caused 2 deaths only, both of which were under one year of age.

Eight cases of Diphtheria and two cases of Membranous Croup were notified, of which four proved fatal. Antitoxin is now supplied to medical practitioners free of charge for use in necessitous cases within the Borough.

Only one case of Puerperal Fever was notified during the year, with recovery of the patient.

Though the midwives are no longer under my supervision every facility is, nevertheless, afforded them of having any infected clothing, &c, effectively dealt with at the town's Disinfecting Station whenever requisite.

Two cases of Ophthalmia Neonatorum were notified during the year.

Tuberculosis.

During the year 48 persons have been notified as suffering from Pulmonary Tuberculosis, of whom 32 were males and 16 females; while 4 males and 3 females have been notified as suffering from other forms of Tuberculosis.

As regards the location of the cases of Pulmonary Tuberculosis in the Borough and the number of cases occurring at different ages, there were in

| | | | |
|---------------------|-----------|-------------|----------------------|
| Wards :—Lancashire. | Stayley. | Dukinfield. | Millbrook. |
| 9 | 12 | 25 | 2 |
| And at | | | |
| Age : | 5-15 yrs. | 15-25 yrs. | 25-45 yr. 45-65 yrs. |
| | 5 | 7 | 25 11 |

Upon receipt of the notification of a patient resident at the time in the Borough, the patient is visited and enquiries are made as to the patient's habits and occupation, the sanitary condition of the premises, the number of inmates, and the possibility or impossibility of the patient's isolation in separate bed and bedroom. A leaflet of instructions is left for the observance of the patient and the others in the home, and periodical disinfection of the premises by the Sanitary Authority is also advised.

The deaths from Pulmonary Tuberculosis during the year numbered 39. I quote those of recent years, for comparison :—

| | | | | | |
|----------------------|------|------|------|------|------|
| Year :— | 1917 | 1916 | 1915 | 1914 | 1913 |
| Number of Deaths.. | 39 | 36 | 35 | 36 | 32 |
| Death Rate | 1.66 | 1.46 | 1.3 | 1.3 | 1.2 |

From other forms of Tuberculosis there were 14 deaths.

Each week the Sanitary Inspector is furnished by me with a return of any deaths registered as due to Pulmonary Tuberculosis, so that he may visit and ask permission to disinfect the bedding and premises used by the sufferer, and as a rule the friends are most willing to allow these precautions to be taken.

Respiratory Diseases.

During the year fewer deaths than usual have taken place from this group of diseases, including Bronchitis, Pneumonia, Pleurisy and other Diseases of the Respiratory Organs, which is always prominent amongst our death returns, being mainly dependent upon the variable climatic conditions which prevail in this part of the country.

| | | | | | |
|----------------------|------|------|------|------|------|
| Year :— | 1917 | 1916 | 1915 | 1914 | 1913 |
| Number of Deaths.... | 82 | 107 | 106 | 113 | 103 |
| Death Rate | 3.5 | 4.36 | 3.9 | 4.2 | 3.8 |

Cancer.

There were 21 deaths from Cancer (including "Malignant Disease"), the numbers for previous years being:—

| 1916 | 1915 | 1914 | 1913 | 1912 |
|------|------|------|------|------|
| 26 | 42 | 31 | 36 | 26 |

Examining the cases in the borough during the year I find the deaths distributed thus:—

| Wards— | Millbrook. | Lancashire. | Dukinfield. | Stayley. | | | | | |
|-----------------------------------|-----------------------|-------------|--------------|------------|----------------------------|------------|------------|------------|-------------------|
| No. of deaths } from Cancer } | 3 | 5 | 5 | 8 | | | | | |
| Ages at death } from Cancer. } | 35-40 1 | 40-45 0 | 45-50 2 | 50-55 1 | 55-60 2 | 60-65 6 | 65-70 5 | 70-75 1 | over 75 yrs. 3 |
| Seat of } disease } | Digestive Tract. 9 | | Uterus. 4 | | Other parts or Organs 8 | | | | |

As regards sex, 13 of the deaths were of males, and 8 were of females.

Premises where deaths from "Malignant Disease" have occurred are disinfected.

Meat Inspection.

