

**Contributors**

Wednesbury (England). Borough Council.

**Publication/Creation**

1913

**Persistent URL**

<https://wellcomecollection.org/works/wmvjg3xh>

**License and attribution**

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



BOROUGH OF WEDNESBURY.

---

# ANNUAL REPORT

OF THE

Medical Officer of Health,

for the Year ended December 31st, 1913

WALTER C. GARMAN, M.D., Edin.,

*Medical Officer of Health.*

---

TO WHICH IS APPENDED THE

Report of the Sanitary Inspector.

---

Printed by Order of the Town Council.

---

WEDNESBURY :

PRINTED BY RYDER & SON, "HERALD" OFFICE.

# Statistical and General Sanitary Memoranda, 1914.

---

|   |     |     |     |     |           |
|---|-----|-----|-----|-----|-----------|
| Area in acres                                       | ... | ... | ... | ... | 2,287     |
| Estimated Population (middle of year)               | ... | ... | ... | ... | 28,108    |
| Population per acre                                 | ... | ... | ... | ... | 12.29     |
| Number of Houses in Borough                         | ... | ... | ... | ... | 5,812     |
| Number of Persons per House                         | ... | ... | ... | ... | 4.9       |
| Number of Marriages in the Borough                  | ... | ... | ... | ... | —         |
| Birth Rates   | ... | ... | ... | ... | 30.8      |
| Death Rates   | ... | ... | ... | ... | 18.5      |
| Infantile Death Rates                               | ... | ... | ... | ... | 152       |
| Total Deaths from Diarrhœa                          | ... | ... | ... | ... | 31        |
| Infantile Mortality from Diarrhœa, per 1,000 births | ... | ... | ... | ... | 35.7      |
| Total Deaths under 5 years of age                   | ... | ... | ... | ... | 246       |
| Death Rate of Children under 5 years of age         | ... | ... | ... | ... | 8.39      |
| Respiratory Death Rate (excluding Phthisis)         | ... | ... | ... | ... | 2.77      |
| Death Rate from Phthisis                            | ... | ... | ... | ... | 1.17      |
| Death Rate from other forms of Tuberculosis         | ... | ... | ... | ... | 0.64      |
| Zymotic Death Rates                                 | ... | ... | ... | ... | 4.2       |
| No. of cases of Infectious Diseases notified        | ... | ... | ... | ... | 189       |
| Rateable Value                                      | ... | ... | ... | ... | £101,899  |
| Id. in the £ yields for General Purposes            | ... | ... | ... | ... | £330      |
| General District Rates                              | ... | ... | ... | ... | 3/10 in £ |
| Poor Rate   | ... | ... | ... | ... | 4/2 in £  |





BOROUGH OF WEDNESBURY.

---

REPORT  
UPON THE  
HEALTH OF WEDNESBURY,  
FOR THE YEAR 1913,  
BY  
WALTER GARMAN, M.D., EDIN.,  
MEDICAL OFFICER OF HEALTH.

---

TO THE MAYOR AND MEMBERS OF THE  
WEDNESBURY TOWN COUNCIL.

MR. MAYOR AND GENTLEMEN,

I have pleasure in presenting to you my Annual Report for the year 1913. Judging from the number of houses in occupation in the Borough, it is uncertain that the population has varied much since the Census of two years ago. It has therefore appeared best to calculate the rates upon the figures then obtained, viz., 28,108.

1.—VITAL STATISTICS.

The number of births registered during 1913 was 868 (males 446, females 422), which represents a birth-rate of 30·8 per 1,000 of the population. The natural increase of the population by excess of births over deaths was 347. The deaths from all causes numbered 521, in which are included 63 deaths occurring in Public Institutions outside the town. The resulting death-rate is 18·5 per 1,000 of the population,

The deaths of children under five years of age numbered 246, or 47·2 of the total deaths. Of these 132 were under one year of age.

TABLE I.

|                                | 1909 | 1910 | 1911 | 1912 | 1913 |
|--------------------------------|------|------|------|------|------|
| Premature Birth ... ..         | 24   | 15   | 20   | 21   | 17   |
| Bronchitis and Pneumonia ...   | 39   | 24   | 20   | 34   | 36   |
| Scarlet Fever ... ..           | 6    | 2    | —    | 2    | 1    |
| Measles ... ..                 | 11   | 26   | 27   | —    | 66   |
| Whooping Cough ... ..          | 15   | 10   | 4    | 14   | 6    |
| Diarrhœa ... ..                | 18   | 11   | 54   | 4    | 31   |
| Diphtheria ... ..              | —    | —    | 1    | 1    | 3    |
| Other Causes ... ..            | 78   | 60   | 74   | 61   | 86   |
|                                | 191  | 148  | 200  | 137  | 246  |
| Percentage of Total Deaths ... | 46·2 | 40·5 | 42·9 | 32   | 47·2 |

The next table gives the deaths due to zymotic disease. These numbered 118, which is equal to a death-rate of 4·2 per 1,000. For the purpose of comparison the corresponding figures for the previous four years are included in this table:—

TABLE II.

|                          | 1909 | 1910 | 1911 | 1912 | 1913 |
|--------------------------|------|------|------|------|------|
| Erysipelas ... ..        | —    | 1    | 2    | 1    | 1    |
| Puerperal Fever ... ..   | 1    | 2    | 2    | —    | —    |
| Enteric Fever ... ..     | 2    | —    | 3    | 1    | 2    |
| Scarlet Fever ... ..     | 9    | 2    | —    | 2    | 2    |
| Measles ... ..           | 12   | 29   | 27   | 1    | 72   |
| Diphtheria ... ..        | 1    | 1    | 1    | 2    | 4    |
| Diarrhœa ... ..          | 18   | 11   | 57   | 7    | 31   |
| Whooping Cough ... ..    | 16   | 10   | 4    | 16   | 6    |
|                          | 59   | 56   | 96   | 30   | 118  |
| Death Rate per 1,000 ... | 2·1  | 1·7  | 3·4  | 1·   | 4·2  |



Following is a table giving the mortality from pulmonary disease for the past five years :—

TABLE III.

| Year. | Bronchitis and Pneumonia. | Phthisis. | Total. |
|-------|---------------------------|-----------|--------|
| 1909  | 80                        | 22        | 102    |
| 1910  | 47                        | 16        | 63     |
| 1911  | 48                        | 25        | 73     |
| 1912  | 66                        | 30        | 96     |
| 1913  | 78                        | 33        | 111    |

The next table gives the figures dealing with Vaccination in Wednesbury during the year ended June 30th, 1913 :—

TABLE IV.

| Births Registered. | Successfully Vaccinated. | Insusceptible. | Dead Unvaccinated. | Medical Postponements. | Certificates sent in of Conscientious Objections. | Removals known. | Removals unknown. | Unaccounted for. |
|--------------------|--------------------------|----------------|--------------------|------------------------|---|-----------------|-------------------|------------------|
| 844                | 212                      | —              | 53                 | 3                      | 564   | 7               | 3                 | 2                |

The Inquests held by the Coroner numbered 18, and may be thus classified :—

|                |     |     |     |     |          |
|----------------|-----|-----|-----|-----|----------|
| Natural Causes | ... | ... | ... | ... | 11       |
| Accidents      | ... | ... | ... | ... | 6        |
| Suicide        | ... | ... | ... | ... | 1        |
|                |     |     |     |     | <hr/> 18 |

Eight additional Inquests were also held upon Wednesbury persons dying outside the Borough. Of these six were due to accident, one to suicide, and one to natural causes.

