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Contributors

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COUNTY BOROUGH OF BURNLEY.

LOCAL SANITARY AUTHORITY.


Report on the Public Health
AND
Sanitary Administration,
FOR THE YEAR 1917.

THOMAS HOLT, M.D.,

Medical Officer of Health.

BURNLEY:

JOHN DIXON, LTD., BOROUGH PRINTING WORKS, MANCHESTER ROAD.



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COUNTY BOROUGH OF BURNLEY.

HEALTH DEPARTMENT.

Medical Officer's Report

For the Year ended December 31st, 1917.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE,
COUNTY BOROUGH OF BURNLEY.

GENTLEMEN,

At the Health Committee Meeting of January 30th, 1918, it was decided that, owing to the war and consequent scarcity of material, the Annual Report of the Medical Officer for 1917 be not printed.

At the meeting held August 24th, 1919, it was decided to print the tables and more essential statistics in order to preserve the continuity of the Public Health records, and for the purpose of enabling comparisons to be made between these figures and those of other years.

I have the honour to be,

Gentlemen,

Your obedient servant,

THOMAS HOLT,

PUBLIC HEALTH DEPARTMENT,
ST. JAMES' STREET.
FEBRUARY, 1920.

Medical Officer of Health.

GENERAL INFORMATION FOR 1917.

| | |
|--|-----------------------|
| AREA | 4,629 acres. |
| POPULATION (Census 1911)..... | 106,337 |
| ESTIMATED POPULATION TO THE MIDDLE OF 1917 (Registrar-General's Estimation) | 93,779 |
| NUMBER OF HOUSES IN OCCUPATION | 25,458 |
| NUMBER OF HOUSES EMPTY..... | 423 |
| NUMBER OF HOUSES BUILT DURING YEAR | Nil. |
| DENSITY (per acre)..... | 22.3 |
| BIRTHS (Males, 743 ⁷³⁴ ; Females, 776) | 1,510 |
| Birth Rate, 16.1. | |
| DEATHS (Males, 740 ; Females, 764) | 1,504 |
| Death Rate, 16.0. | |
| INFANTILE MORTALITY | 144 per 1,000 births. |
| ILLEGITIMATE BIRTHS | 112 |
| ILLEGITIMATE DEATHS..... | 15 |
| DEATHS IN PUBLIC INSTITUTIONS..... | 325 |
| Union Workhouse Infirmary ... 142 | Non-residents ... 95 |
| Victoria Hospital 40 | Non-residents ... 41 |
| Sanatorium 4 | Non-residents ... 3 |
| PHTHISIS DEATH RATE | 1.07 |
| RATEABLE VALUE (March, 1917) | £449,000 |
| RAINFALL | 36.7 inches. |
| CONSUMPTION OF WATER | 810,304,163 gallons |
| REFUSE DESTROYED | 11,800 tons. |
| REFUSE TIPPED | 8,674 tons. |
| CLINKER TIPPED..... | 5,331 tons. |
| ASHPITS | 15,659 . |
| ASHBINS..... | 9,279 |

VITAL STATISTICS—Births and Deaths.

In the East Ward there were registered :

| | |
|--------------|------|
| Births..... | 765 |
| Deaths | 1013 |

In the West Ward there were registered :

| | |
|--------------|-----|
| Births..... | 753 |
| Deaths | 545 |

Births.—There have been 1,518 births (738 males and 780 females), of which 13 were born in the Workhouse (7 males and 6 females) ; 9 were born in Hospital (4 males and 5 females) ; 8 were the children of mothers whose homes were in other parts of the Union ; leaving 1,510 births belonging to Burnley.

These figures give a birth rate of 16.0, as compared with 22.1 for the previous ten years.

The birth rate for England and Wales for the last year was 17.8, and for the 96 large towns, 18.1.

The birth rate is highest in Gannow Ward (18.8) and lowest in Stoneyholme Ward (11.0).

Illegitimate Births.—There have been 112 illegitimate births (57 males and 55 females), as against 104 in 1916. 18 of these were born in the Workhouse, and 6 were the children of mothers whose homes were in other parts of the Union. Of these there were 106 Burnley mothers, as against 103 in 1916.

Deaths.—The total deaths in Burnley were 1,553. Of this number, 138 were of non-residents, most of whose deaths occurred in the Workhouse, Victoria Hospital, or Sanatorium. This leaves 1,415 deaths of residents. To this number has been added 89 deaths of Burnley people who have died outside Burnley, 20 of whom died in the County Asylum at Lancaster.

The net deaths, therefore, are 1504 (males 740 and females 764) giving a death rate of 16.0.

The rate in 1916 was 16.4, the average for the previous ten years being 16.7.

The general death rate for England and Wales in the year 1917 was 14.4, and for the 96 large towns, 14.6.

The particulars of the deaths, with the ages and the wards in which they occurred, are given in the Appendix.

The death rate is highest in St. Paul's Ward (15.7) and lowest in Lowerhouse Ward (10.2).

Inquests.—There were 75 inquests held in Burnley during the year ; the verdicts were as follows :

| | |
|------------------------|----|
| Accidental Death | 33 |
| Natural Causes | 31 |
| Suicide | 11 |

Of the above number, 16 were non-residents.

There were also 4 inquests held on Burnley residents who died outside the Borough, the following verdicts being returned :

| | |
|------------------------|---|
| Accidental Death | 3 |
| Suicide | 1 |

CAUSES OF DEATH.

| <i>Cause of Death.</i> | <i>No.</i> |
|-------------------------------|------------|
| RESPIRATORY DISEASES | 323 |
| Bronchitis | 184 |
| Pneumonia | 72 |
| Broncho-Pneumonia | 54 |
| Pleurisy | 4 |
| Other Forms | 9 |
| INFANTILE DISEASES..... | 89 |
| Premature Birth | 23 |
| Congenital Defects | 18 |
| Debility | 21 |
| Convulsions | 14 |
| Teething..... | 13 |
| TUBERCULOSIS | 150 |
| Phthisis | 105 |
| Tabes Mesenterica | 1 |
| Meningitis | 10 |
| Peritonitis | 15 |
| Other Forms | 19 |
| INQUESTS | 66 |
| Accidental | 23 |
| Natural Causes | 28 |
| Suicide | 15 |
| OLD AGE | 107 |
| INFECTIOUS DISEASES..... | 145 |
| MALIGNANT DISEASES..... | 88 |
| APOPLEXY | 89 |
| DIARRHOEA AND ENTERITIS | 30 |
| OTHER CAUSES | 447 |
| TOTAL | 1504 |

INFANTILE MORTALITY.

| | |
|---|----------------------|
| Deaths under one year | 218 |
| Rate | per 1,000 births 144 |
| Births of Illegitimate children | 122 |
| Deaths of Illegitimate children | 15 |
| Mortality rate of Illegitimate children | 134 |

Housing of Infants.—The figures relative to the housing of the infants are as follows :—

| <i>Dwelling Place.</i> | <i>No. Born.</i> | <i>Died.</i> | <i>Rate per 1,000 births.</i> |
|------------------------------------|------------------|----------------|-------------------------------|
| Workhouses | 18 ... | 6 ... | 333 |
| Victoria Hospital | 9 ... | 3 ... | 333 |
| Single-room Dwelling | 9 ... | 4 ... | 444 |
| Back-to-Back and Single Dwelling | 161 ... | 32 ... | 199 |
| Other Dwellings (4 rooms and over) | 1165 ... | 155 ... | 133 |
| Not visited | 148 ... | 18 ... | 122 |
| TOTALS | 1510 ... | 218 ... | 144 |

Of the 1,510 births, 1,370 were enquired into by the Health Visitors, and of this number 781 were the children of working mothers.

The following Table shows the occupation of the mothers of the 1,510 infants born during the year :—

| | <i>Births.</i> | <i>Deaths.</i> |
|------------------|----------------|----------------|
| Housewives | 589 ... | 160 |
| Workers..... | 781 ... | 37 |
| Not Stated | 140 ... | 21 |

39 per cent of the children were born of housewives and 51.7 per cent. of the mothers who went to work.

27.2 per cent. of the housewives children died and 4.7 per cent. of the workers children.

CAUSES OF DEATHS OF CHILDREN UNDER ONE YEAR.

| <i>Cause.</i> | <i>No.</i> |
|----------------------------------|------------|
| Congenital Causes of Death | 68 |
| Premature Birth | 23 |
| Congenital Defects | 27 |
| Debility | 18 |
| Respiratory Diseases | 53 |
| Bronchitis | 26 |
| Pneumonia (All Forms) | 26 |
| Laryngitis | 1 |
| Diarrhoea and Enteritis..... | 19 |
| Convulsions..... | 11 |
| Whooping Cough | 2 |
| Gastritis | 11 |
| Tubercular Diseases | 5 |
| Peritonitis | 4 |
| General | 1 |
| Accidental Deaths | 2* |
| Meningitis | 2 |
| Syphilis..... | 8 |
| Measles | 6 |
| Natural Causes (Inquest) | 4 |
| Heart Disease | 1 |
| Teething..... | 8 |
| Diseases of the Stomach | 6 |
| Influenza | 1 |
| Diseases of the Liver..... | 2 |
| Nephritis | 1 |
| Diseases of the Ear..... | 2 |
| Other Causes | 6 |
| TOTAL | 218 |

* These cases were accidentally suffocated.

Congenital Causes of Death.—Premature Birth, Debility from birth, Marasmus and Congenital Defects. There were 68 deaths from these causes : Premature Birth, 23 ; Debility, etc., 18 ; Congenital Defects, 27.

589 children of Housewives with 13 deaths following Premature Birth.
781 children of Working Mothers with 3 deaths following Premature Birth.

Respiratory Diseases.—Bronchitis, Pneumonia, and Broncho Pneumonia have caused 53 deaths of children under one year of age ; Bronchitis 26 ; Pneumonia, 7 ; Broncho Pneumonia, 19 ; Laryngitis, 1. These figures compared with last year show a decrease of 6.

Of the 53 infants who have died from Respiratory Diseases, 19 were fed on the breast, 24 on the bottle, and 6 on humanized milk. In 4 cases the type of feeding was not stated.

Occupation of Mothers :—

AT HOME.

| <i>Total Mothers.</i> | <i>Cause of Death.</i> | <i>No. of Deaths.</i> | <i>Per- centage.</i> |
|---------------------------|----------------------------|---------------------------|--------------------------|
| 589 ... | Respiratory Diseases | 43 ... | 7.3 |

AT WORK.

| <i>Total Mothers.</i> | <i>Cause of Death.</i> | <i>No. of Deaths.</i> | <i>Per- centage.</i> |
|---------------------------|-----------------------------|---------------------------|--------------------------|
| 781 ... | Respiratory Diseases | 10 ... | 1.34 |

10 deaths occurred under one, due to infectious diseases.

Whooping Cough caused 2 deaths.

Measles " 6 "

Erysipelas " 1 "

Influenza " 1 "

In 1916, 14 deaths occurred in children under one, from infectious diseases.

INFANTILE MORTALITY IN THE LANCASHIRE TOWNS
DURING 1916 AND 1917.

| <i>Name of Town.</i> | 1916. | 1917. |
|-----------------------------|------------|------------|
| Ince-in-Makerfield | 129 | 111 |
| Farnworth..... | 102 | 107 |
| BURNLEY | 151 | 143 |
| Leigh | 133 | 103 |
| Wigan | 145 | 120 |
| Ashton-under-Lyne | 112 | 101 |
| Hindley | 100 | 144 |
| Preston | 110 | 126 |
| Swinton and Pendlebury..... | 116 | 123 |
| Stalybridge | 104 | 126 |
| Blackburn | 119 | 112 |
| Widnes | 114 | 98 |
| Bootle..... | 109 | 103 |
| Lancaster | 102 | 90 |
| Salford | 112 | 123 |
| Chorley | 110 | 108 |
| Liverpool | 111 | 111 |
| St. Helens | 107 | 125 |
| Rawtenstall | 96 | 75 |
| Stockport | 119 | 94 |
| Oldham | 123 | 107 |
| Barrow-in-Furness | 83 | 97 |
| Bolton..... | 104 | 107 |
| Birkenhead | 103 | 94 |
| Rochdale | 103 | 112 |
| Colne..... | 112 | 133 |
| Bury | 132 | 86 |
| Darwen..... | 90 | 93 |
| Eccles | 89 | 73 |
| Accrington | 90 | 96 |
| Bacup | 98 | 100 |

Respiratory Diseases.—The age distribution is as follows :—

| | |
|-------------------|----|
| Under 1 | 53 |
| From 1 to 5 | 44 |
| „ 5 to 15 | 12 |
| „ 15 to 25 | 12 |
| „ 25 to 45 | 22 |
| „ 45 to 65 | 81 |
| Over 65 | 99 |

Seasonal prevalence of respiratory diseases as shewn by time of the occurrence :—

| | | | | | | | |
|----------------------|-------------------|-----|-------------------|-----|------------------|-----|-----------------|
| | Jan. to March. | ... | April to June. | ... | July to Sept. | ... | Oct. to Dec. |
| Respiratory Diseases | 146 | ... | 75 | ... | 39 | ... | 63 |

OTHER DISEASES : Malignant Diseases.—Cancer caused 86 deaths ; Sarcoma, 2 deaths. Last year the figures were 112 and 3 respectively.

AGE DISTRIBUTION :—

| | |
|-------------------|----|
| From 1 to 5 | 1 |
| „ 5 to 15 | 1 |
| „ 25 to 45 | 7 |
| „ 45 to 65 | 45 |
| Over 65 | 34 |

Infectious Diseases.—Infectious diseases caused 80 deaths ; Membranous Croup and Diphtheria 6, Scarlet Fever 2, Erysipelas 9, Whooping Cough 11, Measles 37, and Influenza 15. The same diseases last year caused 116 deaths.

AGE DISTRIBUTION :—

| | |
|-------------------|----|
| Under 1 | 10 |
| From 1 to 5 | 46 |
| „ 5 to 15 | 8 |
| „ 15 to 25 | 1 |
| „ 25 to 45 | 3 |
| „ 45 to 65 | 7 |
| Over 65 | 5 |

Old Age.—107 are certified as having died from old age, as against 109 in *1916.

| | |
|---------------------|----|
| From 60 to 65 | 3 |
| „ 65 to 70 | 14 |
| „ 70 to 75 | 27 |
| „ 75 to 80 | 35 |
| „ 80 to 90 | 26 |
| „ 90 to 95 | 2 |

The lowest age certified under senile decay was 64, and the highest 93.

TUBERCULOSIS.