During the year the Meat Inspector, Mr. Edward Brown, has periodically inspected the various Butchers' and Pork Shops, the Slaughter Houses, and the Fish and Tripe Shops in the Borough,

Several large quantities of tripe, feet, trotters, etc., consigned to various tripe dressers in the town, were found to be unfit for food, owing to delay in transit on the railway and had to be sent to the Destructor. Representations *re* this avoidable waste of what should have been wholesome food were made both to the Ministry of Food and to the Railway Company, with a view to obviating it in future, and satisfactory assurances were given that the matter should receive every attention.

HEALTH DEPARTMENT.

General Inspection of the District.

The general inspection of the various premises within the Borough has continued throughout the year and the total number of visits made is 1348. The number of notices served for the removal of nuisances is 364 informal notices and no statutory notices.

The following table gives a summary of the nuisances which have been dealt with:—

| | |
|---|-----------|
| Insanitary ashpits | 19 |
| Defective drains | 94 |
| Defective W.C's | 78 |
| Unsatisfactory ashes accommodation | 58 |
| Dirty houses, closets, and passages | 3 |
| General defects on property | 41 |
| Smoke nuisances | 4 |
| Defective paving.. .. . | 1 |
| Overcrowding | 1 |
| Manure accumulations | 6 |
| Other nuisances | 29 |
| Total | <hr/> 364 |

The Sanitary Inspector has continued his house to house inspection of the Borough and when necessary I have also accompanied him in the inspection. Full records are made and are readily available so that when the time is more opportune several defective or insanitary properties will be brought to the notice of the Sanitary authority. As it is, only really necessary and urgent alterations and improvements have been insisted upon.

During the year, 140 dwellings have been carefully inspected and reported upon. Besides these, 41 dwellings were inspected, and notices under the Public Health Act were served for various repairs and alterations.

Smoke observations have been taken in 16 cases and in 4 cases the limit allowed for dense smoke has been exceeded and notices have accordingly been served.

The Dairies, Cowsheds and Milkshops have received periodical visits from the Sanitary Inspector. The premises on the whole are kept in a satisfactory state but it was found necessary in five cases to notify the occupiers of the premises of certain defects which required attention.

The Disinfection Station has been most serviceable in dealing with infected articles. 36 beds and mattresses, 58 pillows and bolsters, 2 blankets, 6 quilts and sheets, and 20 miscellaneous articles have been dealt with.

Moreover 63 premises, including the Elementary Day Schools, have been disinfected by fumigation. Also 2 library books have been brought away and destroyed and 4 disinfected.

CLEANSING DEPARTMENT.

House Refuse Removal.

The following table shows the return of the number of ashbins, privy middens, and dry pits which have received attention during the year and the number of loads disposed of at the Destructor and the Tips.

| Ashbins. | Middens. | Dry pits. | Loads. | Offal Loads |
|----------|----------|-----------|---------|-------------|
| 84946 .. | 1635 .. | 1018 .. | 5914 .. | 67 |

The number of privy middens, dry ashpits and ashbins is shown below in each Ward, the refuse from which is removed by this Department. Also a table follows showing the sanitary accommodation as it now stands in each Ward.

| Ward. | Privy Middens | Dry Ashpits. | Ashbins. |
|---------------------|---------------|--------------|----------|
| Lancashire Ward.... | 115 | 70 | 740 |
| Stayley Ward | 316 | 160 | 964 |
| Dukinfield Ward.... | 173 | 71 | 538 |
| Millbrook Ward | 72 | 66 | 150 |
| | <hr/> | <hr/> | <hr/> |
| | 676 | 367 | 2392 |

| Ward. | Houses & Shops. | T.W.Cs. | W.W.Cs. | Privies. | Pails. |
|----------------------|-----------------|---------|---------|----------|--------|
| Lancashire Ward | 1556 | 577 | 524 | 223 | 36 |
| Stayley Ward | 2803 | 861 | 760 | 646 | 47 |
| Dukinfield Ward | 1803 | 598 | 223 | 390 | 17 |
| Millbrook Ward | 675 | 216 | 177 | 161 | 38 |
| | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| | 6837 | 2252 | 1684 | 1420 | 138 |

The following table shews the accommodation at the Factories, Workshops, Schools, and Churches (inclusive).

| T.W.Cs. | W.W.Cs. | Privies. | Pails. |
|---------|---------|----------|--------|
| 848 | 22 | 15 | 31 |

Contagious Diseases (Animals) Inspections.