The next table sets forth the deaths occurring during 1913, from all causes, classified according to diseases and ages for the four quarters, and of births for the same period :—

TABLE V.

|             |     |         |     | Mortality from all causes at subjoined ages |             |     |     |    |    |    |    | Mortality from subjoined causes; distinguishing deaths of children under five years of age. |              |                      |                      |                       |                       |                       |                       |                      |         |               |                |                      |           |            |          |               |                         |        |                    |                          |           |          |              |    |    |   |     |    |    |    |     |    |    |     |    |    |     |     |     |     |     |    |     |     |     |      |    |    |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-----|---------|-----|---|-------------|-----|-----|----|----|----|----|---|--------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|---------|---------------|----------------|----------------------|-----------|------------|----------|---------------|-------------------------|--------|--------------------|--------------------------|-----------|----------|--------------|----|----|---|-----|----|----|----|-----|----|----|-----|----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|------|----|----|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Births.     |     | Deaths. |     | Registered Births                           | At all ages |     |     |    |    |    |    |   | Under 1 year | 1 and under 2 years. | 2 and under 5 years. | 5 and under 15 years. | 15 and under 25 years | 25 and under 45 years | 45 and under 65 years | 65 years and upwards | Measles | Scarlet Fever | Whooping Cough | Diphtheria and Croup | Influenza | Erysipelas | Phthisis | Enteric Fever | Diarrhoea and Enteritis | Cancer | Cirrhosis of Liver | Bronchitis and Pneumonia | Accidents | Suicides | Other Causes |    |    |   |     |    |    |    |     |    |    |     |    |    |     |     |     |     |     |    |     |     |     |      |    |    |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M           | F   | M       | F   |   |             |     |     |    |    |    |    |   |              |                      |                      |                       |                       |                       |                       |                      |         |               |                |                      |           |            |          |               |                         |        |                    |                          |           |          |              |    |    |   |     |    |    |    |     |    |    |     |    |    |     |     |     |     |     |    |     |     |     |      |    |    |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1st Quarter | ... | 108     | 100 | 102   | 84          | 208 | 186 | 40 | 43 | 23 | 14 | 2   | 11           | 28                   | 25                   | ...                   | 56                    | 1                     | 2                     | 1                    | 2       | 11            | 10             | 3                    | 1         | 19         | 2        | 23            | ...                     | 56     | 1                  | 2                        | 1         | 2        | 11           | 10 | 3  | 1 | 141 | 15 | 35 | 28 | 30  | 31 | 38 | ... | 72 | 2  | 6   | 4   | 2   | 133 | 231 | 31 | 5   | 78  | 12  | 1241 |    |    |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2nd Quarter | ... | 112     | 110 | 60  | 43          | 222 | 103 | 23 | 9  | 3  | 2  | 9   | 24           | 33                   | ...                  | 6                     | 1                     | 4                     | 6                     | 11                   | 10      | 3             | 1              | 15                   | 5         | 2          | 28       | 30            | 31                      | 38     | ...                | 6                        | 1         | 1        | 2            | 1  | 1  | 6 | 11  | 10 | 3  | 1  | 141 | 15 | 35 | 28  | 30 | 31 | 38  | ... | 72  | 2   | 6   | 4  | 2   | 133 | 231 | 31   | 5  | 78 | 12   | 1241 |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3rd Quarter | ... | 97      | 102 | 60  | 49          | 199 | 109 | 35 | 9  | 13 | 2  | 1   | 11           | 21                   | 17                   | ...                   | 3                     | 3                     | 15                    | 6                    | 4       | 13            | 1              | 8                    | 1         | 15         | 5        | 2             | 28                      | 30     | 31                 | 38                       | ...       | 3        | 3            | 1  | 15 | 6 | 4   | 13 | 1  | 8  | 1   | 15 | 5  | 2   | 28 | 30 | 31  | 38  | ... | 72  | 2   | 6  | 4   | 2   | 133 | 231  | 31 | 5  | 78   | 12   | 1241 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4th Quarter | ... | 129     | 110 | 63  | 60          | 239 | 123 | 34 | 10 | 4  | 8  | 3   | 11           | 28                   | 25                   | ...                   | 1                     | 2                     | 10                    | 5                    | 4       | 1             | 12             | 10                   | 3         | 12         | 5        | 2             | 30                      | 31     | 38                 | ...                      | 1         | 2        | 1            | 10 | 5  | 4 | 1   | 12 | 10 | 3  | 12  | 5  | 2  | 30  | 31 | 38 | ... | 72  | 2   | 6   | 4   | 2  | 133 | 231 | 31  | 5    | 78 | 12 | 1241 |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|             |     |         |     |   |             |     |     |    |    |    |    |   |              |                      |                      |                       |                       |                       |                       |                      |         |               |                |                      |           |            |          |               |                         |        |                    |                          |           |          |              |    |    |   |     |    |    |    |     |    |    |     |    |    |     |     |     |     |     |    |     |     |     |      |    |    |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



TABLE VI.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1913  
AND PREVIOUS YEARS.

DISTRICT OF WEDNESBURY.

| 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.  |      |  |      | Of Non-Residents Registered in the District. | Of Residents not Registered in the District. | Under 1 Year of age.                   |                            | At all Ages. |      |
|       |   |                     | Number | Rate | Number                                   | Rate |  |  | Number                                 | Rate per 1000 Nett Births. | Number       | Rate |
| 1908  | 27000                                       |                     | 894    | 31.1 | 408                                      | 15.1 |  | 4  | 128                                    | 143.1                      | 412          | 15.2 |
| 1909  | 27000                                       |                     | 887    | 32.8 | 401                                      | 14.8 |  | 12   | 127                                    | 143.1                      | 413          | 15.2 |
| 1910  | 27000                                       |                     | 839    | 31   | 349                                      | 12.9 |  | 16   | 83                                     | 99.8                       | 365          | 13.5 |
| 1911  | 28108                                       |                     | 851    | 32.2 | 414                                      | 14.7 |  | 52   | 129                                    | 151.5                      | 466          | 16.5 |
| 1912  | 28108                                       |                     | 831    | 29.2 | 361                                      | 12.8 |  | 66   | 93                                     | 111.9                      | 427          | 15.1 |
| 1913  | 28108                                       |                     | 868    | 30.8 | 488                                      | 17.3 |  | 63   | 132                                    | 152                        | 521          | 18.5 |

Area of District in acres (exclusive of area covered by water),  
2287.

At census of 1911 :

Total population at all ages, 28,108

Number of inhabited houses, 5,812.

Average number of persons per house, 4.9.



TABLE VII.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING  
THE YEAR 1913.

DISTRICT OF WEDNESBURY.

| NOTIFIABLE DISEASE.                              | Number of Cases Notified. |                |                      |                       |                        |                        |                        |                 |
|--|---------------------------|----------------|----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------|
|  | At all Ages.              | At Ages—Years. |                      |                       |                        |                        |                        |                 |
|  |                           | Under 1.       | 1 and under 5 years. | 5 and under 15 years. | 15 and under 25 years. | 25 and under 45 years. | 45 and under 65 years. | 65 and upwards. |
| Small Pox ... ..                                 |                           |                |                      |                       |                        |                        |                        |                 |
| Cholera ... ..                                   |                           |                |                      |                       |                        |                        |                        |                 |
| Diphtheria (including Mem-<br>branous Croup) ... | 12                        |                | 3                    | 6                     | 3                      |                        |                        |                 |
| Erysipelas ... ..                                | 36                        | 1              | 3                    | 2                     | 3                      | 15                     | 12                     | 1               |
| Scarlet Fever ... ..                             | 23                        |                | 9                    | 13                    | 1                      |                        |                        |                 |
| Typhus Fever ... ..                              |                           |                |                      |                       |                        |                        |                        |                 |
| Enteric Fever ... ..                             | 6                         |                |                      | 3                     | 1                      | 1                      | 1                      |                 |
| Relapsing Fever ... ..                           |                           |                |                      |                       |                        |                        |                        |                 |
| Continued Fever ... ..                           |                           |                |                      |                       |                        |                        |                        |                 |
| Puerperal Fever ... ..                           | 3                         |                |                      |                       | 1                      | 2                      |                        |                 |
| Cerebro-spinal Meningitis ...                    |                           |                |                      |                       |                        |                        |                        |                 |
| Poliomyelitis ... ..                             | 4                         | 1              | 3                    |                       |                        |                        |                        |                 |
| Pulmonary Tuberculosis ...                       | 74                        | 3              | 11                   | 9                     | 14                     | 26                     | 9                      | 2               |
| Other forms of Tuberculosis                      | 26                        | 6              | 8                    | 5                     | 4                      | 2                      | 1                      |                 |
| Ophthalmia Neonatorum ...                        | 5                         | 5              |                      |                       |                        |                        |                        |                 |
| Totals ... ..                                    | 189                       | 16             | 37                   | 38                    | 26                     | 46                     | 23                     | 3               |

*Isolation Hospital.*—Wednesbury Isolation Hospital, Dangerfield Lane.