TUBERCULOSIS OF THE LUNGS, Phthisis, or Consumption caused 105 deaths, previous year 95. The age and sex groups are as follows :—

| | <i>Males.</i> | <i>Females.</i> | <i>Total.</i> |
|-------------------|---------------|-----------------|---------------|
| From 1 to 5 | 2 ... | 1 ... | 3 |
| „ 5 to 15 | 2 ... | 5 ... | 7 |
| „ 15 to 25 | 8 ... | 18 ... | 26 |
| „ 25 to 45 | 18 ... | 14 ... | 32 |
| „ 45 to 65 | 22 ... | 13 ... | 35 |
| Over 65 | 2 ... | — ... | 2 |
| | — | — | — |
| TOTAL | 54 ... | 51 ... | 105 |

Of the 105 Phthisis deaths, 12 died in the Workhouse, as against 17 last year.

The average age at death was 34.2 as against 34.4 last year.

The following is a list of the occupations of the persons who have died from Phthisis during the year :—

| <i>Occupation.</i> | <i>No.</i> |
|---------------------------------|------------|
| Textile Operatives | 40 |
| Labourers..... | 11 |
| Other Occupations—Outdoor | 8 |
| „ „ Indoor..... | 15 |
| Housewives | 13 |
| No Occupation | 5 |
| Not Stated..... | 2 |
| Children..... | 8 |
| Widows | 3 |
| | — |
| TOTAL | 105 |
| | — |

Notification.—157 Notifications were received during the year: 145 on Form A, and 12 on Form B. 12 of these were notified twice, leaving 145 new cases coming under the notice of the Health Department.

The ages of the persons notified were as follows :—

| | <i>Male.</i> | <i>Female.</i> |
|---------------------|--------------|----------------|
| Under 1 | 0 | 0 |
| From 1 to 5 | 9 | 1 |
| „ 5 to 15 | 2 | 9 |
| „ 15 to 25 | 16 | 21 |
| „ 25 to 45 | 22 | 26 |
| „ 45 to 65 | 25 | 7 |
| „ 65 and Over | 2 | 1 |
| Not Stated..... | 10 | 3 |
| TOTAL | 77 | 68 |

And 50 of them died before the end of the year.

3 cases were from the Workhouse, and 15 from other Districts, 16 deaths occurred in the Workhouse, 3 of which occurred in patients from other districts.

The following are the occupations of the persons notified.

| <i>Occupation.</i> | <i>No.</i> |
|-------------------------|------------|
| Textile Operatives..... | 49 |
| Miners | 2 |
| School Children | 5 |
| Other Occupations | 55 |
| Not Stated | 34 |
| TOTAL | 145 |

SEX AND STATE OF PATIENTS.

| <i>Married.</i> | | <i>Single.</i> | | <i>Widows</i> | <i>Children.</i> | | <i>Not</i> | <i>Total.</i> |
|-----------------|-----------|----------------|-----------|---------------|------------------|-----------|----------------|---------------|
| <i>M.</i> | <i>F.</i> | <i>M.</i> | <i>F.</i> | | <i>M.</i> | <i>F.</i> | <i>Stated.</i> | |
| 45 | 24 | 20 | 19 | 5 | 6 | 9 | 17 | 145 |

NUMBER OF ROOMS IN HOUSES.

| | |
|----------------------------|------------|
| 1 Room | — |
| 2 „ | 8 |
| 3 „ | 11 |
| 4 „ | 43 |
| Over 4..... | 44 |
| Common Lodging House | 7 |
| Workhouse | 17 |
| Asylum | 5 |
| Away or Not Visited | 10 |
| TOTAL | 145 |

CONDITION OF PATIENT.

| | |
|----------------------------|------------|
| Bedfast | 12 |
| At Home, Not Bedfast | 113 |
| Working | 13 |
| Dead | 5 |
| Not ascertained | 2 |
| TOTAL | 145 |

SLEEPING ACCOMMODATION.

| | |
|---------------------------------|------------|
| Room to self | 48 |
| Bed, but not Room to self | 17 |
| Sleeps with other person | 60 |
| Bed in living-room | 5 |
| Not ascertained | 2 |
| Workhouse | 4 |
| Asylum | 2 |
| Dead when Visited | 6 |
| TOTAL | 145 |

The 60 persons who did not sleep alone are divided as follows, the first-named being the one suffering from the disease :—

| | |
|------------------------------------|-----------|
| Husband with Wife..... | 15 |
| Wife with Husband..... | 11 |
| Parent with Child..... | 7 |
| Child with Parent..... | 5 |
| Children with other Children | 17 |
| Adult with Adult. | 3 |
| Not ascertained | 2 |
| TOTAL | 60 |

DURATION OF ILLNESS :—

| | |
|------------------------------|------------|
| Under 3 months | 26 |
| 6 months | 17 |
| 9 „ | 3 |
| 12 „ | 8 |
| 2 years | 18 |
| 3 „ | 8 |
| Over 3 years | 15 |
| Not stated, Indefinite | 50 |
| TOTAL | 145 |

As regards isolation of the 145 persons suffering from Phthisis, the possibilities of isolation were as follows :—

| | |
|-----------------------|------------|
| Good | 15 |
| Fair | 20 |
| Bad | 91 |
| Not Ascertained | 19 |
| TOTAL | 145 |

OTHER FORMS OF TUBERCULOSIS.—These caused 45 deaths. They are divided in the following way :—

| | |
|-------------------------|-----------|
| General | 9 |
| Intestines | 4 |
| Meningitis | 10 |
| Peritonitis | 15 |
| Spinal | 2 |
| Appendix | 1 |
| Tabes Mesenterica | 1 |
| Other | 3 |
| TOTAL | 45 |

The age groups were as follows :—

| | |
|-------------------|---|
| Under 1 | 5 |
| From 1 to 5 | 9 |
| „ 5 to 15 | 9 |
| „ 15 to 25 | 7 |
| „ 25 to 45 | 5 |
| „ 45 to 65 | 7 |
| Over 65 | 3 |

Notifications.—82 notifications were received. These notifications referred to 74 cases, 8 being notified twice.

The ages of the persons notified were as follows :—

| | <i>Male.</i> | <i>Female.</i> |
|--------------------|--------------|----------------|
| Under 1 | 4 | 6 |
| From 1 to 5 | 5 | 6 |
| „ 5 to 15 | 13 | 7 |
| „ 15 to 25 | 8 | 9 |
| „ 25 to 45 | 2 | 3 |
| „ 45 to 65 | 4 | 5 |
| 65 and Over..... | — | — |
| Not Stated | — | 2 |
| TOTAL | 38 | 36 |

6 cases were notified from the Workhouse.

The following are the number of rooms per house in which these persons were living :—

| | |
|--------------------------|----|
| 1 Room | — |
| 2 „ | 3 |
| 3 „ | 1 |
| 4 „ | 35 |
| Over 4 Rooms | 29 |
| Workhouse | 4 |
| Hospital | — |
| Away or not visited..... | 2 |
| | — |
| TOTAL | 74 |
| | — |

The following are the occupations of the persons notified :—

| <i>Occupation.</i> | <i>No.</i> |
|--------------------------|------------|
| Textile Operatives | 14 |
| School Children | 20 |
| Others | 40 |
| | — |
| TOTAL | 74 |
| | — |

SEX AND STATE OF PATIENTS.

| <i>Married.</i> | | <i>Single.</i> | | <i>Widow.</i> | <i>Children.</i> | | <i>Not Stated.</i> | <i>Total.</i> |
|-----------------|-----------|----------------|-----------|---------------|------------------|-----------|--------------------|---------------|
| <i>M.</i> | <i>F.</i> | <i>M.</i> | <i>F.</i> | | <i>M.</i> | <i>F.</i> | | |
| 2 | 3 | 4 | 19 | 3 | 23 | 13 | 2 | 74 |

CONDITION OF PATIENT.

| | |
|----------------------------|----|
| Bedfast | 6 |
| At Home, Not Bedfast | 32 |
| Working | 31 |
| Dead | 3 |
| Not ascertained | 2 |
| | — |
| TOTAL | 74 |
| | — |

SLEEPING ACCOMMODATION.

| | |
|---------------------------------|----|
| Room to self | 15 |
| Bed, but not Room to self | 18 |
| Sleeps with other person | 30 |
| Bed in the living-room..... | 3 |
| Not ascertained | 2 |
| Workhouse | 3 |
| Dead when visited | 3 |
| | — |
| TOTAL | 74 |
| | — |

The 30 persons who did not sleep alone are divided as follows, the first-named being the one suffering from the disease :—

| | |
|-----------------------------------|-----------|
| Husband with Wife | 2 |
| Wife with Husband | 7 |
| Parent with Child..... | 11 |
| Child with Parent..... | 3 |
| Children with other Children..... | 2 |
| Adult with Adult | 2 |
| Not ascertained | 2 |
| TOTAL | 30 |

DURATION OF ILLNESS.

| | |
|--------------------------------|-----------|
| Under 3 months | 14 |
| 6 months | 14 |
| 9 „ | 6 |
| 12 „ | 3 |
| 2 years | 10 |
| 3 „ | 7 |
| Over 3 years | 10 |
| Not stated or indefinite | 10 |
| TOTAL | 74 |

DURATION OF ILLNESS OF THOSE WHO DID NOT SLEEP ALONE :

| | |
|----------------------|-----------|
| Under 3 months | 5 |
| 3—6 months | 1 |
| 6—9 „ | 15 |
| 9—12 „ | 1 |
| 1—2 years | 5 |
| 2—3 „ | 3 |
| TOTAL | 30 |

ISOLATION :—

| | |
|-----------------------|-----------|
| Good | 6 |
| Fair | 30 |
| Bad | 28 |
| Not ascertained | 10 |
| TOTAL | 74 |

TREATMENT OF TUBERCULOSIS.

During the year 23 patients were sent to Meathop and 6 were there at the beginning of the year.

16 patients were sent to Darlington during the year, and 2 were there at the beginning of the year.

List of Persons dealt with in the Sanatoria.

| | STAGE OF DISEASE. | | |
|---------------|-------------------|----------|----------|
| | Stage 1. | Stage 2. | Stage 3. |
| Males | 1 ... | 12 ... | 24 |
| Females | 3 ... | 2 ... | 6 |

RESULTS OF TREATMENT —

| | Males. | Females. |
|---------------------------------|--------|----------|
| Improved | 23 ... | 7 |
| Still in..... | 7 ... | 2 |
| Disease Arrested | 1 ... | — |
| Unable to Stand Treatment | 1 ... | — |
| Died | 4 ... | 2 |
| Left Town | 1 ... | — |

AGES OF PATIENTS :—

| | | |
|---------------------|--------|---|
| From 15 to 20 | 6 ... | 2 |
| „ 20 to 30 | 14 ... | 8 |
| „ 30 to 40 | 10 ... | — |
| „ 40 to 50 | 6 ... | 1 |
| „ 50 to 60 | 1 ... | — |

33 of these patients were insured.

Cases dealt with at Crown Point Hospital :—

| RESULT OF TREATMENT. | Males. | Females. |
|---------------------------------|--------|----------|
| Improved | 4 ... | 6 |
| Disease arrested | 6 ... | 1 |
| Disease progressing | — ... | 2 |
| Discharged for operation | — ... | 1 |
| Unable to stand treatment | 1 ... | — |
| Same condition | — ... | 3 |

AGES OF PATIENTS.

| | | | |
|--------------------|---|-----|---|
| From 5 to 15 | 2 | ... | 2 |
| „ 15 to 20 | 1 | ... | 3 |
| „ 20 to 30 | 3 | ... | 4 |
| „ 30 to 40 | 4 | ... | 1 |
| „ 40 to 50 | 1 | ... | 1 |
| „ 50 to 60 | — | ... | 2 |

22 of these were insured.

Summary of Cases dealt with at the Tuberculosis Dispensary.

PULMONARY TUBERCULOSIS.

| | <i>Males.</i> | | <i>Females.</i> | | <i>Total.</i> |
|---------------------|---------------|-----|-----------------|-----|---------------|
| Under 15 | 14 | ... | 18 | ... | 32 |
| From 15 to 20 | 9 | ... | 13 | ... | 22 |
| „ 20 to 25 | 14 | ... | 18 | ... | 32 |
| „ 25 to 30 | 8 | ... | 8 | ... | 16 |
| „ 30 to 40 | 19 | ... | 14 | ... | 33 |
| Over 40 | 18 | ... | 12 | ... | 30 |
| Not stated..... | — | ... | 2 | ... | 2 |
| | — | | — | | — |
| TOTAL | 78 | ... | 85 | ... | 163 |
| | — | | — | | — |

STAGE OF DISEASE.

| | |
|-------------------|-----|
| Stage 1 | 17 |
| „ 2 | 58 |
| „ 3 | 67 |
| Observation | 21 |
| | — |
| TOTAL | 163 |
| | — |

These cases were dealt with as follows :—

| | |
|---|-----|
| Sent to Sanatorium | 17 |
| Continued Treatment at Dispensary | 5 |
| Domiciliary | 141 |

OTHER FORMS OF TUBERCULOSIS.

Nature of Disease :—

| | |
|--------------|----|
| Spine..... | 2 |
| Glands | 44 |
| Knee | 4 |

| | |
|--------------------|-----------|
| Elbow | 2 |
| Arm..... | 2 |
| Finger | 1 |
| Foot | 3 |
| Hip..... | 4 |
| Hip and Knee | 4 |
| Larynx | 4 |
| Nasal | 1 |
| Peritonitis | 4 |
| Intestines | 2 |
| TOTAL | 77 |

Ages :—

| | <i>Males.</i> | | <i>Females.</i> | | <i>Totals.</i> |
|---------------------|---------------|-----|-----------------|-----|----------------|
| Under 15 | 12 | ... | 22 | ... | 34 |
| From 15 to 20 | 3 | ... | 6 | ... | 9 |
| „ 20 to 25 | 6 | ... | 9 | ... | 15 |
| „ 25 to 30 | 4 | ... | 9 | ... | 13 |
| „ 30 to 40 | — | ... | 4 | ... | 4 |
| Over 40 | — | ... | 2 | ... | 2 |
| TOTAL | 25 | ... | 52 | ... | 77 |

These were dealt with as follows :—

| | |
|---|----|
| Sent to Sanatorium | 4 |
| Sent to Hospital | 3 |
| Continued Treatment at Dispensary | 36 |
| Domiciliary | 34 |

The following stores have been distributed amongst the 128 patients attending the Dispensary :—

Tins of Izal, 224.

Paper Handkerchiefs, 3,554.

Cuspidors, 317.

Cod Liver Oil and Malt, 313 lb. tins.

Total number of visits paid to cases of Tuberculosis by the Nurse, 1,438

The number of Attendances of patients at the Dispensary was 3,293.