Under the Swine Fever (Regulation of Movement) Order 9 declaration forms and 11 licences respecting the movement of store pigs, and 23 Declaration forms relating to swine marked for slaughter have been issued. Also 13 licences have been received from other districts.

Canal Boats Report.

The inspections number 7 and the condition of the boats on the whole appeared to be satisfactory, with the exception of one infringement of the Acts and Regulations for having no certificate on board.

Factory and Workshop Act.

The Factories and Workshops in the Borough have been inspected and attention has been called to any defects or irregularities observed.

I am, gentlemen,

Your obedient servant,

WILLIAM J. HANCOCK,

Medical Officer of Health.

Mar. 6th, 1918.

NUMBER OF DEATHS.

FOR THE YEAR 1917.

Causes of Death.

| | |
|--|------------|
| Enteric Fever | 0 |
| Small Pox | 0 |
| Measles | 10 |
| Scarlet Fever | 0 |
| Whooping Cough | 0 |
| Diphtheria and Croup | 4 |
| Influenza | 2 |
| Erysipelas | 1 |
| Cerebro-Spinal Meningitis | 0 |
| Meningitis | 9 |
| Pulmonary Tuberculosis.. .. . | 39 |
| Tuberculous Meningitis | 5 |
| Other Tuberculous Diseases | 9 |
| Rheumatic Fever | 1 |
| Cancer, Malignant Disease | 21 |
| Bronchitis | 56 |
| Pneumonia (all forms) | 21 |
| Other Diseases of Respiratory Organs.. .. . | 5 |
| Diarrhoea and Enteritis | 2 |
| Appendicitis and Typhlitis | 5 |
| Alcoholism | 1 |
| Cirrhosis of Liver | 3 |
| Nephritis and Bright's Disease | 10 |
| Puerperal Fever | 0 |
| Other Accidents and Diseases of Pregnancy and Parturition.. .. . | 0 |
| Congenital Debility and Malformation including Premature Birth | 26 |
| Violent Deaths, excluding Suicide.. .. . | 8 |
| Suicides.. .. . | 1 |
| Heart Disease | 35 |
| Other Defined Diseases | 99 |
| Diseases, ill-defined or unknown | 0 |
| All causes | <u>373</u> |

The following table will show the number of deaths in each year from the seven chief zymotic diseases, as well as the various Death-rates for the past ten years, and also the deaths of children under 1 year of age to 1000 births registered:—

| | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 |
|---|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| Smallpox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles | 0 | 7 | 0 | 39 | 3 | 4 | 32 | 10 | 0 | 10 |
| Scarlet fever | 3 | 3 | 9 | 1 | 2 | 3 | 3 | 3 | 0 | 0 |
| Diphtheria and Membranous Croup | 5 | 0 | 1 | 1 | 4 | 1 | 2 | 4 | 4 | 4 |
| Whooping Cough | 19 | 0 | 11 | 3 | 13 | 0 | 13 | 0 | 6 | 0 |
| Fevers of con- tinned character { Typhus..... Enteric..... Doubtful | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diarrhoea and dysentery | 5 | 2 | 3 | 7 | 2 | 4 | 1 | 4 | 0 | 0 |
| Deaths from the 7 chief zymotic diseases | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Deaths from other causes | 27 | 3 | 5 | 41 | 8 | 31 | 27 | 25 | 3 | 2 |
| Totals for each year due to the Borough | 59 | 15 | 29 | 92 | 32 | 43 | 78 | 46 | 13 | 16 |
| Death-rate from the 7 zymotic diseases per 1000 | 498 | 446 | 428 | 410 | 408 | 441 | 476 | 445 | 395 | 357 |
| Death-rate from all other causes per 1000 | 557 | 461 | 457 | 502 | 440 | 484 | 554 | 491 | 408 | 373 |
| General death-rate per 1000 | 2.04 | 0.5 | 1.0 | 3.45 | 1.2 | 1.6 | 2.9 | 1.8 | 0.53 | 0.68 |
| Deaths of children under 1 year of age to 1000 births registered | 17.22 | 15.38 | 14.65 | 15.45 | 15.26 | 16.4 | 17.7 | 16.4 | 16.09 | 14.72 |
| | 19.26 | 15.88 | 15.65 | 18.9 | 16.46 | 18.0 | 20.6 | 18.2 | 16.52 | 15.4 |
| | 219 | 146 | 166.5 | 172.3 | 137.3 | 147.3 | 204 | 147.5 | 109 | 128.5 |