*Total available Beds.*—Twenty-two.

*Number of Diseases that can be concurrently treated.*—One.

TABLE VIII.  
CAUSES OF, AND AGES AT DEATH DURING  
THE YEAR 1913.

DISTRICT OF WEDNESBURY.

| 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 Institutions in the District. |
|---|---|---------------|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------|---|
|   | ALL AGES.   | Under 1 year. | 1 and under 2 years. | 2 and under 5 years. | 5 and under 15 years. | 15 and under 25 years. | 25 and under 45 years. | 45 and under 65 years. | 65 and upwards. |   |
| All Causes—Certified ...  |   | 132           | 71                   | 43                   | 26                    | 6                      | 42                     | 101                    | 99              |   |
| Uncertified ...   |   |               |                      |                      |                       |                        |                        |                        | 1               |   |
| Enteric Fever ...   | 2   |               |                      |                      |                       | 1                      | 1                      |                        |                 |   |
| Small Pox ...   |   |               |                      |                      |                       |                        |                        |                        |                 |   |
| Measles ...   | 72  | 14            | 34                   | 18                   | 6                     |                        |                        |                        |                 |   |
| Scarlet Fever ...   | 2   |               |                      | 1                    | 1                     |                        |                        |                        |                 |   |
| Whooping Cough ...  | 6   | 2             | 1                    | 3                    |                       |                        |                        |                        |                 |   |
| Diphtheria and Croup ...  | 4   |               | 2                    | 1                    | 1                     |                        |                        |                        |                 |   |
| Influenza ...   | 2   |               |                      |                      |                       |                        | 1                      |                        | 1               |   |
| Erysipelas ...  | 1   |               |                      |                      |                       |                        |                        |                        | 1               |   |
| Phthisis (Pulmonary Tuberculosis) ...                               | 33  |               |                      | 2                    | 1                     | 2                      | 9                      | 17                     | 2               |   |
| Tuberculous Meningitis ...  | 4   | 2             |                      | 1                    | 1                     |                        |                        |                        |                 |   |
| Other Tuberculous Diseases  | 14  | 6             | 4                    | 2                    | 2                     |                        |                        |                        |                 |   |
| Cancer, Malignant Disease   | 31  |               |                      |                      |                       | 1                      | 2                      | 20                     | 8               |   |
| Rheumatic Fever...  | 3   |               |                      |                      |                       |                        |                        | 3                      |                 |   |
| Meningitis ...  | 3   | 1             | 1                    |                      | 1                     |                        |                        |                        |                 |   |
| Organic Heart Disease ...   | 29  |               |                      |                      | 3                     | 2                      | 4                      | 13                     | 7               |   |
| Bronchitis ...  | 41  | 9             | 2                    |                      |                       |                        | 2                      | 13                     | 15              |   |
| Pneumonia (all Forms) ...   | 37  | 10            | 10                   | 5                    | 1                     |                        | 2                      | 6                      | 3               |   |
| Other Diseases of Respiratory Organs ...                            | 6   |               |                      | 1                    | 1                     |                        | 3                      |                        | 1               |   |
| Diarrhoea and Enteritis ...   | 31  | 25            | 6                    |                      |                       |                        |                        |                        |                 |   |
| Appendicitis and Typhlitis  | 4   |               |                      |                      |                       |                        | 2                      | 1                      | 1               |   |
| Cirrhosis of Liver...   | 5   |               |                      |                      |                       |                        | 1                      | 3                      | 1               |   |
| Alcoholism ...  |   |               |                      |                      |                       |                        |                        |                        |                 |   |
| Nephritis and Bright's Disease                                      | 14  |               | 3                    | 1                    |                       |                        | 3                      | 6                      | 1               |   |
| Puerperal Fever ...   |   |               |                      |                      |                       |                        |                        |                        |                 |   |
| Other Accidents and Diseases of Pregnancy and Parturition           | 1   |               |                      |                      |                       |                        | 1                      |                        |                 |   |
| Congenital Debility and Malformation, including Premature Birth ... | 44  | 40            | 4                    |                      |                       |                        |                        |                        |                 |   |
| Violent Deaths, excluding Suicide ...                               | 12  | 3             |                      | 1                    | 1                     |                        | 2                      | 4                      | 1               |   |
| Suicide ...   | 1   |               |                      |                      |                       |                        | 1                      |                        |                 |   |
| Other Defined Diseases ...  | 119   | 20            | 4                    | 7                    | 7                     |                        | 8                      | 15                     | 58              |   |
| Sub-Entries included in above figures :—                            | 521   | 132           | 71                   | 43                   | 26                    | 6                      | 42                     | 101                    | 100             |   |
| Croupous Pneumonia ...  |   |               | 1                    | 1                    |                       |                        |                        | 3                      | 2               |   |
| Pneumonia (not certified)   |   | 2             | 2                    | 1                    |                       |                        |                        | 1                      |                 |   |



TABLE IX.

## BOROUGH OF WEDNESBURY.

INFANTILE MORTALITY, 1913. Nett Deaths from stated causes at various Ages under 1 Year of Age.

| CAUSE OF DEATH.                |             | Under 1 Week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 4 Weeks. | 4 weeks and under 3 months. | 3 months and under 6 months. | 6 months and under 9 months. | 9 months and under 12 months. | Total deaths under 1 year. |
|--------------------------------|-------------|---------------|------------|------------|------------|----------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|----------------------------|
| ALL CAUSES {                   | Certified   | ...           | ...        | ...        | ...        | ...                  | ...                         | ...                          | ...                          | ...                           | ...                        |
|                                | Uncertified | ...           | ...        | ...        | ...        | ...                  | ...                         | ...                          | ...                          | ...                           | ...                        |
| Measles                        | ...         | ...           | 1          |            |            | 1                    |                             |                              | 4                            | 9                             | 14                         |
| Whooping Cough                 | ...         | ...           |            |            |            | 1                    |                             | 1                            |                              |                               | 2                          |
| Tuberculosis Meningitis        | ...         | ...           |            |            |            |                      |                             | 3                            |                              | 2                             | 2                          |
| Abdominal Tuberculosis         | ...         | ...           |            |            |            |                      |                             | 1                            |                              | 1                             | 4                          |
| Other Tuberculous Diseases     | ...         | ...           |            |            | 1          | 1                    |                             |                              |                              |                               | 2                          |
| Meningitis (not Tuberculous)   | ...         | ...           |            |            |            |                      |                             |                              | 1                            |                               | 1                          |
| Convulsions...                 | ...         | ...           |            |            |            | 1                    |                             |                              |                              |                               | 3                          |
| Bronchitis                     | ...         | ...           |            | 2          |            | 2                    |                             | 1                            |                              |                               | 10                         |
| Pneumonia (all forms)          | ...         | ...           |            |            |            | 5                    |                             | 2                            |                              | 1                             | 9                          |
| Diarrhoea                      | ...         | ...           |            | 1          |            | 2                    |                             | 1                            |                              | 1                             | 5                          |
| Enteritis                      | ...         | ...           |            | 1          |            | 1                    |                             | 8                            |                              | 2                             | 20                         |
| Syphilis                       | ...         | ...           |            |            |            | 4                    |                             | 1                            |                              |                               | 4                          |
| Suffocation, overlying         | ...         | ...           |            |            |            | 1                    |                             |                              | 1                            |                               | 1                          |
| Injury at Birth                | ...         | ...           | 1          |            |            |                      |                             |                              |                              |                               | 1                          |
| Congenital Malformations       | ...         | ...           | 2          | 2          |            | 4                    |                             | 2                            |                              |                               | 6                          |
| Premature Birth                | ...         | ...           | 11         | 3          | 1          | 17                   |                             |                              |                              |                               | 17                         |
| Atrophy, Debility and Marasmus | ...         | ...           | 3          | 2          | 2          | 7                    | 5                           | 4                            | 1                            |                               | 17                         |
| Other Causes                   | ...         | ...           | 3          |            |            | 3                    | 3                           | 3                            | 2                            | 3                             | 14                         |
|                                |             | 20            | 3          | 11         | 4          | 38                   | 24                          | 28                           | 23                           | 19                            | 132                        |