SHOWING STATISTICS OF THE INCIDENCE OF NOTIFIABLE INFECTIOUS
DISEASES IN LANCASHIRE.

| | <i>Estimated Population in the mid- dle of 1917</i> | <i>Rates per thousand of Population.</i> | | | | | | | |
|------------------------------------|---|--|-------------------------|--------------------------|-------------------|-----|-------------|-----|------------|
| | | <i>Scarlet Fever</i> | <i>Diph- theria</i> | <i>Enteric Fever</i> | <i>Erysipelas</i> | | | | |
| LANCASHIRE..... | 1,568,611 | ... | .03 | ... | .13 | ... | .04 | ... | .01 |
| County Boroughs :— | | | | | | | | | |
| Barrow-in-Furness | 83,179 | ... | 0.4 | ... | 0.4 | ... | — | ... | 0.4 |
| Blackburn | 121,066 | ... | 0.7 | ... | 0.4 | ... | 0.1 | ... | 0.3 |
| Bolton | 169,081 | ... | 2.2 | ... | 0.5 | ... | 0.1 | ... | 0.3 |
| Bootle | 71,135 | ... | 2.6 | ... | 1.2 | ... | 0.03 | ... | 0.2 |
| BURNLEY | 93,779 | ... | 0.5 | ... | 0.6 | ... | 0.05 | ... | 0.5 |
| Bury | 53,463 | ... | 1.6 | ... | 3.1 | ... | 0.1 | ... | 0.3 |
| Liverpool..... | 732,780 | ... | 3.1 | ... | 1.5 | ... | 0.06 | ... | 0.5 |
| Manchester | 682,608 | ... | 1.3 | ... | 0.8 | ... | 0.1 | ... | 0.3 |
| Oldham..... | 136,126 | ... | 0.9 | ... | 0.3 | ... | 0.04 | ... | 0.5 |
| Preston | 109,000 | ... | 1.0 | ... | 1.2 | ... | 0.1 | ... | 0.4 |
| Rochdale | 90,000 | ... | 0.8 | ... | 1.9 | ... | 0.04 | ... | 0.3 |
| St. Helens | 89,919 | ... | 6.5 | ... | 6.0 | ... | 0.08 | ... | 1.1 |
| Salford | 214,229 | ... | 0.9 | ... | 0.6 | ... | 0.2 | ... | 0.4 |
| Southport..... | 64,473 | ... | 1.9 | ... | 0.6 | ... | 0.04 | ... | 0.4 |
| Stockport | 115,599 | ... | 0.7 | ... | 0.3 | ... | 0.2 | ... | 0.4 |
| Warrington | 69,874 | ... | 0.8 | ... | 1.2 | ... | 0.1 | ... | 0.7 |
| Wigan | 83,203 | ... | 2.8 | ... | 0.4 | ... | 0.3 | ... | 0.6 |
| Boroughs and Urban Districts :— | | | | | | | | | |
| Accrington | 41,415 | ... | 0.7 | ... | 0.6 | ... | 0.2 | ... | 0.4 |
| Ashton-under-Lyne | 39,943 | ... | 0.7 | ... | 0.3 | ... | 0.2 | ... | 0.4 |
| Bacup | 20,500 | ... | 1.0 | ... | 0.04 | ... | 0.3 | ... | 1.1 |
| Chorley..... | 28,192 | ... | 2.7 | ... | 0.2 | ... | — | ... | 0.1 |
| Colne | 24,690 | ... | 0.6 | ... | 3.1 | ... | 0.3 | ... | 0.4 |
| Darwen | 37,114 | ... | 1.4 | ... | 0.1 | ... | 0.1 | ... | 0.2 |
| Eccles | 41,077 | ... | 2.0 | ... | 0.6 | ... | 0.1 | ... | 0.2 |
| Farnworth | 25,563 | ... | 1.2 | ... | 0.7 | ... | 0.3 | ... | 0.6 |
| Heywood | 24,997 | ... | 1.2 | ... | 0.3 | ... | 0.04 | ... | 0.8 |
| Lancaster | 33,964 | ... | 1.5 | ... | 0.5 | ... | 0.2 | ... | 0.6 |
| Leigh..... | 42,686 | ... | 1.4 | ... | 0.7 | ... | 0.02 | ... | 0.7 |
| Middleton | 27,075 | ... | 0.3 | ... | 1.7 | ... | 0.2 | ... | 0.3 |
| Nelson | 39,450 | ... | 1.6 | ... | 0.7 | ... | 0.1 | ... | 0.1 |
| Radcliffe | 23,880 | ... | 1.2 | ... | 0.5 | ... | — | ... | 0.7 |
| Rawtenstall | 28,328 | ... | 0.6 | ... | 0.2 | ... | 0.2 | ... | 0.2 |
| Widnes | 30,318 | ... | 7.9 | ... | 2.3 | ... | 0.1 | ... | 0.2 |

NOTIFIABLE INFECTIOUS DISEASES.

Scarlet Fever.—The following table shows the ages of the persons notified and the ages at death :—

| | <i>Cases.</i> | <i>Deaths.</i> |
|-------------------|---------------|----------------|
| Under 1 | 2 | — |
| From 1 to 5 | 12 | 1 |
| „ 5 to 15 | 26 | 1 |
| „ 15 to 25 | 3 | — |
| „ 25 to 45 | 2 | — |
| „ 45 to 65 | 1 | — |
| TOTAL | 46 | 2 |

The following table shows, as near as could be ascertained, the source of illness :—

| | |
|---------------------------|----|
| No. visited | 46 |
| From same house | 3 |
| No definite history | 43 |

The following statement shews the comparative length of time that elapsed between the onset of the disease and notification to this office :—

| | |
|---|----|
| Reported within 6 days of onset | 39 |
| Over 6 and within 14 days | 2 |
| Over 14 and within 21 days | 2 |
| Over 21 and within 28 days | 2 |
| Cases notified in Public Institutions | 1 |
| TOTAL | 46 |

In 5 cases the patients were peeling at the time of notification.

The 46 cases occurred in 43 houses. Of these 46 cases, 28 were removed to the Sanatorium.

Diphtheria and Membranous Croup.—The following table shows the ages of the persons notified and the ages at death :—

| | <i>Cases.</i> | <i>Deaths.</i> |
|-------------------|---------------|----------------|
| Under 1 | 1 | — |
| From 1 to 5 | 22 | 4 |

| | | | |
|--------------------|----|-----|---|
| From 5 to 15 | 23 | ... | 2 |
| „ 15 to 25 | 5 | ... | — |
| „ 25 to 45 | 7 | ... | — |
| „ 45 to 65 | 1 | ... | — |
| Not Stated | 1 | ... | — |
| | — | | — |
| TOTAL | 60 | ... | 6 |
| | — | | — |

The source of infection of Diphtheria, like Scarlet Fever, is often difficult to find, as will be seen from the following table :—

| | |
|---------------------------|----|
| No. visited..... | 60 |
| From same house | 3 |
| No definite history | 57 |

Supply of Diphtheria Anti-Toxin.—25 vials have been supplied to medical men free.

Typhoid or Enteric Fever.—The following table shows the ages of the persons notified and the ages at death :—

| | <i>Cases.</i> | <i>Deaths.</i> |
|--------------------|---------------|----------------|
| From 5 to 15 | 1 | ... |
| „ 15 to 25 | 2 | ... |
| „ 25 to 45 | 2 | ... |
| | — | — |
| TOTAL | 5 | ... |
| | — | — |

The 5 cases of Typhoid reported have occurred in 5 houses, and 3 were admitted to the Sanatorium.

Puerperal Fever.—There was one notification of this disease. Last year the figures were 2 cases, 1 death.

Erysipelas.—52 cases were notified, as against 86 last year, with 3 deaths, as against 2 last year. Of the 52 cases, 5 were admitted to the Sanatorium.

Of the 52 cases, 2 were notified from the Workhouse Infirmary.

| | <i>Cases.</i> | | <i>Deaths.</i> |
|-------------------|---------------|-----|----------------|
| Under 1 | 1 | ... | — |
| From 1 to 5 | 2 | ... | — |
| „ 5 to 15 | 5 | ... | — |
| „ 15 to 25 | 8 | ... | 1 |
| „ 25 to 45 | 13 | ... | — |
| „ 45 to 65 | 17 | ... | 1 |
| Over 65 | 5 | ... | 1 |
| Not stated..... | 1 | ... | — |
| | — | | — |
| TOTAL | 52 | ... | 3 |
| | — | | — |

Measles.—Total notified : 1,519, with 37 deaths.

The 1,519 notified occurred in 1,258 houses, and 10 were admitted to the Sanatorium. The following table gives the morbidity rate, number of deaths, and the mortality rate :—

| | |
|--|------|
| Cases per 1,000 population | 16.7 |
| No. of Deaths | 37 |
| Mortality rate per 1,000 of population | 0.42 |
| Mortality rate per 1,000 of cases | 24 |

The following table shows the ages of the persons notified and ages at death :—

| | <i>Cases.</i> | | <i>Deaths.</i> |
|-------------------|---------------|-----|----------------|
| Under 1 | 53 | ... | 6 |
| From 1 to 5 | 714 | ... | 27 |
| „ 5 to 15 | 607 | ... | 4 |
| „ 15 to 25 | 16 | ... | — |
| „ 25 to 45 | 9 | ... | — |
| „ 45 to 65 | 1 | ... | — |
| Not stated..... | 119 | ... | — |
| | — | | — |
| TOTAL | 1519 | ... | 37 |
| | — | | — |

LIST OF NOTIFIABLE INFECTIOUS DISEASES.

SHOWING THE NUMBER NOTIFIED AND THE NUMBER OF DEATHS IN EACH WARD.

| Wards and Institutions. | Notifications and Deaths. | Small-Pox. | Scarlet Fever. | Diphtheria and Membranous Croup. | Typ-hoid Fever. | Puer-peral Fever. | Ery-sipe-las. | Meas-les. |
|-----------------------------------|---------------------------|------------|----------------|----------------------------------|-----------------|-------------------|---------------|-----------|
| St. Andrew's | Notified | 0 ... | 3 ... | 2 ... | 0 ... | 0 ... | 12 ... | 364 |
| | Deaths ... | 0 ... | 0 ... | 1 ... | 0 ... | 0 ... | 2 ... | 6 |
| Daneshouse | Notified | 0 ... | 3 ... | 1 ... | 0 ... | 0 ... | 3 ... | 163 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 1 ... | 3 |
| Stoneyholme | Notified... | 0 ... | 0 ... | 2 ... | 0 ... | 1 ... | 2 ... | 80 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 1 |
| St. Peter's | Notified... | 0 ... | 2 ... | 3 ... | 0 ... | 0 ... | 2 ... | 52 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 1 |
| St. Paul's | Notified... | 0 ... | 2 ... | 2 ... | 0 ... | 0 ... | 2 ... | 71 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 4 |
| Fulledge | Notified... | 0 ... | 5 ... | 9 ... | 2 ... | 0 ... | 3 ... | 127 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 5 |
| Burnley Wood..... | Notified... | 0 ... | 10 ... | 12 ... | 0 ... | 0 ... | 10 ... | 118 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 2 ... | 2 |
| Healey | Notified | 0 ... | 3 ... | 7 ... | 0 ... | 0 ... | 5 ... | 112 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 2 ... | 3 |
| Trinity | Notified | 0 ... | 6 ... | 2 ... | 0 ... | 0 ... | 1 ... | 102 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 3 |
| Whittlefield | Notified... | 0 ... | 3 ... | 5 ... | 1 ... | 0 ... | 1 ... | 82 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 3 |
| Gannow | Notified... | 0 ... | 5 ... | 9 ... | 1 ... | 0 ... | 3 ... | 103 |
| | Deaths ... | 0 ... | 0 ... | 1 ... | 0 ... | 0 ... | 0 ... | 3 |
| Lowerhouse | Notified... | 0 ... | 4 ... | 6 ... | 0 ... | 0 ... | 7 ... | 142 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 2 ... | 1 |
| Workhouse | Notified... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 3 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 |
| Hospital | Notified... | 0 ... | 0 ... | 0 ... | 1 ... | 0 ... | 1 ... | 0 |
| | Deaths ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 |
| Sanatorium | Admitted | 0 ... | 28 ... | 32 ... | 3 ... | 0 ... | 5 ... | 10 |
| | Deaths ... | 0 ... | 2 ... | 4 ... | 0 ... | 0 ... | 0 ... | 2 |
| Total Notified | | 0 ... | 46 ... | 60 ... | 5 ... | 1 ... | 52 ... | 1519 |
| Total Deaths | | 0 ... | 2 ... | 6 ... | 0 ... | 0 ... | 9 ... | 37 |
| Percentage of deaths to cases.... | | 0 ... | 4.34 | 10.00 | — | — | 17.3 | 2.43 |

Whooping Cough.—There were 11 deaths this year, and 28 last year. The ages of these were as follows :—

| | |
|-------------------|---|
| Under 1 | 2 |
| From 1 to 2 | 5 |
| „ 2 to 5 | 4 |

Influenza.—15 deaths. The ages at death were as follows :—

| | |
|-------------------|---|
| Under 1 | 1 |
| From 1 to 5 | 1 |
| „ 15 to 25 | 1 |
| „ 25 to 45 | 2 |
| „ 45 to 65 | 6 |
| Over 65 | 4 |

Chicken Pox.—339 cases notified from the Schools.

The Non-notifiable Infectious Diseases are notified to this Office only from Schools. The majority of these are visited by the Inspector who gives such advice as may be necessary regarding the prevention of the further spread of the disease.

Notification from Schools :—

| | |
|----------------------|-----|
| Whooping Cough | 274 |
| Chickenpox | 339 |
| Mumps | 97 |
| Other Diseases | 178 |
| TOTAL | 888 |

DISINFECTION.—The particulars of the work in this department are as follows :—

| | |
|---|------|
| Visits to Infected Houses | 1858 |
| Houses Disinfected (Rooms—339)..... | 168 |
| Number of times Disinfecting Machine used | 289 |
| Institutions Disinfected | 19 |
| Beds Do. | 38 |
| Mattresses Do. | 5 |
| Pillows Do. | 140 |
| Blankets Do. | 29 |

| | | |
|----------------------------|-------------|------|
| Sheets | Disinfected | 8 |
| Coverlets | Do. | 21 |
| Other articles of Clothing | Disinfected | 52 |
| Measles Cases Visited | | 1519 |

Cleansing of Persons Act, 1897.—Under this Act, which the Burnley Local Sanitary Authority has adopted, means of cleansing persons infected with vermin are provided, and 106 soldiers had their military clothing disinfected.