TABLE I.
NAME OF DISTRICT, STALYBRIDGE.

| YEAR | Populati'n estimated to Middle of each Year | BIRTHS | | DEATHS UNDER ONE YEAR OF AGE. | | DEATHS AT ALL AGES. TOTAL | | DEATHS IN PUBLIC INSTITU- TIONS |
|------|--|--------|-------|-------------------------------------|---|---------------------------------|--------|---|
| | | Number | Rate* | Num- ber | Rate per 1000 Births registe'd | Number | Rate* | |
| 1907 | 28793 | 641 | 22.26 | 140 | 218 | 626 | 21.74 | 70 |
| 1908 | 28906 | 670 | 23.18 | 147 | 219 | 557 | 19.26 | 74 |
| 1909 | 29040 | 595 | 20.5 | 87 | 146 | 461 | 15.875 | 56 |
| 1910 | 29200 | 618 | 21.16 | 103 | 166.5 | 457 | 15.65 | 80 |
| 1911 | 26551 | 563 | 21.2 | 97 | 172.3 | 502 | 18.9 | 79 |
| 1912 | 26639 | 568 | 21.25 | 78 | 137.3 | 410 | 16.46 | 71 |
| 1913 | 26773 | 611 | 22.7 | 90 | 147.3 | 484 | 18.0 | †76 |
| 1914 | 26833 | 588 | 21.8 | 120 | 204 | 554 | 20.6 | 94 |
| 1915 | 26905 | 549 | 20.37 | 81 | 147.5 | 491 | 18.2 | 93 |
| 1916 | 24533 | 440 | 17.9 | 48 | 109 | 408 | 16.62 | 84 |
| 1917 | 23500 | 365 | 14.3 | 47 | 128.5 | 373 | 15.4 | 77 |

*Rates calculated per 1,000 of estimated population.

| | |
|---|-----------------------|
| | At Census of 1911. |
| Total population at all ages..... | 26,514 |
| Number of inhabited houses | 6 399 |
| Average number of persons per house | 4.14 |
| <hr/> | |
| Area of District in acres (exclusive of area covered by water) | 3,137 |

† Deaths in this column are all apportioned to the Districts in which they lived before removal.

TABLE II.
NAME OF DISTRICT, STALYBRIDGE.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1917.

| Notifiable Disease | Cases Notified in whole District. | | | | | | | | | | Total Cases Notified in each Locality. | | | | Total Cases Removed to Hospital. |
|---------------------------------------|-----------------------------------|----------|--------|---------|----------|----------|----------|----------------|-----------------|--------------|--|----------------|----|--|----------------------------------|
| | At all Ages. | Under 1. | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | 65 and upwards | Lancashire Ward | Stayley Ward | Dukinfield Ward | Millbrook Ward | | | |
| Diphtheria (includ. Membranous Group) | 10 | 0 | 4 | 5 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 7 | .. | | |
| Erysipelas | 8 | 0 | 0 | 0 | 0 | 2 | 5 | 1 | 2 | 4 | 2 | 0 | .. | | |
| Scarlet Fever..... | 7 | 0 | 1 | 5 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 2 | .. | | |
| Enteric Fever | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | | |
| Puerperal Fever.... | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | .. | | |
| Pulmonary Tuberculosis | 48 | 0 | 0 | 5 | 7 | 25 | 11 | 0 | 9 | 12 | 25 | 2 | .. | | |
| Other forms of Tuberculosis... | 7 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 3 | 2 | 2 | 0 | .. | | |
| Measles | 466 | 12 | 228 | 220 | 5 | 0 | 1 | 0 | 93 | 158 | 177 | 38 | .. | | |
| German Measles .. | 12 | 0 | 2 | 6 | 2 | 2 | 0 | 0 | 4 | 3 | 4 | 1 | 0 | | |
| Ophthalmia Neonat. | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | | |
| Totals... | 563 | 14 | 235 | 245 | 21 | 29 | 18 | 1 | 115 | 184 | 214 | 50 | 1 | | |

ISOLATION HOSPITAL—JOINT BOARD'S SMALLPOX HOSPITAL. HOSPITAL—BOROUGH HOSPITAL, ASHTON-UNDER-LYNE.