TABLE X.

For comparison the Statistics with regard to Wednesbury and England and Wales are given in the following Table:—

| Year.    | Population. | Wednesbury.                              |        |                               |   | England and Wales.                       |        |                              |   |
|----------|-------------|--|--------|-------------------------------|---|--|--------|------------------------------|---|
|          |             | Annual Rate per 1,000 of the Population. |        |                               | Infant Mortality.<br>Rate per 1,000 Births. | Annual Rate per 1,000 of the Population. |        |                              | Infant Mortality.<br>Rate per 1,000 Births. |
|          |             | Birth.                                   | Death. | Deaths from Zymotic Diseases. |   | Birth.                                   | Death. | Deaths from Zymotic Disease. |   |
| 1907     | 27000       | 33.7                                     | 16.5   | 1.9                           | 138.4                                       | 26.3                                     | 15.0   | 1.26                         | 118   |
| 1908     | 27000       | 33.1                                     | 15.2   | 2.1                           | 143.1                                       | 26.5                                     | 14.7   | 1.29                         | 120   |
| 1909     | 27000       | 32.8                                     | 15.2   | 1.7                           | 143.1                                       | 25.6                                     | 14.5   | 1.12                         | 109   |
| 1910     | 27000       | 31.0                                     | 13.5   | 3.04                          | 99.8  | 24.8                                     | 13.4   | 0.99                         | 106   |
| 1911     | 28108       | 32.2                                     | 16.5   | 1.1                           | 151.5                                       | 24.4                                     | 14.6   | 1.88                         | 130   |
| 1912     | 28108       | 29.5                                     | 15.4   | 2.0                           | 111.9                                       | 23.8                                     | 13.3   | 0.98                         | 95  |
| Averages | 27.369      | 32.0                                     | 15.3   | 1.97                          | 131.3                                       | 25.2                                     | 14.2   | 1.27                         | 113   |
| 1913     | 28108       | 30.8                                     | 18.5   | 4.5                           | 152   | 23.9                                     | 13.7   | 1.2                          | 109   |

The foregoing figures will enable the Council to form an opinion as to the health of the town during the past year. It will be seen at once that the general death-rate is high; in fact it is necessary to go back nine years to find a correspondingly high rate. As is always the case, the explanation of a marked increase in the number of deaths is forthcoming in the fatal prevalence of Zymotic Diseases—usually in an epidemic form. In the present instance epidemic Enteritis and Measles were the diseases which were responsible for the excessive mortality.

We have passed through another year without the occurrence of any case of small-pox, and in this connection I would direct your attention to the vaccination returns for the twelve months ending June 30th, 1913. There is really nothing new to be said upon this subject. Of 791 infants alive at the end of this year, and born during the previous twelve months, 212 were successfully vaccinated, or 26·8 per cent. Included in the balance of unvaccinated cases were 564 exemptions on account of so called conscientious objection on the part of the parents. This number is equal to 71·3 per cent of the children, who in the ordinary course of things, would have been vaccinated.

The appended table gives the figures since the Amended Vaccination Act came into operation on January 1st, 1899 :—

TABLE XI.

| Year. | Number of Living Children | Percentage of Successful Vaccinations. | Number of Exemptions. | Percentage of Exemptions. |
|-------|---------------------------|--|-----------------------|---------------------------|
| 1899  | 734                       | 63·3                                   | 123                   | 16·7                      |
| 1900  | 816                       | 61·6                                   | 67                    | 8·2                       |
| 1901  | 866                       | 58·9                                   | 51                    | 5·9                       |
| 1902  | 804                       | 84·7                                   | 41                    | 5·9                       |
| 1903  | 839                       | 88·5                                   | 40                    | 4·7                       |
| 1904  | 810                       | 89·2                                   | 38                    | 4·6                       |
| 1905  | 837                       | 89·2                                   | 41                    | 4·8                       |
| 1906  | 794                       | 87·5                                   | 68                    | 8·5                       |
| 1907  | 769                       | 87·9                                   | 53                    | 6·8                       |
| 1908  | 860                       | 72·6                                   | 195                   | 22·6                      |
| 1909  | 796                       | 55·9                                   | 321                   | 40·0                      |
| 1910  | 790                       | 43·4                                   | 420                   | 53·1                      |
| 1911  | 767                       | 37·2                                   | 455                   | 59·3                      |
| 1912  | 755                       | 35·4                                   | 472                   | 62·5                      |
| 1913  | 791                       | 26·8                                   | 564                   | 71·3                      |



These figures shew plainly that vaccination is rapidly becoming a dead-letter, and judging by past experience, it behoves us to keep our Isolation Equipment in readiness for dealing with the outbreak of small-pox, which however long delayed, must be regarded as inevitable.

**Scarlet Fever.**—Only 23 cases of Scarlet Fever were notified during the year—a very small number. Of these two were fatal. No case of the disease was isolated, but as I have previously stated, the position of Wednesbury is in no way inferior to that of neighbouring towns where isolation is attempted and only partially carried out.

**Diphtheria** (including Membranous Croup).—Twelve cases were notified, and there were four deaths. In this connection I may say that it would appear that the great value of Anti-diphtheritic Serum is not fully appreciated by the profession. In all necessitous cases the Serum can be obtained free of charge from the Sanitary Department.

**Enteric Fever.**—Six cases were notified, of which two were fatal. The disease never assumed an epidemic character.

**Puerperal Fever.**—Exactly as was the case last year, three cases were notified, and all recovered. This is a wonderful record in a manufacturing town where the births are well over 800 per annum.

**Measles.**—We now come to the disease which during the year was mainly responsible for the exceptionally heavy mortality. It is impossible to form any idea of the number of cases which occurred, inasmuch as the disease is not notifiable, but there were no fewer than 72 fatal cases, a number far in excess of that for any year since my appointment as Medical Officer in 1884. The other years which are comparable in respect to Measles were—1886, with 59 deaths; 1896, with 53 deaths; 1900, with 59 deaths; 1904, with 57 deaths; 1905, with 30 deaths; 1907, with 27 deaths; 1910, with 29 deaths; and 1911, with 27 deaths. During 1912 only one death was due to Measles, and yet the epidemic of 1913 developed so rapidly that no fewer than 62 of the 72 fatal cases were registered during the first quarter of the year. In the second quarter there were six deaths; in the third quarter, three; and in the fourth quarter, one. Before the end of the year the epidemic was at an end. Apart from any other consideration, the very high infectivity of Measles in the earliest stages presents an insuperable



difficulty from the point of view of prevention. And, although in sparsely populated rural districts school closure may be a measure of some value, I am unable to regard it as such in densely populated areas. In fact, I consider the control of Measles as probably the most difficult problem which confronts a Health Authority.