Bedding, etc., disinfected from Crown Point :—Pillow Cases, 14 Sheets, 534 ; Towels, 10.

PUBLIC HEALTH LABORATORY.

Tabular statement of the work carried out :—

| <i>Nature of Specimen.</i> | <i>Disease suspected.</i> | <i>Result.</i> | | | <i>Total.</i> |
|----------------------------|---------------------------|------------------|------------------|-----|---------------|
| | | <i>Positive.</i> | <i>Negative.</i> | | |
| Sputa | Phthisis | 194 | 61 | ... | 255 |
| Re-examinations | | 6 | 4 | ... | 10 |
| Swabs | Diphtheria..... | 14 | 9 | ... | 23 |
| Blood | Typhoid | 4 | 12 | ... | 16 |
| Hair | Ringworm | 27 | 13 | ... | 40 |
| | TOTAL | 245 | 99 | ... | 344 |
| Other Specimens | | 10 | 20 | ... | 30 |
| | TOTAL | | | | 374 |

HEALTH VISITING.

Five Female Health Visitors are employed.

SUMMARY OF YEAR'S WORK.

| | |
|--|------|
| Number of newly born children visited..... | 1370 |
| „ visits to newly born children | 3104 |
| „ children visited at the end of six months | 2536 |
| „ visits to houses where children have died | 182 |
| „ visits to School Children | 1829 |
| „ visits to Still-births | 28 |
| „ visits paid within 3 days of birth..... | 467 |
| „ visits paid within 3 to 10 days of birth..... | 324 |
| „ visits paid from 10 days to 1 month | 579 |
| „ visits to Ophthalmia Neonatorum (13 cases) | 30 |
| „ visits to Puerperal Fever (1 case) | 1 |
| „ visits paid Midwives | 94 |
| Attendances at Infant Consultation Centres | 374 |

Midwives' Act, 1912.—26 midwives notified their intention to practice :—

| | |
|-----------------------------|----|
| Certificated | 8 |
| Bona-fide | 18 |
| Added during the year | 1 |

The average number of cases attended by each midwife in practice works out at 54.1.

Supervision by the Inspector :—

| | |
|--|-----|
| Visits to Midwives' homes..... | 100 |
| Visits to Midwives' Cases | 30 |
| Visits to Puerperal Fever Cases | 1 |
| Visits <i>re</i> Uncertified Women | 6 |

The following warnings were also given :—

| | |
|---|---|
| For not sending for Medical aid in case of Ophthalmia ... | 2 |
| For not notifying intention to practice | 2 |

Notifications received from midwives during the year :—

| | |
|-------------------------------|-------|
| Intention to practice | 26 |
| Sending for Medical aid | 72 |
| Still Births | 26 |
| | <hr/> |
| | 124 |
| | <hr/> |

The following cases are given as a reason for sending for medical aid :—

| | |
|------------------------------|-------|
| Protracted Labour | 8 |
| Illness of Baby | 15 |
| Abnormal Presentation | 7 |
| Abdominal Pains..... | 1 |
| Tongue Tie..... | 2 |
| Adherent Placenta | 8 |
| Laceration of Perineum | 12 |
| Premature Birth | 4 |
| Rise of Temperature | 4 |
| Post Partum Hæmorrhage | 1 |
| Baby's Eyes | 3 |
| Malformation of Child | 3 |
| Not stated | 1 |
| Convulsions (Child) | 4 |
| | <hr/> |
| TOTAL | 72 |

There was one notification of Puerperal Fever.

Notification of Births' Act, 1907.

During the year 1917 there were 1538 births notified in accordance with it. During the corresponding period 1517 births were registered by the Registrar of Births and Deaths.

The births were notified by the following persons :—

| | |
|---------------------|-------------|
| Midwife | 1019 |
| Father..... | 79 |
| Doctor..... | 400 |
| Other Persons | 40 |
| TOTAL..... | 1538 |

Of this number there were ;—

| | |
|---------------------------|-----------|
| Full-time Stillborn | 45 |
| Premature Stillborn..... | 46 |
| TOTAL..... | 91 |

**Administration in connection with the Public Health (Milk and Cream)
Regulations, 1912.**

1. MILK AND CREAM NOT SOLD AS PRESERVED CREAM.

| | <i>Milk.</i> | <i>Cream.</i> |
|--|--------------|---------------|
| Number of Samples examined for the presence of a preservative | 99 | 2 |
| Number in which a Preservative was reported to be present..... | Nil. | Nil. |

(a) Instances in which samples have been submitted for analysis to ascertain if the statement on the label was correct :—

| | |
|-----------------------------------|-----------|
| (1) Correct Statements made | 12 |
| (2) Statements Incorrect..... | 2 |
| TOTAL | 14 |

(b) Determinations made of milk fat in cream sold as Preserved Cream :—

| | |
|-----------------------------|-----------|
| (1) Above 35 per cent. | 14 |
| (2) Below 35 per cent | — |
| TOTAL | 14 |

Apart from the samples mentioned above, there were no instances where the requirements as to labelling or declaration of Preserved Cream in Article v. (1) and the proviso in Article v. (2) of the Regulations had not been observed.

(3) There was no evidence of thickening substances being added to Cream or Preserved Cream.

NUISANCE INSPECTION.

Administration.—For administration purposes the town is at present divided into three districts, each having its inspector who is responsible for his district to the Chief Sanitary Inspector.

The following is a summary of the work done by the Sanitary Inspectors :—

| | <i>No.</i> |
|---|------------|
| Visits to Factories | 176 |
| „ Workshops and Workplaces | 330 |
| „ Bakeries..... | 539 |
| „ Outworkers' Premises | 2 |
| „ Chip, Fish and Tripe Shops..... | 36 |
| „ Ice-cream Shops | 32 |
| „ Milk and Grocers' Shops | 184 |
| „ Fruiterers' and Fishmongers' Premises | 21 |
| „ Butchers, Bloodboilers and Food Preparers ... | 25 |
| „ Milliners and Dressmakers | 34 |
| „ Other Dress Trades | 14 |
| „ Hairdressers and Barbers | 7 |
| „ Marine Stores and Offensive Trades | 106 |
| „ Stables and Manure Pits..... | 6588 |
| „ Premises where Animals are kept | 50 |
| „ Lodging-Houses, Registered | 297 |
| „ Lodging-Houses, Unregistered | 22 |
| „ Vans, Tents, &c. | 31 |
| „ Canal Boats | 147 |
| „ Single Dwellings | 252 |
| „ Back-to-Back Dwellings | 1635 |
| „ Furnished Rooms..... | 553 |
| „ Other Dwellings | 7958 |
| „ Reported Overcrowded | 6 |
| „ Reported Dirty | 30 |
| „ Old Property <i>re</i> Alterations | 30 |
| „ Premises where Nuisances exist | 8039 |

| | |
|---|------|
| Drains Tested | 191 |
| Legal Notices Served | 463 |
| No. of Preliminary Notices sent out to abate Nuisances | 2779 |
| No. of Defects reported to Borough Surveyor..... | 161 |
| No. of Defects reported to other Departments | 1175 |
| Smoke Observations taken..... | 884 |
| Visits to Boiler Houses | 11 |
| Interviews with Owners, Agents, &c., <i>re</i> Property | 1238 |
| Visits to School Premises | 577 |

Manure Pits.—6,554 visits were paid to manure pits by the Inspectors, 27 preliminary notices were sent, and 59 verbal notices were given, referring to 148 defects, principally accumulations of manure, dirty yards and drains. In most cases the nuisance was at once amended, but in 2 cases legal notices were served. Legal proceedings were taken in one case for non-removal of manure.

Black Smoke.—The following is a summary of the results of the observations taken :—

| | |
|--|-----|
| No. of Chimneys observed | 150 |
| No. of Observations taken (half-hourly) | 884 |
| Average No. of Observations taken per chimney..... | 59 |

Result of Observation :—

| | <i>Dense.</i> | | <i>Medium.</i> | | <i>Light or None.</i> |
|----------------------------|---------------|-----|----------------|-----|---------------------------|
| Total amount of Smoke in | | | | | |
| Minutes | 162 | ... | 1059.5 | ... | 25.985 |
| Average amount of Smoke in | | | | | |
| Minutes | 0.18 | ... | 1.20 | ... | 28.62 |

The following is a statement of the action taken under Sections 91—94 of the Public Health Act, 1875 (Paragraph 9), relating to the emission of black smoke :—

| | |
|----------------------------|----|
| Letter Notices sent | 19 |
| Legal Notices served | 5 |

INSPECTION OF FACTORIES AND WORKSHOPS.

Under the Factories and Workshops Acts, 1891, 1895, 1901, and 1907, it is the duty of the Local Sanitary Authority to enforce the sanitary provisions relating to these places.

Number of factories and workshops on register at end of year :—

| | |
|---------------------------------|-------|
| Factories | 335 |
| Bakehouses | 234 |
| Milliners and Dressmakers | 277 |
| Woodworkers..... | 33 |
| Tailors | 42 |
| Shoemakers and Cloggers | 99 |
| Metal Workers | 44 |
| Sundries | 66 |
| | <hr/> |
| TOTAL | 1130 |
| | <hr/> |

Factory Inspection—

| | |
|-----------------------------|-----|
| Number of Inspections | 176 |
| Defects found | 46 |
| Legal Notices served | 3 |
| Letter Notices sent | 11 |
| Verbal Notices | 29 |

List of Defects—

| | |
|----------------------------|-------|
| Water Closets defects..... | 9 |
| Defective Drains | 15 |
| Insufficient Closets | 1 |
| Troughs and Spouts | 9 |
| Others | 12 |
| | <hr/> |
| TOTAL | 46 |
| | <hr/> |

Inspection of Bakeries—

| | |
|-----------------------------|-----|
| Number on Register | 246 |
| Number of Visits paid | 539 |
| Verbal Notices | 82 |
| Letter Notices | 23 |
| Legal Notices..... | 3 |

Details of Defects found—

| | |
|---|------------|
| Required Limewashing | 79 |
| Defective Water Closets | 11 |
| „ Drains | 7 |
| „ Ashpits and Bins..... | 2 |
| „ Spouts and Eaves | 5 |
| Dirty premises | 1 |
| Illegal Occupation of Underground Bakehouse | 1 |
| Other Defects | 6 |
| TOTAL | 112 |

Other Workshops—

| | |
|----------------------------|-----|
| Inspections | 330 |
| Legal Notices served | 1 |
| Letter Notices sent..... | 47 |
| Verbal Notices given | 27 |

Defects Found—

| | |
|----------------------------------|-----------|
| Defective Water Closets | 22 |
| Dirty Workshops | 6 |
| Defective Drains | 23 |
| Limewashing required..... | 4 |
| Defective Spouts and Eaves | 10 |
| Defective Bins..... | 7 |
| Other Defects | 5 |
| TOTAL | 77 |

HOUSING OF WORKING CLASSES :—**PARTICULARS OF INSPECTION.****Kind of Houses Inspected—**

| | |
|-----------------------------|------------|
| Through | 980 |
| Back-to-Back | 13 |
| Single | — |
| Single-Room Dwellings | 1 |
| Basements..... | — |
| TOTAL | 994 |

SURROUNDING VENTILATION :—

929 open on to front streets.

65 opened on to cul-de-sac.

Through House—

NUMBER OF HOUSES—

NUMBER OF ROOMS :—

| | |
|---------------------------------|-------|
| 2 Rooms | 12 |
| 3 „ | 6 |
| 3 „ and Scullery Kitchens | 101 |
| 4 „ | 763 |
| 4 „ and Attic | 17 |
| 5 „ | 77 |
| 5 „ | 1 |
| 6 „ | 3 |
| | <hr/> |
| | 980 |
| | <hr/> |

SIZE OF ROOMS :—

LIVING ROOMS (with Kitchen Ranges)—1567.

HEIGHT : 196 between 8 and 9 feet.

1371 „ 9 and 10 feet.

FLOOR SPACE : 538 under 125 square feet.

351 between 125 and 150 square feet.

488 „ 150 and 175 square feet.

171 „ 175 and 200 square feet.

16 „ 200 and 225 square feet.

3 „ 225 and 250 square feet.

CUBIC SPACE : 328 between 500 and 1000 cubic feet.

869 „ 1000 and 1500 cubic feet.

366 „ 1500 and 2000 cubic feet.

4 above 2000 cubic feet.

LIVING ROOMS (without Kitchen Ranges), number—101.

HEIGHT : 1 between 7 and 8 feet.

39 „ 8 and 9 feet.

61 „ 9 and 10 feet.

FLOOR SPACE : 94 under 125 square feet.

7 between 150 and 175 square feet.

CUBIC SPACE : 23 under 500 cubic feet.
 73 between 500 and 1000 cubic feet.
 4 „ 1000 and 1500 cubic feet.
 1 „ 1500 and 2000 cubic feet.

PARLOURS :—Number 278.

HEIGHT : 9 between 8 and 9 feet.
 268 „ 9 and 10 feet.
 1 above 10 feet.

FLOOR SPACE : 164 under 125 square feet.
 66 between 125 and 150 square feet.
 39 „ 150 and 175 square feet.
 9 „ 175 and 200 square feet.

CUBIC SPACE : 88 between 500 and 1000 cubic feet.
 170 „ 1000 and 1500 cubic feet.
 20 „ 1500 and 2000 cubic feet.

BEDROOMS :—Number 2,028.

HEIGHT : 12 between 7 and 8 feet.
 358 „ 8 and 9 feet.
 1630 „ 9 and 10 feet.
 28 above 10 feet.

FLOOR SPACE : 683 under 125 square feet.
 462 between 125 and 150 square feet.
 539 „ 150 and 175 square feet.
 288 „ 175 and 200 square feet.
 52 „ 200 and 225 square feet.
 4 above 250 square feet.

CUBIC SPACE : 13 under 500 cubic feet.
 412 between 500 and 1000 cubic feet.
 1074 „ 1000 and 1500 cubic feet.
 524 „ 1500 and 2000 cubic feet.
 5 above 2000 cubic feet.

AVERAGE RENT : 3/9 per week with both rates.
 4/2 per week with poor rate.
 4/6 per week clear.