TABLE III.

NAME OF DISTRICT, STALYBRIDGE.

CAUSES OF, AND AGES AT, DEATH DURING THE YEAR 1917.

| CAUSE OF DEATH. | Nett Deaths at the Subjoined Ages of "Residents" whether occurring within or without the District. | | | | | | | | Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District. | | |
|---|--|---------|---------------|---------------|----------------|-----------------|-----------------|-----------------|---|----|--|
| | All Ages | Under 1 | 1 and under 2 | 2 and under 5 | 5 and under 15 | 15 and under 25 | 25 and under 45 | 45 and under 65 | 65 and upwards | | |
| ALL CAUSES. | | | | | | | | | | | |
| Certified | 373 | 47 | 14 | 13 | 18 | 26 | 45 | 104 | 106 | 77 | |
| Uncertified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Measles | 10 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Diphtheria and Croup | 4 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Influenza | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | |
| Erysipelas | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | |
| Phthisis (Pulmonary Tuberculosis) | 39 | 0 | 0 | 0 | 2 | 11 | 17 | 9 | 0 | 8 | |
| Tuberculous Meningitis | 5 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | |
| Other Tuberculous Diseases | 9 | 1 | 1 | 0 | 2 | 2 | 3 | 0 | 0 | 4 | |
| Cancer, malignant disease | 21 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 9 | 3 | |
| Rheumatic Fever | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | |
| Meningitis | 9 | 0 | 0 | 2 | 4 | 2 | 1 | 0 | 0 | 0 | |
| Organic Heart Disease | 55 | 2 | 0 | 0 | 0 | 1 | 3 | 12 | 17 | 15 | |
| Bronchitis | 56 | 3 | 1 | 1 | 0 | 0 | 5 | 26 | 20 | 10 | |
| Pneumonia (all forms) | 21 | 4 | 2 | 1 | 3 | 0 | 2 | 4 | 5 | 3 | |
| Other diseases--Respiratory organs | 5 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | |
| Diarrhoea and Enteritis | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Appendicitis and Typhlitis | 5 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | |
| Nephritis and Bright's Disease .. | 10 | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 1 | 1 | |
| Cirrhosis of Liver | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | |
| Alcoholism | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | |
| Congenital Debility & Malformation, including Premature Birth | 26 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| Violent Deaths, excluding Suicide | 8 | 0 | 1 | 1 | 0 | 1 | 1 | 3 | 1 | 3 | |
| Suicides | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| Other Defined Diseases | 99 | 7 | 1 | 3 | 1 | 5 | 5 | 27 | 50 | 19 | |
| | 373 | 47 | 14 | 13 | 18 | 26 | 45 | 104 | 106 | 77 | |

TABLE IV. NAME OF DISTRICT, STALYBRIDGE
INFANTILE MORTALITY DURING THE YEAR 1917.

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

| CAUSE OF DEATH. | Under 1 | 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. | | | | | | | | | |
| Certified | 11 | 4 | 5 | 2 | 22 | 6 | 3 | 6 | 10 | 47 |
| Uncertified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 |
| Tuberculous Meningitis .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Tuberculous Diseases | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Convulsions | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Bronchitis | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 3 |
| Pneumonia (all forms) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 4 |
| Diarrhoea and Enteritis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Syphilis | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Laryngitis | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| Congenital Heart Disease .. | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 |
| Premature Birth | 9 | 1 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 12 |
| Atrophy, Debility and Marasmus .. | 1 | 2 | 2 | 1 | 6 | 3 | 1 | 0 | 2 | 12 |
| Other Causes | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 |
| | 11 | 4 | 5 | 2 | 22 | 6 | 3 | 6 | 10 | 47 |

Nett Births in the year :—Legitimate 335 ; Illegitimate 30.

Nett Deaths in the year :—Legitimate Infants 44 ; Illegitimate infants 3.