**Diarrhœa and Enteritis.**—It was this disease which operated very fatally in the same year as did Measles, and was the determining factor of our unusually high death-rate. The almost tropical Summer of 1911 very much favoured the occurrence of Diarrhœa, which occasioned 57 deaths. The succeeding year was notably cool and wet throughout the Summer, and there were only seven deaths. Last year the Summer was wonderfully dry, and the warm weather persisted late into the Autumn. Diarrhœa was prevalent through the latter part of the Summer quarter, and the whole of the Autumn, and produced in all, 31 deaths. As regards prevention, responsibility rests both with the Sanitary Authority and with the Public. The latter need to learn the highly infectious nature of the disease, and the manner of its spread—chiefly by means of contaminated food. Upon the Health Authority is the onus of removing nuisances in the way of defective privies and middens—a work which needs to be prosecuted unceasingly and as rapidly as possible; also dirty and wet yards should be properly sloped and paved, so as to facilitate their being kept reasonably cleansed by the rainfall or by washing.

**Whooping Cough** caused six deaths, but never assumed very serious proportions.

**Tuberculosis** in its various forms was productive of no fewer than 51 deaths, or 10 per cent. of the mortality from all causes. There were 33 deaths from Pulmonary Consumption, and 18 from other forms of Tuberculosis. This is a most distressing state of things, not only by reason of the high figures, but because of the large amount of disablement and protracted suffering which the figures indicate. In spite of all the claims which are made for various methods of treatment, I fear it must be admitted that we have not yet travelled very far in the way of effectively dealing with this wide-spread and relentless scourge. The records for the past year is even worse than that of the previous year when 44 deaths were registered as due to the disease.

The incidence of malignant disease in its various forms with 31 deaths is strikingly similar to that of 1912, with 30 deaths. In this direction, however, there seems to be a slightly greater hopefulness,



owing to the beneficial, and, in some cases, striking results from the use of radium. It may well be that we are on the eve of the discovery of dealing with some success with the more external forms of malignant growth. This, however, would still leave the large number of internal cases to be dealt with, either by the doubtful method of operation, or by some other means still to be discovered.

### **GENERAL SANITARY WORK.**

The work of the year has had to do with the abatement of nuisances in all localities, especially nuisances arising from defective drainage, and insanitary middens and privies. Full details of these matters will be found in the report of your Sanitary Inspector, which is appended to this report.

A small number of yards have been repaired and paved, but progress in this direction has not been so rapid as one would wish.

The Town Planning Act has been several times put into operation, with the result that insanitary buildings have been demolished, and much-needed alterations made. Of these your Inspector's report contains figures and details.

The Isolation Hospital was utilised from November 19th to December 31st, for the reception of two children suffering from Enteric Fever. They were both discharged, cured, on the same day, after spending six weeks in Hospital. Although isolation is only employed in Wednesbury to a very limited extent, it is very satisfactory to know that we possess the means of isolating cases of exceptional urgency. Apart from this, however, it is highly important that we should have a Hospital in a state of readiness to deal with the Small-pox epidemic, by which we are constantly threatened.

The exemptions from Vaccination for the past year exceeded 70 per cent. of the infants, and it is plain from this that we are no longer a vaccinated community. It is thus more than ever imperative that we should be equipped to deal with Small-pox at short notice.

### **MEAT INSPECTION.**

The meat supply of the town has been kept under observation.

### **COWSHEDS.**

These have been inspected from time to time.

A consideration of the foregoing figures makes it clear that we have passed through a trying year. It is, however, plain that the relatively high death-rate was due to the large mortality from Diarrhœa and Measles. Without these diseases, our death-rate would only have been 15·2, and would have borne comparison with our best years.

Finally, I have pleasure in acknowledging the valuable assistance I have at all times received from your Sanitary Inspector.

I am,

Mr. Mayor and Gentlemen,

Yours faithfully,

WALTER GARMAN,

*Medical Officer of Health.*



# Sanitary Inspector's Report.

FOR THE YEAR 1913.

---

*TO THE MAYOR AND MEMBERS OF THE  
WEDNESBURY TOWN COUNCIL.*

GENTLEMEN,

## INTRODUCTION.

I beg to submit my Seventh Annual Report as Sanitary Inspector for the Borough of Wednesbury, viz., for the year ended 31st December, 1913.

Taking a general survey of the Sanitary Improvements carried out, it will be seen that the year has been one of continued progress in the efforts to improve the sanitary condition of the Borough.

The general strike which occurred in May and which lasted eleven weeks, seriously delayed many urgently needed improvements being carried out, as it is impossible to withdraw the large sums of money paid in wages for some weeks without hardships being felt by the property owners, and the consequent reaction on their ability to carry out improvements to their property.

Considerable delay in carrying out Sanitary improvements has lately occurred, due to the builders being very dilatory and negligent in starting the work, and keeping it in hand for a considerable period. Property owners have in consequence been put to trouble and annoyance, and it has also caused a needless number of re-inspections, and added considerably to the correspondence. Unless there is improvement in this matter in near future I shall be compelled to ask you to deal very severely with the builders who make default in executing work in a reasonable time.

## GENERAL SANITARY WORK.

Over 5,339 visits, inspections or re-inspections, have been made, including house to house inspections, the investigation of complaints, and inspections during the time work was in progress.

A large number of defects were discovered, and measures were taken to remedy the defects.



### NOTICES SERVED.

In addition to the large number of letters sent to owners and occupiers requesting them to carry out sanitary improvements, 215 preliminary notices were served. 204 statutory notices were served in accordance with your instructions. Particulars of the notices are set out in Table XI.

The execution of the necessary work required by the notices has again been very much facilitated by the interviews I have had with owners, agents and builders, either at the properties concerned, or at the office, most owners manifesting a desire to comply with the requirements of the notices.

### LEGAL PROCEEDINGS.

In 12 cases legal proceedings were authorised by you. When the persons in default were notified that proceedings were being instituted against them they complied with the requirements of the notices, and it was not necessary to take out the summons in a single case.

### WATER SUPPLY.

The houses in the Delves district lack a proper and adequate water supply; they depend entirely upon well water which is insufficient and variable in quantity, and probably impure in quality. Negotiations have taken place, and it is hoped that very shortly arrangements will be made with the South Staffordshire Water Works Company whereby an adequate supply from their mains will be provided.

With this exception the town has an excellent water supply.

Every effort has again been made to induce owners to abolish the common stand pipe in the yards and provide taps in the houses or brewhouses.

### SURFACE PAVING.

In 11 cases either the whole or a considerable portion of the yard or space at the rear of the houses was paved, or the defective paving relaid.

### DRAINAGE.

Nine houses previously undrained have been connected to the sewer, and one to a cess-pool. In four cases the drains were relaid or repaired. In 48 cases surface channels have been abolished, and covered drains provided. 173 gullies and 208 inspection chambers have been fixed in connection with new drains. In 31 cases choked drains have been opened and cleansed.

## DRAIN TESTING.

Table I gives the particulars of the drains and sanitary fittings tested. 216 tests were made of the drains and sanitary fittings of 105 premises, comprising 57 new houses, two other new buildings, 343 existing houses, and five other existing buildings.