Back-to-Back Houses.—13.

| | |
|-------------------------|-------|
| 2 Rooms..... | 7 |
| 2 Rooms and Attic | 3 |
| 3 Rooms..... | 2 |
| 4 Rooms..... | 1 |
| | <hr/> |
| | 13 |
| | <hr/> |

LIVING ROOMS :—13.**SIZE OF ROOMS :—**

| | |
|----------|-------------------------|
| HEIGHT : | 2 between 7 and 8 feet. |
| 10 „ | 8 and 9 feet. |
| 1 „ | 9 and 10 feet. |

| | |
|---------------|------------------------------------|
| FLOOR SPACE : | 1 under 125 square feet. |
| | 2 between 125 and 150 square feet. |
| 3 „ | 150 and 175 square feet. |
| 6 „ | 175 and 200 square feet. |
| 1 „ | 200 and 225 square feet. |

| | |
|---------------|------------------------------------|
| CUBIC SPACE : | 1 between 500 and 1000 cubic feet. |
| 6 „ | 1000 and 1500 cubic feet. |
| 6 „ | 1500 and 2000 cubic feet. |

BEDROOMS :—17.

| | |
|----------|--------------------------|
| HEIGHT : | 11 between 7 and 8 feet. |
| 6 „ | 8 and 9 feet. |

| | |
|---------------|------------------------------------|
| FLOOR SPACE : | 2 under 125 square feet. |
| | 2 between 125 and 150 square feet. |
| 1 „ | 150 and 175 square feet. |
| 6 „ | 175 and 200 square feet. |
| 6 | above 200 square feet. |

| | |
|---------------|------------------------------------|
| CUBIC SPACE : | 2 between 500 and 1000 cubic feet. |
| 6 „ | 1000 and 1500 cubic feet. |
| 9 „ | 1500 and 2000 cubic feet. |

AVERAGE RENT : 3/6 a week with Poor Rate.

Single Room Dwelling.—1

| | |
|---------------|------------------|
| HEIGHT : | 7 feet 9 inches. |
| FLOOR SPACE : | 209 square feet. |

CUBIC SPACE : 1622 cubic feet.

RENT : 2/- a week, clear.

21 living rooms were used by tenants as sleeping rooms in addition to the bedrooms

6 living rooms were used by tenants as sleeping rooms instead of bedrooms.

6 parlours were used by tenants as sleeping rooms in addition to bedrooms.

3 parlours were used by tenants as sleeping rooms instead of bedrooms.

STORAGE OF FOOD :—

921 had cupboards.

33 „ and pantries.

3 „ and shelves in back kitchens.

1 „ and shelves in Sculleries.

1 „ and Cellars.

28 „ and shelves at top of cellar steps.

6 „ and larders.

1 had no accommodation.

STORAGE OF COAL :—

366 had pantries under stairs.

156 had cellars.

454 stored coal in yard.

1 „ scullery.

10 „ at top of cellar steps.

2 „ bottom of cupboards.

5 „ back kitchens.

WATER SUPPLY :—

All houses were supplied with Town Water.

187 had taps in living room.

101 „ scullery kitchens.

121 „ sculleries.

578 „ back kitchens

3 „ under stairs.

2 „ in end kitchens

2 „ at top of cellar steps.

DRAINS :—

All houses were provided with drains.

28 had drains underneath.

407 ventilated by downspouts (4 being downspouts on sculleries).

- 268 Slop traps.
- 42 gullies in cellars.
- 514 gullies in yards.
- 719 dishbrick inlets to waste water closets.

DOWNSPOUTS :—

- 125 near doors.
- 245 near windows.
- 105 corner of buildings.
- 403 connected to drains.
- 16 discharge on slop traps.
- 17 „ dishbricks.
- 16 „ Yard flags.
- 7 „ in metal channel on footpath.
- 11 „ on footpath.
- 5 „ in River.
- 40 on sculleries.
- 4 connected to drains.
- 14 discharge on yard surface.
- 5 „ slop traps.
- 17 „ dishbricks.

SLOPSTONES :—

- 187 in living rooms.
- 101 in scullery kitchens.
- 121 in sculleries.
- 575 in back kitchens.
- 3 under stairs.
- 2 in end kitchens.
- 2 at top of cellar steps.

SLOPPIPES :—

- 959 inside.
- 35 outside.

YARDS :—

- 971 houses had back yards for own use.
- 256 under 100 square feet.
- 391 between 100 and 125 square feet.
- 317 between 125 and 200 square feet.
- 7 above 200 square feet.

SANITARY CONVENIENCES :—

968 had separate closets.

26 joined at 13.

CLEAN WATER CLOSETS :—85.

WASTE WATER CLOSETS :—891.

ASHPITS :—

Large covered—2 ; used by 12 tenants.

Small covered—822.

781 used by 781 tenants—1 to each.

40 used by 80 tenants—2 to one.

1 used by 3 tenants—3 to one.

822

864

Small uncovered—2 used by 2 tenants.

ASH BINS—116.

DEFECTS :—

DAMPNESS :—

LIVING ROOMS—77.

Caused by want of Pointing 59

Caused by defective spouting 3

Caused by defective window frames 15

BEDROOMS—290.

Caused by want of Pointing 99

,, defective roofs 164

,, „ spouting 32

,, „ window frames 30

WANT OF CLEANLINESS :—

40 living rooms and 81 bedrooms were dirty.

VENTILATION :—

6 living rooms, 51 bedrooms and 4 attics poorly ventilated.

LIGHT :—

2 living rooms, 2 bedrooms and 1 attic poorly lighted.

WINDOWS :—

- 4 living room windows not openable.
- 17 had sashes fast.
- 59 had defective frames and 10 defective sashes.
- 251 sashes had broken cords.
- 53 bottom sashes never had cords.
- 12 scullery windows not openable.
- 4 had sashes fast.
- 3 had defective frames and 1 had defective sash.
- 5 bottom sashes never had cords.
- 3 bedroom windows not openable.
- 86 had sashes fast.
- 59 had defective frames and 4 defective sashes.
- 265 sashes had broken cords.
- 22 bottom sashes never had cords.

STATE OF REPAIR :—

LIVING ROOMS :—

- 34 with plaster off walls.
- 10 with plaster off ceiling.
- 6 with defective skirting boards.
- 1 „ door frames.
- 2 „ flooring boards.
- 78 „ flags.
- 30 „ firebacks.
- 3 „ hearthstone.
- 26 with plates at front of chimney flues loose and requiring mastic.
- 7 with defective chimney flues.
- 4 „ firegrates.
- 62 ovens with defective brickwork underneath.
- 13 „ broken saddles.
- 6 „ without saddles.
- 7 „ with defective grates underneath.
- 66 „ with mastic off down sides.
- 34 „ cracked.
- 7 „ with bad draught.
- 2 „ with defective front plates below.
- 127 defective kitchen boilers.
- 11 boilers with defective plates at front.

- 3 boilers with mastic off down side.
- 3 boilers with defective brickwork underneath.
- 2 boilers without grates underneath
- 23 defects found in connection with set boilers.

SCULLERY KITCHENS :—

- 10 with defective wall plastering
- 1 with defective ceiling.
- 14 with defective flagging.

CELLARS :—

- 1 window frame out of repair.
- 8 windows not openable.
- 1 with floors out of repair.

SCULLERIES :—

- 41 windows not openable.
- 2 with small casement window openable.
- 2 with defective window frames.
- 9 with plastering off walls.
- 2 with plastering off ceiling.
- 4 with damp walls.
- 4 with broken flags.
- 3 with defective roofs.
- 10 with defective eaves spouts.
- 24 without eaves spouts.
- 2 with defective downspouts.
- 31 without downspouts.

BEDROOMS :—

- 52 with plastering off walls.
- 3 with defective skirting boards.
- 11 with walls cracked.
- 3 with walls leaving floor.
- 52 with plastering off ceilings.
- 39 with floors out of repair.
- 8 with fireplaces out of repair.
- 10 with fireplaces blocked up (paper pasted over).
- 124 without fireplaces.

ATTICS :—

- 3 with defective wall plastering.
- 1 with defective ceiling.
- 1 with floor out of repair.
- 23 without fireplaces.

STAIRS :—

- 1 with dangerous tread.
- 13 without protecting rails at top.

STAIRCASES :—

- 20 with defective wall plastering.

COAL STORES :—

- 1 with door requiring re-hanging.
- 4 cellars with broken flags.

DRAINS :—

- 16 were blocked.
- 46 dishbricks required cementing round.
- 5 dishbricks broken.
- 20 dishbricks without grates.

DOWNSPOUTS :—

- 62 were broken and
- 6 blocked.

SLOPSTONES :—

- 33 worn, allowing water to lodge.
- 7 worn shallow at front, allowing water to flow on floor.
- 8 required cementing at back.
- 2 required cementing at end.
- 4 with defective woodwork at back.
- 3 with defective brickwork supporting.
- 2 with flags at end loose.
- 1 required re-setting.

SLOP-PIPES :—

- 48 defective.
- 3 blocked.
- 5 closed.

CLEAN WATER CLOSETS :—

- 2 blocked.
- 3 had a defective cone.
- 1 had a defective pan.
- 5 had defective cisterns.
- 14 had burst supply pipes.
- 3 had defective roofs, walls or seats.

WASTE WATER CLOSETS :—

- 9 blocked.
- 26 had defective tippers.
- 86 had defective roofs, walls or seats.
- 21 doors required rehangings.
- 37 had defective doors or door frames.
- 2 floors out of repair.
- 1 had a defective riser.

ASHPITS :—

- 14 doors defective.
- 8 without doors.
- 53 with defective walls.

YARDS :—

- 23 with sunken flags.
- 39 with broken flags.
- 19 with sunken and broken flags.
- 30 with defective walls.
- 17 with defective doors.

Five of the houses were provided with baths, 2 being situated in bathrooms, 2 in back bedrooms, and 1 in a room at the end of a scullery. All the waste pipes, with one exception, were trapped and discharged over dish bricks. The untrapped waste pipes from 3 being trapped and made to discharge over dish bricks in the yards, the untrapped waste pipe emptied into a hopper head fixed on a downspout discharging on to a yard gulley.

Fourteen houses were overcrowded on the basis adopted by the Registrar General, viz., more than 2 persons to a room.

Notices served under Section 15 (3) numbered 76. Several defects were put on one notice.

The following is a list of those found :—

| Defects. | SCULLERIES. | | KITCHENS. | | PARLOURS. | | BEDROOMS. | |
|---|-------------|----------|-----------|----------|-----------|----------|-----------|----------|
| | Number | Remedied | Number | Remedied | Number | Remedied | Number | Remedied |
| Broken flags | 4 | 4 | 22 | 18 | ... | ... | ... | ... |
| Floors out of repair | ... | ... | ... | ... | ... | ... | 19 | 17 |
| Defects in connection with fireplaces | ... | ... | 10 | 6 | ... | ... | 1 | ... |
| Defects in connection with ovens | ... | ... | 19 | 11 | ... | ... | ... | ... |
| Defects in connection with boilers | ... | ... | 27 | 12 | ... | ... | ... | ... |
| Defective skirting boards | ... | ... | 1 | 1 | ... | ... | ... | ... |
| Walls out of repair | 3 | 3 | 8 | 7 | ... | ... | 10 | 7 |
| Ceilings out of repair | ... | ... | 6 | 5 | 2 | 1 | ... | ... |
| Window frames out of repair | ... | ... | 25 | 16 | ... | ... | 29 | 21 |
| Window sashes out of repair | ... | ... | 5 | 4 | ... | ... | 2 | 2 |
| Window sashes fast | ... | ... | 7 | 4 | ... | ... | 20 | 16 |
| Window cords broken ... | ... | ... | 15 | 9 | 5 | 4 | 28 | 18 |
| Stairtreads out of repair | ... | ... | 1 | 1 | ... | ... | ... | ... |
| Staircase walls out of repair | ... | ... | 5 | 4 | ... | ... | ... | ... |
| Staircase ceilings out of repair | ... | ... | 2 | 2 | ... | ... | ... | ... |
| Protecting rails required at top of stairs | ... | ... | ... | ... | ... | ... | 1 | 1 |
| Doors out of repair..... | ... | ... | 4 | 3 | ... | ... | ... | ... |

Other Defects—

| | |
|---|-------------|
| 20 defective house roofs | 16 remedied |
| 14 „ eaves spouts | 9 „ |
| 5 „ downspouts | 2 „ |
| 10 „ pointing of walls | 6 „ |
| 37 „ pointing round window frames ... | 23 „ |
| 15 door steps without threshers | 8 provided. |
| 1 defective cellar window frame | 1 remedied, |
| 12 „ slopstones | 7 „ |
| 3 „ slop-pipes | 2 „ |
| 2 dishbricks requiring cementing round..... | 1 „ |

| | | |
|---|---|---|
| 2 defective tippers | 2 | „ |
| 2 „ yard doors | 2 | „ |
| 3 „ yard walls | 1 | „ |
| 3 „ closet roofs | 3 | „ |
| 3 „ „ walls | 2 | |
| 8 „ „ doors | 6 | „ |
| 1 closet without door | 1 | „ |
| 3 ashpits abolished and bins substituted. | | |

In addition to the above 213 defects were remedied after letters had been sent to the landlords.

10, Wilkinson Street, a single room dwelling, was closed under Section 99 of the Burnley Borough Improvement Act, 1871.

Legal Notices served during the year.—Public Health Act, 1875 :
Section 91-94 : Notices served 258, relating to :—

| | |
|--|-----|
| Defective Water Closets, Tippers, &c. | 119 |
| „ Drains, &c. | 30 |
| „ Dish-grates, Slop-pipes, &c. | 19 |
| „ Yard Flags, Walls, &c..... | 15 |
| „ Troughs, Spouts, &c. | 16 |
| „ Cellar Areas, &c. | 1 |
| Damp House Walls, Defective Roofs, &c..... | 20 |
| Dirty Houses..... | 1 |
| Dust Bins..... | 48 |
| Accumulation of refuse | 1 |
| Ashpit | 3 |

The number of defects for which notices have been served was 273 but in some cases more than one defect was put on one notice.

Burnley Corporation Act, 1908, Section 85.

Notices served relating to Ashbins, 99.

Public Health Act, 1875, Section 36.

Insufficient w.c and ashpit accommodation, 26.

Towns Improvement Clauses Act, 1874, Section 74 ; Public Health Act, 1875, Section 160, relating to :—

Defective eaves troughs, rain pipes, etc.—Notices served, 74.

Public Health Act, 1875, Sections 91 to 94.

Notices relating to Black Smoke, 5.

Burnley Borough Improvement Act, 1883. Section 42.

Relating to Ashpit Accommodation, 1.

General Inspection of Working Class Dwellings.—The more unsatisfactory of these dwellings have been frequently visited. 1,821 visits have been paid to back-to-back and single houses, 575 to furnished rooms, and 7,958 to other dwellings. 6 were suspected of being over crowded, but none were found to be actually in that state when visited.

Dirty Houses.—27 were suspected of being dirty, but only 15 were found to be so on inspection. In no case was it found necessary to serve a legal notice to get these nuisances remedied.

Houses Let in Lodgings.—

| | |
|---|-----|
| Total visits to 176 Houses Let in Lodgings..... | 515 |
| Total defects found | 90 |
| Total defects remedied..... | 86 |

The 77 defects found were as follows :—

| | |
|---|----|
| Dirty Floors, Walls, etc..... | 2 |
| Defective Slop Water Pipes and Drains | 1 |
| Limewashing overdue | 69 |
| Defective W.C.s | 7 |
| Defective Ashpits | 4 |
| Rain Pipes and Eaves..... | 4 |
| Sundry Defects | 3 |
| | — |
| TOTAL | 90 |
| | — |

Occupants.—On making an informal census at the end of the year it was estimated that 230 persons occupied the furnished rooms :—

| | |
|------------------------|-----|
| Adults :—Male | 80 |
| Females | 107 |
| Infants under 1..... | 4 |
| Children 1 to 12 | 39 |
| | — |
| TOTAL | 230 |
| | — |

Common Lodging Houses.—The Lodging Houses have been periodically visited, several night visits having been made.

| | |
|-----------------------|-----|
| Number of visits..... | 297 |
| Defects found | 50 |

These defects were :—

| | |
|--------------------------------------|----|
| Water Closets | 10 |
| Drains | 16 |
| Dirty condition of rooms, &c..... | 1 |
| Want of Limewashing..... | 4 |
| Rain Water Pipes and Eaves | 3 |
| Slops not emptied (Byelaw 11) | 3 |
| Windows not opened (Byelaw 17) | 1 |
| Defective Ashpits and Bins..... | 3 |
| Defective Roofs..... | 3 |

APPENDIX.

TABLE I. Shewing the causes of Death for the year 1917, at various ages.

TABLE II. Shewing Population, Birth Rate, and Infantile Mortality in various large towns as shown by the Four Quarterly Returns of the Registrar General.

TABLE III. Being Table I. of the Local Government Board, shewing Population, Number of Deaths, Number of Births, Number of Deaths of Children under one, &c., for the last ten years.

TABLE IV. Being Table II. of the Local Government Board, shewing numbers of cases of Infectious Diseases notified with their respective ages.

TABLE V. Being Table III. of the Local Government Board, shewing causes of death, and Deaths in Public Institutions.

TABLE VI. Being Table IV. of the Local Government Board, shewing causes of Death of Children under one year of age, and the ages in weeks and months.

TABLE VII. Shewing the ~~Birth Rate, Death Rate~~, Infantile Mortality, Diarrhoea Deaths, &c., for each of the twelve Wards.

METEOROLOGY.

INFANTILE MORTALITY AND INDUSTRIAL OCCUPATION OF MARRIED WOMEN.

REPORT OF MEDICAL OFFICER OF DISTRICT SANATORIUM.

SUMMARY OF NOTIFICATIONS OF TUBERCULOSIS.

LIST OF POLICE COURT PROCEEDINGS DURING 1917.

Table 1.—Showing Causes of Death for the Year 1917.

| | TOTAL | MALES | FEMALES | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | 65 and over | Workhouse | Hospital | Sanatorium |
|---|-------|-------|---------|---------|--------|---------|----------|----------|----------|-------------|-----------|----------|------------|
| Males..... | 740 | 740 | .. | 120 | 78 | 35 | 31 | 73 | 209 | 194 | 65 | 17 | 2 |
| Females | 764 | .. | 764 | 98 | 59 | 27 | 47 | 84 | 218 | 231 | 77 | 23 | 2 |
| Smallpox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scarlet Fever | 2 | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 2 |
| Diphtheria and Membranous Croup | 6 | 5 | 1 | .. | 4 | 2 | .. | .. | .. | .. | .. | .. | .. |
| Enteric Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles | 37 | 18 | 19 | 6 | 27 | 4 | .. | .. | .. | .. | .. | .. | 2 |
| Whooping Cough | 11 | 7 | 4 | 2 | 9 | .. | .. | .. | .. | .. | .. | .. | .. |
| Erysipelas | 9 | 3 | 6 | 1 | 4 | .. | 1 | 1 | 1 | 1 | .. | .. | .. |
| Chickenpox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Puerperal | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Septicaemia | 4 | .. | 4 | .. | .. | 1 | 1 | 2 | .. | .. | .. | 2 | .. |
| Influenza | 15 | 7 | 8 | 1 | 1 | 1 | .. | 2 | 6 | 4 | .. | .. | .. |
| Rheumatism | 19 | 5 | 14 | .. | .. | 1 | 1 | 3 | 7 | 7 | 4 | .. | .. |
| Diarrhoea and Enteritis..... | 30 | 22 | 8 | 19 | 4 | .. | .. | 1 | 5 | 1 | 2 | .. | .. |
| Syphilis..... | 12 | 1 | 11 | 8 | 2 | .. | .. | 1 | 1 | .. | .. | .. | .. |
| Tubercular Diseases :— | | | | | | | | | | | | | |
| Phthisis | 105 | 54 | 51 | .. | 3 | 7 | 26 | 32 | 34 | 3 | 12 | .. | .. |
| General | 9 | 5 | 4 | 1 | .. | 2 | 1 | 1 | 4 | .. | .. | 1 | .. |
| Meningitis | 10 | 4 | 6 | .. | 3 | 2 | 3 | 1 | 1 | .. | 1 | .. | .. |
| Peritonitis | 15 | 8 | 7 | 4 | 4 | 1 | 2 | 2 | .. | 2 | .. | .. | .. |
| Tabes Mesenterica..... | 1 | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| Intestines | 4 | 1 | 3 | .. | 1 | .. | .. | .. | 2 | 1 | .. | .. | .. |
| Spine | 2 | .. | 2 | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. |
| Appendix | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. |
| Hip | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| Nose | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| Ankle | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. |
| Respiratory Diseases :— | | | | | | | | | | | | | |
| Pneumonia | 72 | 42 | 30 | 7 | 10 | 3 | 8 | 10 | 23 | 11 | 2 | 1 | .. |
| Broncho-Pneumonia..... | 54 | 31 | 23 | 19 | 18 | 4 | .. | 2 | 3 | 8 | 1 | .. | .. |
| Bronchitis | 184 | 88 | 96 | 26 | 13 | 5 | 4 | 9 | 53 | 74 | 23 | 1 | .. |
| Laryngitis | 5 | 2 | 3 | 1 | 3 | .. | .. | 1 | .. | .. | .. | .. | .. |
| Empyema | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Pleurisy | 4 | 3 | 1 | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. |
| Asthma | 3 | 3 | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | .. |
| Heart Disease | 140 | 59 | 81 | 1 | .. | 2 | 9 | 21 | 62 | 45 | 14 | .. | .. |
| Apoplexy | 89 | 37 | 52 | .. | 1 | .. | .. | 4 | 42 | 42 | 8 | .. | .. |
| Anaemia | 11 | 4 | 7 | .. | 1 | .. | .. | 2 | 6 | 2 | 2 | .. | .. |
| Rickets | 3 | 1 | 2 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| Other Diseases of the Circulatory System :— | | | | | | | | | | | | | |
| Arterio Sclerosis | 17 | 9 | 8 | .. | .. | .. | .. | .. | 6 | 11 | 1 | .. | .. |
| Thrombosis | 4 | 1 | 3 | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. |
| Paroxysmal Tachycardia ... | 1 | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Embolism | 3 | 2 | 1 | 1 | .. | .. | .. | .. | 2 | .. | .. | .. | .. |
| Phlebitis | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Haemorrhoids | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. |
| Atheroma of Arteries | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Stomach :— | | | | | | | | | | | | | |
| Gastritis..... | 14 | 8 | 6 | 11 | 1 | .. | .. | .. | 2 | .. | .. | .. | .. |
| Gastric Ulcer | 11 | 6 | 5 | .. | .. | .. | 1 | 3 | 6 | 1 | 2 | 1 | .. |
| Gastric Catarrh | 5 | 2 | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Stricture of Pylorus | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Dilatation | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Dyspepsia..... | 2 | .. | 2 | .. | .. | .. | .. | .. | 1 | 1 | 1 | .. | .. |
| Stomatitis | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ulcer of Stomach | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Hæmatemesis | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Oesophageal Stricture | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |

CAUSES OF DEATH FOR 1917—CONTINUED

| | TOTAL | MALES | FEMALES | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | 65 and over | Workhouse | Hospital | Sanatorium |
|--|-------|-------|---------|---------|--------|---------|----------|----------|----------|-------------|-----------|----------|------------|
| Intestinal Diseases :— | | | | | | | | | | | | | |
| Appendicitis..... | 10 | 3 | 7 | .. | .. | 4 | 3 | 3 | .. | .. | 1 | 9 | .. |
| Obstruction | 14 | 6 | 8 | .. | .. | .. | 1 | 3 | 5 | 5 | 2 | 6 | .. |
| Peritonitis | 6 | 4 | 2 | .. | 1 | .. | 1 | 1 | 3 | .. | .. | 2 | .. |
| Perforation of Bowels | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Perforated Duodenal Ulcer | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Ruptured Duodenal Ulcer .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | .. |
| Liver :— | | | | | | | | | | | | | |
| Jaundice.....* | 2 | 2 | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Cirrhosis | 10 | 8 | 2 | .. | .. | .. | .. | 1 | 9 | .. | 2 | .. | .. |
| Gall Stones | 4 | 2 | 2 | .. | .. | .. | .. | .. | 1 | 3 | .. | .. | .. |
| Hepatitis | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Atrophy of Liver | 1 | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. |
| Biliary Calculi | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Urinary System :— | | | | | | | | | | | | | |
| Nephritis | 43 | 23 | 20 | 1 | 2 | 2 | 3 | 6 | 16 | 13 | 4 | .. | .. |
| Enlarged Prostate | 5 | 5 | .. | .. | .. | .. | .. | .. | 2 | 3 | .. | .. | .. |
| Renal Disease | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Albuminuria | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Menopause | 1 | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Urethral Abscess | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Diseases of the Reproductive System :— | | | | | | | | | | | | | |
| Ovarian Cyst | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Fibromyoma of Uterus | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Nervous System :— | | | | | | | | | | | | | |
| Meningitis | 8 | 5 | 3 | 2 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| General Paralysis of the Insane | 7 | 4 | 3 | .. | .. | .. | .. | 2 | 5 | .. | .. | .. | .. |
| Convulsions | 14 | 8 | 6 | 11 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| Epilepsy | 11 | 8 | 3 | .. | .. | 1 | 4 | 3 | 2 | 1 | 1 | .. | .. |
| Disseminated Sclerosis | 2 | 2 | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. |
| Myelitis..... | 5 | 1 | 4 | .. | .. | .. | .. | 2 | 2 | 1 | .. | .. | .. |
| Hemiplegia | 5 | 1 | 4 | .. | .. | .. | .. | .. | 3 | 2 | 1 | .. | .. |
| Paralytic Seizure | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Locomotor Ataxia..... | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Paraplegia | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Amyotrophic Lateral Sclerosis | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Brain Disease :— | | | | | | | | | | | | | |
| Cerebral Tumour..... | 2 | .. | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. |
| Cerebral Abscess | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| Premature Birth..... | 23 | 14 | 9 | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Congenital Defects :— | | | | | | | | | | | | | |
| Spina Bifida | 3 | 2 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Malformation..... | 3 | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Heart | 2 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Congenital Defects | 10 | 3 | 7 | 9 | 1 | .. | .. | .. | .. | .. | 2 | .. | .. |
| Atelectasis | 10 | 6 | 4 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Debility, Marasmus, etc..... | 21 | 15 | 6 | 18 | 3 | .. | .. | .. | .. | .. | 4 | .. | .. |
| Teething | 13 | 6 | 7 | 8 | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| Old Age | 107 | 46 | 61 | .. | .. | .. | .. | .. | 3 | 104 | 40 | .. | .. |
| Parturition and Pregnancy :— | | | | | | | | | | | | | |
| Child Birth | 2 | .. | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. |
| Placenta Prævia | 2 | .. | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. |
| Hernia..... | 5 | 2 | 3 | .. | .. | .. | .. | .. | 3 | 2 | .. | 1 | .. |
| Malignant Diseases :— | | | | | | | | | | | | | |
| Cancer—Reproductive | 13 | .. | 13 | .. | .. | .. | .. | 2 | 5 | 6 | 2 | .. | .. |
| Alimentary | 44 | 22 | 22 | .. | .. | .. | .. | 2 | 25 | 17 | .. | 5 | .. |
| Breast | 10 | .. | 10 | .. | .. | .. | .. | .. | 8 | 2 | 2 | .. | .. |
| Face | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Spine | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Larynx | 2 | 1 | 1 | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. |

CAUSES OF DEATH FOR 1917—CONTINUED.

| | TOTAL | MALES | FEMALES | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | 65 and over | Workhouse | Hospital | Sanatorium |
|--|-------|-------|---------|---------|--------|---------|----------|----------|----------|-------------|-----------|----------|------------|
| Malignant Diseases (<i>continued</i>) :— | | | | | | | | | | | | | |
| Hip | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Leg | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Prostate | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. |
| Heart | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Mouth | 3 | 2 | 1 | .. | 1 | .. | .. | 1 | 1 | .. | .. | .. | .. |
| Bladder..... | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Scrotum | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| Orbit | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. |
| Parotid Gland | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. |
| Palate | 2 | 2 | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. |
| Tongue | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. |
| Sarcoma— | | | | | | | | | | | | | |
| Tibia | 1 | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Kidney | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| Diabetes | 8 | 2 | 6 | .. | .. | .. | .. | 2 | 6 | .. | .. | .. | .. |
| Gangrene | 4 | 2 | 2 | .. | .. | .. | .. | .. | 2 | 2 | .. | 1 | .. |
| Alcoholism | 1 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Diseases of the Ear..... | | | | | | | | | | | | | |
| Chronic Middle Ear Disease | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Mastoiditis | 2 | 2 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| Otitis Media | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Inquests :— | | | | | | | | | | | | | |
| Accidental Deaths..... | 23 | 14 | 9 | .. | 2 | 9 | 1 | 2 | 3 | 6 | .. | 5 | .. |
| Suicides | 15 | 7 | 8 | .. | .. | .. | 1 | 5 | 7 | 2 | .. | .. | .. |
| Natural Causes | 28 | 15 | 13 | 6 | 1 | 1 | 2 | 3 | 9 | 6 | .. | 2 | .. |
| Other Causes :— | | | | | | | | | | | | | |
| Goitre..... | 5 | 1 | 4 | .. | .. | .. | 1 | 3 | 1 | .. | 1 | .. | .. |
| Tumour of Abdomen | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Lymphadenoma | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Heart Failure..... | 17 | 15 | 2 | .. | .. | .. | .. | .. | 11 | 6 | .. | .. | .. |
| Heart Stroke | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| Spinal Curvature..... | 1 | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Suffocated | 2 | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| General Debility | 4 | 4 | .. | .. | .. | .. | .. | .. | 3 | 1 | 1 | .. | .. |
| Shock from Burns | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Eczema | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pemphigus | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| Gluteal Abscess | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. |
| Osteomalacia | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Pellagra | 3 | .. | 3 | .. | .. | .. | .. | 1 | 2 | .. | .. | .. | .. |
| TOTAL | 1504 | 740 | 764 | 218 | 137 | 62 | 78 | 157 | 427 | 425 | 142 | 40 | 4 |