**TABLE I.**  
**DRAINS AND SANITARY FITTINGS TESTED.**

| Year. | Total Number of Tests. | Total number of Premises. | Description.  |                  |                    |                  |
|-------|------------------------|---------------------------|---------------|------------------|--------------------|------------------|
|       |                        |                           | New Premises. |                  | Existing Premises. |                  |
|       |                        |                           | Houses.       | Other Buildings. | Houses.            | Other Buildings. |
| 1912  | 115                    | 52                        | 11            | 4                | 149                | 2                |
| 1913  | 216                    | 105                       | 57            | 2                | 343                | 5                |

## PRIVY AND WATER CLOSETS ACCOMMODATION.

During the past year 277 privies and 145 middens have been abolished and replaced with 274 water closets, as follows:—228 privies converted into water closets, 36 closets rebuilt and converted into water closets, two additional water closets provided, and four water closets were substituted for privies, and four additional water closets provided in connection with factories or workshops, four waste water closets have been removed, and fresh water closets provided, eight defective water closet connections have been repaired. Table II gives the number of sanitary conveniences in the borough, and particulars of the work of abolishing the privies and ashpits, and the substitution of water closets and portable galvanised iron dust bins.



**TABLE II.**  
**SANITARY CONVENIENCES.**

| Year.   | No. of Houses in the Borough. | Closet Accommodation. |                       |        |                       |                      | Ashpit Accommodation. |                       |                     |                   | Conversion of Privies into Water Closets.      |                           |                                   |  |                                    |  | Total. |
|---------|-------------------------------|-----------------------|-----------------------|--------|-----------------------|----------------------|-----------------------|-----------------------|---------------------|-------------------|--|---------------------------|-----------------------------------|--|------------------------------------|--|--------|
|         |                               | No. of Privies.       |                       |        | No. of Water Closets. |                      | Total No. of Closets. | No. of Privy Middens. | No. of Dry Ashpits. | No. of Dust Bins. | Total No. of Receptacles for Storage of Ashes. | No. of Houses dealt with. | Conversion of Privies into W.c's. | Closets re-built and converted into W.c's. | Additional Water Closets provided. | W.c's provided in connection with Factories and Workshops. |        |
|         |                               | Fixed Receptacles.    | Moveable Receptacles. | Total. | Fresh Water Closets.  | Waste Water Closets. |                       |                       |                     |                   |  |                           |                                   |  |                                    |  |        |
| 1907    |                               |                       |                       |        |                       |                      |                       |                       | 60                  |                   |  | 118                       | 74                                | 6  |                                    | 20   | 100    |
| 1908    |                               |                       |                       |        |                       |                      |                       |                       | 334                 |                   |  | 234                       | 188                               | 27   | 5                                  | 6  | 226    |
| 1909    |                               |                       |                       |        |                       |                      |                       |                       | 583                 |                   |  | 264                       | 177                               | 14   | 1                                  | 9  | 201    |
| 1910    |                               |                       |                       |        |                       |                      |                       |                       | 866                 |                   |  | 330                       | 233                               | 29   | 4                                  | 34   | 300    |
| 1911    | 5777                          | 3229                  | 20                    | 3249   | 1500                  | 300                  | 1800                  | 350                   | 1000                | 2850              | 272  | 162                       | 36                                | 2  | 9                                  | 9  | 209    |
| 1912    | 5812                          | 3057                  | 20                    | 3077   | 1759                  | 296                  | 2055                  | 350                   | 1582                | 3339              | 235  | 149                       | 20                                | 13   | 44                                 | 226  | 226    |
| 1913    | 5867                          | 2780                  | 20                    | 2800   | 2038                  | 292                  | 2330                  | 350                   | 1700                | 3312              | 362  | 228                       | 36                                | 2  | 8                                  | 274  | 274    |
| Average |                               |                       |                       |        |                       |                      |                       |                       |                     |                   | 259  | 183                       | 24                                | 4  | 19                                 |  | 219    |

The storage of House Refuse and other rubbish for an indefinite period in an ashpit at the rear of premises is undesirable, prejudicial to health, and otherwise objectionable for sanitary reasons. Dust-bins are emptied weekly, and are greatly preferable to fixed ashpits. Six dry ashpits were abolished ; six dust-bins provided, and it is hoped that this important improvement will in a short time become universal.

### **YARDS AND SANITARY CONVENIENCES USED IN COMMON.**

Many of the occupiers pay very little attention to the cleanliness of the yards, approaches to, and the walls, floors, seats and fittings of the sanitary conveniences, and every opportunity was taken of impressing upon the tenants their responsibility of keeping their premises in a sanitary state.

As will be seen from Table XI., 49 notices were served on occupiers for these nuisances.

### **INFECTIOUS DISEASES.**

The cases of Infectious Diseases notified were visited and re-visited from time to time during the progress of the disease. Printed and verbal instructions were given to the parents and nurses, but considerable difficulty was experienced in getting them to carry out the various suggestions for preventing the spread of the disease. 62 houses were disinfected after infectious disease.

Table III. gives a summary of the particulars of the notification of cases of Tuberculosis received during the year.





## ISOLATION HOSPITAL.

The Hospital was in use from November 19th to December 31st, during which time two patients suffering from Enteric Fever were treated. They remained in hospital a total of 86 days, giving an average of 43 days per patient.

The following table gives the particulars of patients nursed in the Hospital and cost of maintenance, exclusive of establishment charges and medical attendance.



**TABLE IV.**  
**PATIENTS NURSED IN HOSPITAL, AND COST OF MAINTENANCE, EXCLUSIVE OF**  
**ESTABLISHMENT CHARGES AND MEDICAL ATTENDANCE.**

| Year.   | Patients.      |                |               |                 |           |   | Cost of Maintenance.  |                      |                   |                   |                    |                            |                           |
|---------|----------------|----------------|---------------|-----------------|-----------|---|-----------------------|----------------------|-------------------|-------------------|--------------------|----------------------------|---------------------------|
|         | Diseases.      |                | No. admitted. | No. discharged. | No. died. | No. of days when patients were in Hospital. | Patients in Hospital. |                      | Total.            | Cost per patient. |                    | Cost per patient per week. | Cost per patient per day. |
|         | Enteric Fever. | Scarlet Fever. |               |                 |           |   | Total No. of days.    | Average per patient. |                   |                   |                    |                            |                           |
| 1909    | 7              | —              | 7             | 7               | —         | 75  | 394                   | 56                   | £ s. d.<br>38 9 5 | £ s. d.<br>5 9 9½ | £ s. d.<br>0 13 8½ | £ s. d.<br>0 1 11¼         |                           |
| 1910    | —              | 2              | 2             | 2               | —         | 76  | 76                    | 38                   | 5 19 6            | 2 19 9            | 0 10 7½            | 0 1 6¾                     |                           |
| 1911    | 1              | 2              | 3             | 3               | —         | 75  | 103                   | 34                   | 12 0 0            | 4 0 0             | 0 9 7½             | 0 1 4½                     |                           |
| 1912    | 2              | —              | 2             | 2               | —         | 93  | 112                   | 56                   | 18 12 6           | 9 6 3             | 1 3 0½             | 0 3 3½                     |                           |
| 1913    | 2              | —              | 2             | 2               | —         | 43  | 86                    | 43                   | 8 9 3             | 4 4 7½            | 0 13 8½            | 0 1 11½                    |                           |
| Total   | 12             | 4              | 16            | 16              | —         | 362   | 771                   | 227                  | 83 10 8           | 26 0 5            | 3 10 8½            | 0 10 1½                    |                           |
| Average | 2·4            | 1              | 3·5           | 3·2             | —         | 72·4  | 154·2                 | 45·4                 | 16 14 1           | 5 4 1             | 0 14 1¾            | 0 2 0½                     |                           |

A Steam Disinfector and suitable buildings have been provided at the Hospital, and have been working for several months.

### **INSPECTION OF SLAUGHTER-HOUSES AND FOOD SUPPLIES.**

There are now 14 Slaughter-houses on the register, five of which are subject to Annual License. The Slaughter-houses have been periodically visited. The vendors in several cases voluntarily destroyed food when their attention was called to its unwholesome condition. Periodical visits have also been paid to butchers', fish, game, poultry and greengrocers' shops. The food exposed for sale, was, with few exceptions, of fair quality.