TABLE II.—SHOWING POPULATION, BIRTH RATE, DEATH RATE AND INFANTILE MORTALITY IN VARIOUS LARGE TOWNS AS SHOWN BY THE FOUR QUARTERLY RETURNS OF THE REGISTRAR GENERAL.

| <i>Name of Town.</i> | <i>Population in 1917.</i> | <i>Birth Rate.</i> | <i>Death Rate.</i> | <i>Infantile Mortality.</i> |
|-------------------------|--------------------------------|--------------------|--------------------|---------------------------------|
| Liverpool | 732,780 | 23.06 | 17.5 | 111 |
| Middlesbrough | 111,554 | 26.3 | 19.6 | 151 |
| Salford | 214,229 | 20.2 | 14.9 | 90 |
| Preston | 109,935 | 18.0 | 14.8 | 126 |
| Oldham | 136,126 | 16.0 | 15.3 | 107 |
| Sunderland..... | 145,277 | 23.8 | 17.5 | 129 |
| Bootle..... | 71,135 | 25.4 | 14.7 | 103 |
| Merthyr Tydfil | 74,387 | 22.7 | 13.5 | 108 |
| Wigan..... | 83,203 | 24.0 | 15.7 | 120 |
| Gateshead | 118,821 | 25.4 | 17.7 | 130 |
| St. Helens | 89,919 | 24.2 | 16.5 | 125 |
| BURNLEY | 93,779 | 14.4 | 16.1 | 143 |
| Stockport | 115,599 | 16.1 | 12.3 | 94 |
| Halifax | 97,047 | 13.5 | 15.0 | 115 |
| Rochdale | 90,000 | 14.1 | 13.9 | 112 |
| Hull..... | 265,764 | 11.6 | 14.5 | 121 |
| Bradford..... | 271,105 | 14.3 | 14.6 | 130 |
| Barrow-in-Furness | 83,179 | 25.3 | 11.2 | 97 |
| Warrington | 69,874 | 22.0 | 13.7 | 88 |
| Birkenhead | 134,404 | 26.5 | 14.0 | 94 |
| Sheffield | 465,494 | 23.5 | 14.4 | 103 |
| Blackburn | 121,066 | 13.3 | 14.4 | 112 |
| Leeds | 438,254 | 17.5 | 15.7 | 131 |
| Newcastle-upon-Tyne ... | 272,259 | 23.6 | 14.6 | 111 |
| Birmingham | 847,555 | 21.4 | 13.0 | 92 |
| Cardiff | 180,341 | 20.5 | 11.8 | 96 |
| Bury | 53,463 | 14.5 | 14.7 | 86 |
| Huddersfield | 107,969 | 15.2 | 12.9 | 73 |
| York | 77,177 | 16.8 | 13.8 | 106 |
| Rhondda | 153,373 | 27.0 | 12.4 | 101 |
| Bolton..... | 109,081 | 15.9 | 14.9 | 107 |
| Leicester | 217,537 | 16.9 | 13.2 | 104 |
| Nottingham | 235,613 | 17.8 | 15.3 | 125 |
| Swansea..... | 108,068 | 22.0 | 13.9 | 100 |
| Derby | 117,027 | 19.8 | 13.3 | 96 |

TABLE III.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1917 AND PREVIOUS YEARS.
 (Being Table I. of the Local Government Board).

| Year. | Population estimated to Middle of each year. | Births. | | | Total Deaths Registered in the District. | | Transferable Deaths. | | Nett Deaths belonging to the District. | | | |
|-------------|--|---------------------|-------------|-------------|--|-------------|---|---|--|-----------------------------|--------------|-------------|
| | | Uncorrected 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. | | | | | Numb'r | Rate per 1,000 Nett Births. | Numb'r | Rate. |
| 1911 | 106,569 | 2483 | 2473 | 23.2 | 2066 | 19.3 | 170 | 32 | 520 | 210 | 1928 | 18.1 |
| 1912 | 108,012 | 2498 | 2488 | 23.0 | 1738 | 16.09 | 153 | 36 | 361 | 145 | 1621 | 15.0 |
| 1913 | 109,021 | 2497 | 2488 | 22.8 | 1953 | 17.9 | 164 | 48 | 434 | 174 | 1837 | 16.8 |
| 1914 | 110,040 | 2500 | 2590 | 23.5 | 1900 | 17.3 | 148 | 50 | 409 | 158 | 1803 | 17.2 |
| 1915 | 103,098 | 2017 | 2010 | 19.5 | 1826 | 17.7 | 140 | 59 | 334 | 166 | 1745 | 16.9 |
| 1916 | 100,183 | 1807 | 1806 | 16.5 | 1787 | 16.7 | 142 | 88 | 273 | 151 | 1503 | 15.0 |
| 1917 | 93,779 | 1518 | 1510 | 14.4 | 1558 | 16.5 | 138 | 89 | 218 | 143 | 1420 | 15.1 |

The following special cases arise as to Transferable Deaths :—

(1) Persons dying in Institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses, and nursing homes (but not almshouses) must be regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an Institution had no fixed residence at the time of admission, the death is not transferable. If the patient has been directly transferred from one such institution to another, the death is transferable to the district of residence at the time of admission to the first Institution.

(2) The deaths of infants born and dying within a year of birth in an Institution to which the mother was admitted for her confinement should be referred to the district of fixed or usual residence of the parent.

(3) Deaths from Violence are to be referred (a) to the district of residence, under the general rule ; (b) if this district is unknown, or the deceased had no fixed abode, to the district where the accident occurred, if known ; (c) failing this, to the district where death occurred, if known ; and (d) failing this, to the district where the body was found.

At Census of 1911—

| | |
|--|---------|
| Total population at all ages | 106,337 |
| Number of inhabited houses | 24,058 |
| Average number of persons per house... | 4.42 |
| Area of District in acres (and inland water) | 4,629 |

TABLE IV.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1917.

(Being Table II. of the Local Government Board).

Name of District—County Borough of Burnley.

| Notifiable Disease. | Cases Notified in Whole District. | | | | | | | | Not Stated. | Total Cases removed to Hospital. |
|---|-----------------------------------|----------------|---------|----------|-----------|-----------|-----------|-----------------|-------------|----------------------------------|
| | At all Ages. | At Ages—Years. | | | | | | | | |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | 65 and upwards. | | |
| Small-Pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles | 1519 | 53 | 714 | 607 | 16 | 9 | 1 | ... | 119 | 11 |
| Cholera | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria (including Membranous croup) | 60 | 1 | 22 | 23 | 5 | 7 | 1 | ... | 1 | 32 |
| Erysipelas | 52 | 1 | 2 | 5 | 8 | 13 | 17 | 5 | 1 | 5 |
| Scarlet Fever | 46 | 2 | 12 | 26 | 3 | 2 | 1 | ... | ... | 28 |
| Typhus Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric Fever | 5 | ... | ... | 1 | 2 | 2 | ... | ... | ... | 3 |
| Relapsing Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Infantile Paralysis ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Continued Fever ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Septicæmia | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| C'bro-spinal Men'gitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ophthal Neonatorum | 13 | 13 | ... | ... | ... | ... | ... | ... | ... | ... |
| Poliomyelitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Tuberculosis of Lungs | 145 | ... | 2 | 12 | 37 | 50 | 29 | 3 | 12 | ... |
| †Other Forms T'culosis | 74 | 10 | 12 | 19 | 16 | 6 | 9 | ... | 2 | ... |
| Total | 1914 | 80 | 764 | 693 | 87 | 89 | 58 | 8 | 135 | 79 |

*Total Notifications received, 157.

†Total Notifications received, 81.

Isolation Hospital—Burnley District Sanatorium. Total available beds, 116. Number of Diseases than can be concurrently treated, 4.

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

(Being Table III. of the Local Government Board).

| CAUSES 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 Institution in the District. |
|---|--|--------------|---------------|---------------|----------------|-----------------|-----------------|-----------------|----------------|--|
| | All Ages. | Under 1 year | 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..... | 1504 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Uncertified | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Enteric Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Small Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles | 37 | 6 | 12 | 15 | 4 | .. | .. | .. | .. | 3 |
| Scarlet Fever | 2 | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 |
| Whooping Cough | 11 | 2 | 5 | 4 | .. | .. | .. | .. | .. | .. |
| Diphtheria and Croup | 6 | .. | 1 | 3 | 2 | .. | .. | .. | .. | 2 |
| Influenza | 15 | 1 | .. | 1 | 1 | .. | 2 | 6 | 4 | .. |
| Erysipelas | 9 | 1 | 1 | 3 | .. | 1 | 1 | 1 | 1 | .. |
| Phthisis (Pulmonary Tuberculosis) | 105 | .. | 1 | 2 | 7 | 26 | 32 | 34 | 3 | 16 |
| Tubercular Meningitis | 10 | .. | 2 | 1 | 2 | 3 | 1 | 1 | .. | 1 |
| Other Tubercular Diseases | 35 | 5 | 3 | 3 | 7 | 4 | 4 | 6 | 3 | 3 |
| Cancer, malignant disease | 88 | .. | 1 | .. | 1 | .. | 7 | 45 | 34 | 24 |
| Rheumatic Fever | 19 | .. | .. | .. | 1 | 1 | 3 | 7 | 7 | 5 |
| Meningitis | 8 | 2 | 1 | 2 | 2 | 1 | .. | .. | .. | .. |
| Heart Disease | 140 | 1 | .. | .. | 2 | 9 | 21 | 62 | 45 | 19 |
| Bronchitis | 184 | 26 | 7 | 5 | 5 | 4 | .. | .. | .. | 34 |
| Pneumonia (all forms) | 126 | 26 | 18 | 10 | 7 | 8 | 12 | 26 | 19 | 10 |
| Other diseases of Respiratory organs | 13 | 1 | 1 | 2 | 0 | .. | 1 | 2 | 6 | .. |
| Diarrhoea and Enteritis | 30 | 19 | 3 | 1 | .. | .. | 1 | 5 | 1 | 3 |
| Appendicitis and Typhlitis | 10 | .. | .. | .. | 4 | 3 | 3 | .. | .. | 16 |
| Cirrhosis of Liver | 10 | .. | .. | .. | .. | .. | 1 | 9 | .. | 3 |
| Alcoholism | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| Nephritis and Bright's Disease .. | 43 | 1 | 2 | .. | 2 | 3 | 6 | 16 | 13 | 7 |
| Puerperal Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Other accidents and diseases of Pregnancy and Parturition .. | 9 | .. | .. | .. | .. | .. | 4 | 3 | 2 | 3 |
| Congenital Debility and Malformation, including Premature Birth | 72 | 68 | 4 | .. | .. | .. | .. | .. | .. | 6 |
| Violent Deaths, excluding Suicide .. | 23 | .. | 1 | 1 | 9 | 1 | 2 | 3 | 6 | 15 |
| Suicides | 15 | .. | .. | .. | .. | 1 | 5 | 7 | 2 | .. |
| Other Defined Diseases | 183 | 59 | 12 | 8 | 5 | 13 | 51 | 193 | 279 | 152 |
| Diseases ill-defined or unknown .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1504 | 218 | 75 | 62 | 62 | 78 | 157 | 427 | 425 | 325 |

TABLE VI.— INFANT MORTALITY DURING THE YEAR 1917.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER 1 YEAR OF AGE.

(Being Table IV. of the Local Government Board).

| CAUSES OF DEATH. | Under 1 week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 4 weeks. | 1-3 Months. | 3-6 Months. | 6-9 Months. | 9-12 Months. | Total Deaths Under 1 year. |
|--------------------------------------|---------------------|------------|------------|------------|----------------------------|-------------|-------------|-------------|--------------|----------------------------------|
| ALL CAUSES : | | | | | | | | | | |
| Certified..... | 33 | 12 | 16 | 6 | 67 | 41 | 44 | 32 | 34 | 218 |
| Uncertified | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Small Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 6 |
| Whooping Cough | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 3 |
| Diphtheria and Croup | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tuberculosis..... | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Tubercular Peritonitis | .. | .. | .. | .. | .. | 2 | 1 | 2 | 1 | 6 |
| Nephritis | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Gastro Enteritis | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Pulmonary Embolism | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Syncope | 2 | .. | .. | .. | 2 | .. | 1 | .. | .. | 3 |
| Meningitis (not Tuberculous) | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Convulsions | 5 | 1 | .. | .. | 6 | 1 | 2 | 1 | 1 | 11 |
| Laryngitis | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Bronchitis | .. | 2 | 5 | .. | 7 | 6 | 3 | 9 | 6 | 31 |
| Pneumonia (all forms)..... | .. | .. | .. | .. | .. | 2 | 12 | 5 | 7 | 26 |
| Diarrhoea | .. | 1 | .. | .. | 1 | 4 | 8 | 4 | 1 | 18 |
| Enteritis | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 2 |
| Gastritis..... | .. | .. | 2 | 1 | 3 | 4 | 3 | 1 | .. | 11 |
| Syphilis..... | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Gastric Catarrh | .. | 1 | .. | .. | 1 | 2 | 3 | 1 | .. | 7 |
| Suffocation, overlaying | .. | .. | 1 | .. | 1 | .. | .. | 1 | .. | 2 |
| Dentition | .. | .. | .. | .. | .. | .. | .. | 1 | 6 | 7 |
| Atelectasis | 3 | .. | .. | 1 | 4 | .. | .. | .. | .. | 4 |
| Congenital Defects | 5 | 2 | 3 | 1 | 11 | 2 | 2 | .. | 1 | 16 |
| Premature Birth | 14 | 3 | 1 | 3 | 21 | 3 | .. | .. | .. | 24 |
| Atrophy, Debility and Marasmus | 2 | 1 | 2 | .. | 5 | 6 | 1 | 1 | 2 | 15 |
| Other Causes..... | 2 | 1 | 2 | .. | 5 | 6 | 4 | 3 | 1 | 19 |
| TOTALS..... | 33 | 12 | 16 | 6 | 67 | 41 | 44 | 32 | 34 | 218 |

Nett Births in the year—

Legitimate..... 1398
 Illegitimate

112

Nett Deaths in the year of—

Legitimate Infants 203
 Illegitimate Infants 15

TABLE VII—PARTICULARS OF THE TWELVE WARDS.

| WARDS, | Infantile Diarrhoea Death Rate | Infantile Mortality | WARDS, | Infantile Diarrhoea Death Rate | Infantile Mortality |
|------------------|--------------------------------------|------------------------|------------------|--------------------------------------|------------------------|
| St. Andrew's | 5 | 137.3 | Burnley Wood | 7 | 111.1 |
| Daneshouse ... | 8 | 144.0 | Healey | 10 | 130.0 |
| Stoneyholme | 28 | 171.4 | Trinity | 10 | 198.0 |
| St. Peter's ... | 42 | 189.4 | Whittlefield ... | 11 | 98.9 |
| St. Paul's | 15 | 177.9 | Gannow | 11 | 138.1 |
| Fulledge | 13 | 144.6 | Lowerhouse ... | 12 | 115.3 |

THE METEOROLOGICAL OBSERVATORY.