### **INSPECTIONS OF COWSHEDS AND DAIRIES.**

There are 11 registered cowkeepers, who keep about 120 cows in 21 sheds at 11 premises, and 76 other premises are also registered for the sale of milk. 10 applications were made for premises to be registered. After various repairs and alterations to the premises had been carried out all the applications were granted.

The cowsheds, dairies and milkshops were periodically visited, and every effort is made to see that the regulations are adhered to.

The following circular letter was sent in May to all the cowkeepers, and it is hoped they will carry out the suggestions, and that considerable improvements will be effected.

DEAR SIR,

It is very insanitary to keep manure in the yard in close proximity to the cowsheds, the liquid from which permeates into, and makes the surrounding ground unhealthy. When the cows are going in and out of the cowsheds they often walk through the manure, portions of which adhere to them, especially to their legs and hind-quarters, such manure may drop off the cows and into the milk, during milking time. The manure affords suitable breeding places for "house flies," which carry infection, and are a great source of danger.

I have to request you to keep a cart standing in the yard to receive the manure, and when full, the manure should be carted away and deposited some distance from the cowsheds.

The Council ask for your co-operation in carrying into effect the provisions of the Bye-laws.

#### **EXTRACT FROM BYE-LAWS.**

No. 13.—"Every occupier of a building or premises wherein or whereon any horse or other beast of draught or burden, or any CATTLE or any swine may be kept, shall provide, in connection with such building or premises, a SUITABLE RECEPTACLE for dung, manure, soil, filth or other offensive or noxious matter which may, from time to time, be produced in the keeping of any such animal in such building or premises."



"He shall once at least IN EVERY WEEK, REMOVE OR CAUSE TO BE REMOVED from the receptacle provided in accordance with the requirements of this bye-law, all dung, manure, soil, filth, or other offensive or noxious matter produced in or upon such building or premises and deposited in such receptacle"

No. 14.—"Every person who shall offend against any of the foregoing bye-laws shall be liable for every such offence to a penalty of Forty Shillings, and in the case of a continuing offence to a further penalty of Ten Shillings for each day after written notice of the offence."

Many Cows are foul with dried excreta, especially on the hind-quarters. The rear portion of the cowshed should be swept and cleansed several times during the day, and a plentiful supply of sawdust or wood shavings put down. The cows should be thoroughly groomed every day, and the udders wiped with a clean cloth before the cows are milked.

I enclose for your information, and am directed to request you to peruse most carefully the following leaflets issued by the Board of Agriculture.

- 1.—Leaflet No. 151. Cleanliness in the Dairy.
- 2.—Leaflet No. 187. The Selection and Milking of Dairy Cattle.
- 3.—Leaflet No. 241. The Construction of Cow Houses.

Also the Leaflets—

- 4.—Points for Retail Milk Sellers.
- 5.—Points for those interested in the production of Milk for Human Consumption.

Yours faithfully,

HERBERT TOPPING,

*Inspector under the Dairies, Cowsheds and Milkshops Orders  
for the Borough of Wednesbury.*

## INSPECTION OF COMMON LODGING HOUSES.

There are three Common Lodging Houses in the Borough, one of which is subject to Annual Registration. They were frequently visited, and generally found in fair order.

## HOUSING OF THE WORKING CLASSES.

Sixty-seven houses were dealt with under the Housing, Town Planning, etc., Acts, 1909, as being unfit for human habitation, including nine houses in respect to which proceedings had been commenced in 1912, and further action taken during the year. Eleven houses were thoroughly repaired, 32 houses were temporarily, and seven permanently, closed; 22 houses were demolished, 12 back to back houses were converted into six through houses, and 20 houses are being repaired. The situation of the premises and the details of action taken are shown in Tables V. and VI. 53 new houses were built during the year, and the approximate rents of such houses are shown in Table VII.

TABLE V.

Houses dealt with under the Housing, Town Planning, etc., Act, 1909, during the Year ended December 31st, 1913.

| Situation of Premises.  | No. of Houses represented. | No. thoroughly repaired. | Back to back Houses abolished. | No. Closed. | No. Demolished. | No. under Repair. | No. of Houses pending lapse of notice. | Remarks.  |
|---|----------------------------|--------------------------|--------------------------------|-------------|-----------------|-------------------|--|---|
| 15, 16 and 17, with 1, 2 and 3, Ct. 2, Brickkiln Street, and 21 and 22, Brickkiln Croft | 8                          |                          |                                |             | 8               |                   |  | (Notices on Occupiers, 4/2/1913<br>(Demolished by Owner.  |
| Skidmore's Cottage, Queen Street, Moxley  | 1                          | 1                        |                                |             |                 |                   |  | Order determining Closing Order, 7/7/1913   |
| 2, 3, 4, 5 and 6, Ct. 2, High Street, Moxley  | 5                          |                          |                                |             | 5               |                   |  | (Representation, 19/3/1913<br>(Closing Orders, 7/4/1913<br>(Notice on Occupier, 24/6/1913<br>(Demolished by Owner |
| House rear Nos. 13-15, Darlaston road   | 1                          |                          |                                |             | 1               |                   |  | (Closing Order, 6/1/1913<br>(Demolished by Owner  |
| 49, 50, and House rear Meeting Street   | 3                          |                          |                                |             | 3               |                   |  | (Notice on Occupier, 28/4/1913<br>(Demolished by Council.   |
| 51, back 51, 52, and House rear Meeting Street  | 4                          |                          |                                |             | 4               |                   |  | (Notice on Occupiers, 11/13<br>(Demolished by Council   |
| 2, 3 and back 3, Portway Lane   | 3                          |                          |                                | 3           |                 |                   |  | (Representation, 19/3/1913<br>(Closing Orders, 7/4/13<br>(Houses closed by Owner.                                 |
| 2, 3, 4, and back 4 Chapel Street   | 4                          | 4                        |                                |             |                 |                   |  | (Representation, 19/3/1913<br>(Closing Orders, 7/4/1913   |
| 3, 4, 5 and 6, Ct. 1, with 1, 2, 3 and 4, Inner Ct. 1, Queen Street                     | 8                          | 4                        | 4                              |             |                 |                   |  | (Order determining Closing Orders, 7/7/1913<br>(Representation, 19/3/1913<br>(Closing Orders, 7/4/1913            |
| 10, 11 and 12, with back 10 and 12, School Street                                       | 5                          | 3                        | 2                              |             |                 |                   |  | (Representation, 19/5/1913<br>(Closing Orders, 2/6/1913<br>(Notice on Occupiers, 23/6/1913                        |
| 13-23, Ct. 3, Portway Road  | 11                         |                          |                                |             |                 |                   | 11                                     | (Representation, 14/6/1913<br>(Closing Orders, 7/7/1913<br>(Notices on Occupiers, 8/8/1913                        |
| 31, 32, 33, and House rear Dudley Street  | 4                          |                          |                                | 4           |                 |                   |  | Houses closed by Owner on Preliminary Notice.<br>(Representation, 19/7/1913<br>(Closing Orders, 1/8/1913          |
| 68-72, with 1-4, Ct. 2, Church Hill   | 9                          |                          |                                |             |                 |                   | 9                                      | (Notices on Occupiers, 27/10/1913<br>(Demolished by arrangement with Owner  |
| 41, New Street  | 1                          |                          |                                |             | 1               |                   |  |   |
| Totals  | 67                         | 11                       | 6                              | 7           | 22              | 20                | 0                                      |   |



TABLE VI.