SUMMARY OF READINGS FOR THE YEAR.

BAROMETER.—The mean reading was 1,014.14 inches ; highest reading 1050.3 milibars on April 25th ; lowest reading 933.3 milibars on October 9th.

TEMPERATURE.—The highest temperature in the shade recorded was 79 on May 19th ; the lowest temperature being 6th on February 11th ; The mean temperature for the year was 45.3 ; the mean daily range being 11.6 The lowest reading of the Grass Thermometer was 15 on March 10th ; the number of days of ground frost being 127.

RAINFALL.—The total amount of rain for the year was 36.687 inches, the highest amount in one day being 1.04 inches on March 10th, the number of rainy days has been 172. The mean relative humidity at 9-0 a.m. was 87.7 per cent.

SUNSHINE.—The total amount of bright sunshine registered was 1,136 hours 12 minutes highest amount in one day 15 hours.

EARTH THERMOMETER.—The mean reading of the 1-foot thermometer was 49.8, mean reading of 4-foot thermometer 50.65.

INFANTILE MORTALITY.

| | |
|--|------------|
| Total children born during 1916 | 1807 |
| Illegitimate..... | 106 |
| Total not visited..... | 179 |
| Now found, or left town during the year | 108 |
| Total deaths within a year of birth of those born during 1916 .. | 218 |
| Deaths of Illegitimate children | 15 |
| Deaths of Illegitimate Children not visited | 3 |
| Number of Twin Births..... | 12 |
| Total number of first-born children | 380 |
| Total number of Legitimate Children enquired into | 1220 |
| Total number of Illegitimate children enquired into | 85 |
| Number of Deaths of Legitimate Children..... | 203 |
| Number of Deaths of Illegitimate Children | 15 |
| TOTAL | <u>218</u> |

Infantile death rate of total children enquired into 120 per 1,000 births.

| | | | | | |
|---|---|--------------|---|--------------------|---|
| " | " | legitimate | " | 153 | " |
| " | " | illegitimate | " | 307 146 | " |

OCCUPATION OF PARENTS.—The occupations of 1,295 mothers have been enquired into. The disparity between this number and the one given above is accounted by there being 12 twin births.

The occupation of the fathers are taken from the birth sheets supplied by the Registrar.

MOTHER—

| | |
|--|-------|
| Weaver.....Cotton Weaving Industry | 568 |
| Winders and Factory Hands | 165 |
| Dressmakers | 10 |
| Other occupations | 52 |
| <hr/> | |
| Total No. of Mothers Working..... | 795 |
| Total No. of Housewives | 500 |
| <hr/> | |
| TOTAL | 1295 |
| <hr/> | |
| Percentage of Mothers Working | 61.4 |
| Percentage of Mothers at Home | 38.6 |
| <hr/> | |
| TOTAL | 100.0 |
| <hr/> | |

FATHER—

| | |
|------------------------------------|------|
| Textile Operatives (Cotton) | 292 |
| Labourers (Navvies, &c.) | 90 |
| Miners (Coal)..... | 128 |
| Iron Workers (Mechanics)..... | 56 |
| Outside Trades (Masons, &c.) | 98 |
| Office or Shop | 98 |
| Other Occupations | 191 |
| Not Stated | 85 |
| H. M. Forces | 257 |
| <hr/> | |
| TOTAL | 1295 |
| <hr/> | |

The period of time which the 795 mothers left work before confinement is given approximately as follows :—

| | |
|-----------------------------|-----|
| Under one week..... | 24 |
| One week to one month | 36 |
| One to two months | 120 |
| Two or three months | 124 |
| Three or four months | 109 |
| Four to five months | 134 |
| Over five months | 228 |
| Not stated | 20 |
| <hr/> | |
| TOTAL | 795 |
| <hr/> | |

The period of time that the working mothers stayed at home after confinement is approximately as follows :—

| | |
|--|------------|
| Under two months..... | 73 |
| Two or three months | 63 |
| Three or four months | 43 |
| Four to five months | 38 |
| Five to six months | 37 |
| Not commenced work at six months, end..... | 518 |
| Not stated | 23 |
| TOTAL | 795 |

FEEDING.—The following figures, from enquiries made at the end of six months, shew how the children were fed :—

| | |
|--------------------|-------------|
| Breast fed | 497 |
| Mixed | 139 |
| Artificial | 652 |
| Not stated | 19 |
| TOTAL | 1307 |

ATTENDANT AT BIRTH.

| | |
|--------------------------------|-------------|
| Medical Men | 555 |
| Midwives and other women | 736 |
| Not stated | 4 |
| TOTAL | 1295 |

NURSING.

Nursed at Home—

| | |
|----------------------|------------|
| By Mother | 499 |
| Grandmother | 62 |
| Other relative | 21 |
| | 482 |

Nursed out—

| | |
|----------------------|-----------|
| By Grandmother | 49 |
| Aunt..... | 4 |
| Other persons..... | 24 |
| | 77 |

| | |
|--------------------------|------------|
| TOTAL | 559 |
| Nursing not stated | 236 |

| | |
|--------------------|------------|
| TOTAL | 795 |
|--------------------|------------|

HOUSES.—The following is a list of the different classes of houses in which these children were born :—

| | |
|--|-------------|
| Single Rooms (Houses Let in Lodgings, 8) | 10 |
| Back-to-Back | 175 |
| Other dwellings | 1107 |
| Not stated | 3 |
| TOTAL | 1295 |

DEATHS of children who were born during the year 1916, and who died before they were a year old.

| Number born, | Number died, | Rate per thousand born, |
|--------------|--------------|-------------------------|
| 1807 .. | 218 .. | 121 |

The rates for the Calendar Years 1916 and 1917 were 151 and 144 which gives an average of 147·5.

The diseases from which these children died are :—

| | |
|----------------------------|------------|
| Diarrhoea..... | 26 |
| Bronchitis | 29 |
| Premature Birth | 22 |
| Debility | 12 |
| Congenital Defects | 20 |
| Convulsions | 11 |
| Pneumonia | 26 |
| Gastro Enteritis..... | 6 |
| Whooping Cough | 6 |
| Jaundice | 1 |
| Meningitis | 1 |
| Nephritis..... | 1 |
| Accidental Death | 2 |
| Gastric Catarrh..... | 7 |
| General Tuberculosis | 1 |
| Measles | 6 |
| Hepatitis..... | 1 |
| Syphilis | 1 |
| Imperforated Anus..... | 1 |
| Pemphigus | 1 |
| Teething | 5 |
| Gastritis | 10 |
| T.B. Peritonitis | 6 |
| Asphyxia Neonatorum..... | 1 |
| Cardiac Syncope..... | 5 |
| General Tuberculosis | 1 |
| Uncertified | 1 |
| Other Causes | 8 |
| TOTAL | 218 |

Inquests were held on seven of the above, and one as uncertified, the causes of death being given as shewn on the registration returns :—

The ages at which these children died are :—

| | |
|------------------------------|------------|
| Under 1 month | 60 |
| Between 1 and 2 months | 20 |
| " 2 and 3 " | 18 |
| " 3 and 4 " | 19 |
| " 4 and 5 " | 16 |
| " 5 and 6 " | 15 |
| " 6 and 7 " | 16 |
| " 7 and 8 " | 13 |
| " 8 and 9 " | 8 |
| " 9 and 10 " | 13 |
| " 10 and 11 " | 13 |
| " 11 and 12 " | 7 |
| TOTAL | 218 |

Number of twin children born 24 Males 15, Females 9

 " died 11 " 5 " 6

Number of first children—births 380.

 " —deaths 50.

Total number of children who were not visited, 179.

Number of children who died who had not been visited, 17.

OCCUPATION OF MOTHERS

| | |
|-------------------------|------------|
| Textile Operatives..... | 99 |
| Dressmakers | — |
| Other Occupations | 14 |
| TOTAL | 113 |
| Housewives | 101 |
| TOTAL | 214 |

The disparity between the 214 and the 218 is owing to the 4 twin births.

OCCUPATION OF FATHERS—

| | |
|-----------------------------------|------------|
| Textile Operatives..... | 33 |
| Labourers (Navvies, &c.) | 15 |
| Miners (Coal)..... | 36 |
| Iron Workers (Mechanic) | 9 |
| Outside Trades (Mason, &c.) | 14 |
| Office or Shop | 10 |
| Other Occupations | 30 |
| Not stated | 29 |
| (Illegitimate) | |
| H. M. Forces | 38 |
| TOTAL | 214 |

The period of time which the 113 mothers left work before the confinement :—

| | |
|------------------------|------------|
| Under 1 week..... | 10 |
| 1 week to 1 month..... | 10 |
| 1 to 2 months | 9 |
| 1 to 3 „ | 17 |
| 3 to 4 „ | 19 |
| 4 to 5 „ | 11 |
| Over 5 months | 29 |
| Not stated | 8 |
| TOTAL | <u>113</u> |

The period of time that the working mothers stayed at home after confinement :—

| | |
|--|------------|
| Under 2 months | 12 |
| 2 to 3 months | 2 |
| 2 to 4 „ | — |
| 4 to 5 „ | 1 |
| 5 to 6 „ | 1 |
| Not commenced work at six months end | 84 |
| Not stated | 13 |
| TOTAL | <u>113</u> |

The feeding of the children who died :—

| | |
|----------------------------|------------|
| Breast fed | 71 |
| Breast and artificial..... | 22 |
| Artificial | 103 |
| Not stated | 22 |
| TOTAL | <u>218</u> |

The 214 mothers were attended at the birth of the children by :—

| | |
|--------------------------------|------------|
| Medical Men | 92 |
| Midwives and other women | 120 |
| Not stated | 2 |
| TOTAL | <u>214</u> |

The housing of the children who died :—

No. of rooms in houses :

| | |
|--------------------|------------|
| One room | 8 |
| Two or three | 47 |
| Four or over | 159 |
| Not stated | — |
| TOTAL | <u>214</u> |

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

SUMMARY OF NOTIFICATIONS RECEIVED DURING THE PERIOD JAN. 1st, 1917 to END OF WEEK ENDING DEC. 31st, 1917.

| Ages Periods. | Notifications on Form A. | | | | | | | | | | Number of Notifications on Form B. | | | | Notifications on Form C. | | | | | |
|-----------------------------|--------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|--|------------------------|-----------|-------|--|------------------------|------------|---------|---------|----------|
| | Primary Notifications. | | | | | | | | | | Total Notifications, (i.e., including cases previously notified by other doctors). | Primary Notifications. | | | Total Notifications, (i.e., including cases previously notified by other doctors). | Poor Law Institutions. | Sanatoria. | | | |
| | 0 to 1 | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | | Over 65 | Not s't'd | Total | | | | Under 5 | 5 to 10 | 10 to 15 |
| Pulmonary Males | .. | 1 | 1 | 2 | 7 | 9 | 10 | 11 | 12 | 10 | 2 | 10 | 87 | .. | 1 | 1 | 2 | 2 | .. | 11 |
| Females | .. | 1 | 1 | 7 | 12 | 10 | 17 | 8 | 5 | 3 | 1 | 3 | 70 | .. | 2 | 1 | 3 | 3 | .. | 6 |
| Non Pulmonary Males..... | 3 | 7 | 9 | 4 | 6 | 1 | 1 | 1 | 2 | 2 | .. | 2 | 41 | 1 | 3 | 1 | 5 | 5 | 1 | .. |
| Non Pulmonary Females | 5 | 7 | 2 | 5 | 2 | 7 | 1 | 2 | 3 | 2 | .. | .. | 41 | .. | 2 | .. | 2 | 2 | .. | .. |

LIST OF PROSECUTIONS—1917.

| DATE. | ACT AND SECTION. | OFFENCE. | RESULT. |
|------------|---|--|---|
| 1917. | | | |
| Mar. 14th | .. P.H.A., 1875, Sec. 91 & 96, | Permitting a Nuisance. | Adjourned 5 weeks. |
| April 18th | .. Do. | Do. | Further Adjournment. |
| June 27th | .. Food & Drugs Act, 1975, S 6 | Selling Adulterated Milk | Fine £2 and 21s. cost. |
| June 27th | .. Do. | Do. | Do. |
| Aug. 1st | .. P.H.A., 1875, Sec. 50 | Failing to Remove Manure | Withdrawn on Payment of Costs. |
| Aug. 8th | .. Food & Drugs Act, 1875, S.6 | Selling Adulterated Milk | Fine 20s., 21s. costs. |
| Sept 19th | .. Do. | Do. | Dismissed. |
| Sept. 26th | .. P.H.A., 1875, Sec. 91-96 .. | Permitting a Nuisance (Adjourned case) | Nuisance abated. Case Withdrawn on Payment of Costs. |
| Oct. 10th | .. Beans, Peas & Pulse Order, 1917, D.O.R.A. | Selling "Coloured Haricot Beans" at a price in excess of that fixed by the Food Control Order. | Fined 10s. |
| Oct. 10th | .. Do. | Selling "White Haricot Beans" at a price in excess of that fixed by the Food Control Order. | Conviction. Costs 5s. |
| Oct. 24th | .. Cake & Pastry Order, 1917 | Adding Edible Material to Cake after Mixing. | Costs 5s. |
| Oct. 24th | .. Do. | Do. | Do. |
| Oct. 24th | .. Do. | Do. | Do. |
| Oct. 24th | .. Do. | Do. | Do. |
| Oct. 24th | .. Do. | Do. | Do. |
| Oct. 24th | .. Jam Prices Order, 1917 .. | Exceeding Control Prices for Jam .. | Do. |