SUMMARY OF ACTION TAKEN UNDER THE HOUSING,  
TOWN PLANNING, etc., ACTS, 1909.

|  |   |  |  |  | 1910 | 1911 | 1912 | 1913 |
|--|---|--|--|--|------|------|------|------|
| No. of Inspections   |   |  |  |  | 217  | 239  | 223  | 237  |
| Houses dealt with.   | { No. Occupied  |  |  |  | 70   | 65   | 48   | 58   |
|  | { No. Unoccupied                                      |  |  |  | 20   | 23   | 20   | 9    |
|  | { Total No.   |  |  |  | 90   | 88   | 68   | 67   |
| Results.   | { Thoroughly Repaired                                 |  |  |  | —    | 65   | 36   | 11   |
|  | { Closed  |  |  |  | 18   | 10   | 2    | 39   |
|  | { Demolished  |  |  |  | 12   | 10   | 22   | 22   |
|  | { No. under Repair                                    |  |  |  |      |      |      | 20   |
|  | { Under Consideration pending lapse of Notice         |  |  |  | 69   | 12   | 8    | —    |
| Houses represented to Council as unfit for Human Habitation. | By arrangement with Council without Statutory Notice. | { No. of Houses  |  |  | 61   | 35   | 35   | 11   |
|  |   | { Thoroughly repaired                                    |  |  | —    | 33   | 14   | —    |
|  |   | { Closed   |  |  | 12   | —    | —    | 11   |
|  |   | { Demolished   |  |  | 6    | —    | 21   | 7    |
|  | Closing Orders (Section 17)                           | { No. of Houses  |  |  | 46   | 12   | 24   | 47   |
|  |   | { No. of Orders  |  |  | 8    | 12   | 24   | 47   |
|  |   | { No. of Orders that became Operative                    |  |  | 8    | 12   | 24   | 47   |
|  |   | { No. of Notices served on Tenants                       |  |  | 11   | 11   | 14   | 32   |
|  |   | { No. of Tenants summoned for non-compliance with Notice |  |  | —    | 5    | —    | —    |
|  |   | { No. thoroughly repaired                                |  |  | —    | 2    | 22   | 7    |
|  |   | { No. of Closing Orders rescinded                        |  |  | —    | 3    | 22   | 8    |
|  |   | { No. Closed   |  |  | 6    | 10   | 14   | 20   |
|  |   | { No. Demolished   |  |  | 2    | —    | —    | 14   |
|  |   | { No. pending lapse of Notice                            |  |  | —    | 10   | 8    | 20   |
|  | Demolition Orders (Section 18)                        | { No. of Houses  |  |  | 4    | 19   | 1    | —    |
|  |   | { No. of Orders  |  |  | 2    | 4    | 1    | —    |
|  |   | { No. Demolished   |  |  | 4    | 10   | 1    | —    |
|  |   | { Pending lapse of Notice                                |  |  | —    | 1    | —    | —    |

TABLE VII.

SUMMARY OF NEW HOUSES BUILT, AND  
APPROXIMATE RENTS OF SAME.

| Year. | No. | Approximate Rent per week. |                              |                               |           |  |
|-------|-----|----------------------------|------------------------------|-------------------------------|-----------|--|
|       |     | 5/-<br>and under.          | Over 5/-<br>and under<br>7/- | Over 7/-<br>and under<br>10/- | Over 10/- |  |
| 1913  | 53  | —                          | 38                           | 8                             | 7         |  |

## INSPECTIONS OF FACTORIES AND WORKSHOPS.

There are 157 workshops, including 34 bakehouses, on the register. A detailed list of the trades carried on in the workshops is set out in Table XIII.

**Factories.**—During the year 16 notices were received from His Majesty's Inspector of Factories. In 13 cases the necessary work was carried out, and in the other three cases arrangements have been made for the work to be done.

**Workshops.**—These have been visited periodically, and the regulations respecting cleanliness, ventilation, etc., have been carried out.

**Homework.**—When lists have been received containing the names and addresses of homeworkers, the premises were inspected and found in order.

**Bakehouses.**—These have been visited from time to time, and were generally found in fair order.

Table XIII. gives the summary of the work carried out during the year in connection with Factories, Workshops, Laundries, Workplaces and Homework.

Table VIII. gives particulars of the nuisances occurring in factories and workshops, and the sanitary improvements effected.



TABLE VIII.

SANITARY IMPROVEMENTS CARRIED OUT TO FACTORIES  
AND WORKSHOPS.

| Defects.   | Sanitary Improvements effected.                                       |
|--|---|
| Sanitary Accommodation { Insufficient ...<br>Unsuitable or<br>Defective ...<br>Not separate for<br>sexes ... | Three W.C.'s provided.<br>Four W.C.'s provided.<br>One W.C. provided. |
| Insanitary Privy Closets ...   | Abolished.  |
| Unsatisfactory means of escape<br>for employes in case of fire ...   | Folding Iron Fire Escape provided.                                    |
| Insanitary Bakehouses ...  | Stairs removed, Ceiling match-boarded, cleansed and limewashed.       |
| Coal stored in Bakehouses ...  | Coal Store provided outside Bakehouses.                               |
| Dirty Bakehouses ...   | Cleansed and limewashed.  |
| Three dirty Workshops ...  | Cleansed and limewashed.  |

## INSPECTION OF CANAL BOATS.

Eight boats were inspected during the year. In respect to one no certificate was produced. In another no notification of change of master had been given, and one boat was dilapidated. Notices were served, and the matters complained of were remedied. Except for these contraventions, the condition of the boats was fair.

**Markets.**—The Markets have been held regularly and inspected during market hours. Several stall-holders were cautioned with respect to the inferior quality of the foods they had exposed for sale in the markets.

**Mortuary.**—The Mortuary has been kept in a clean and sanitary condition and in fair order. Nine bodies were removed to, and four post-mortems were made at, the Mortuary.

**School Sanitation.**—Periodical inspections of the sanitary conveniences at the Schools have been made. They have been kept comparatively clean and in fair order.

## PRIVATE AND PUBLIC URINALS AND SANITARY CONVENIENCES.

These were inspected at various times and generally found in fair condition. Many of those attached to the various public-houses should be re-modelled. The public conveniences have been kept in very clean and good order.

## CLEANSING AND THE REMOVAL OF NIGHT-SOIL AND HOUSE REFUSE.

Every effort has again been made to induce occupiers to keep their premises in a clean and sanitary condition. 171 whitewash brushes have been lent out. 176 gallons of liquid disinfectant and two tons of disinfectant powder were given away.

The work of the removal of nightsoil from privies, etc., dry refuse from ashpits, and the weekly removal of the contents of dust bins has been executed by the Contractor. The refuse is disposed of by means of seven tips, four of which are within a comparatively short distance of houses, and the other three in the more outlying parts of the town. Every effort is made to keep the surface of the tips in a clean condition, and free from offensive matter. Rag gatherers and others create a large amount of dust, and turn the light refuse on the top, when it blows about, in their search of saleable articles, which are readily disposed of at the marine stores. This class of person is becoming a daily nuisance and annoyance to the districts immediately adjacent to the tips.

Table IX. shows the number of applications received for the emptying of privies and ashpits, and the work done respecting the cleaning and the removal of refuse from privies, cisterns, dry ashpits, dust bins and dumbwells.

## SUMMARY OF THE WORK OF REMOVALS OF HOUSE REFUSE.

TABLE IX.

| Year. | No. of Applications for emptying of Privies and Ashpits. | No. of Receptacles emptied and cleansed. |             |               |          |             | No. of Loads of Refuse removed. |                       |                  |
|-------|--|--|-------------|---------------|----------|-------------|---------------------------------|-----------------------|------------------|
|       |  | Dust Bins.                               | Dry Ashpits | Privy M'dd'ns | Cist'rns | Dumb-wells. | Dry Ashes.                      | Night-soil and Ashes. | Iron Dumb-wells. |
| 193   | 2681   | 82,264                                   | 942         | 2,000         | 254      | 59          | 1870                            | 5123                  | 295              |



There have been 212 dust bins substituted for privy middens or dry ashpits, and 14 additional dust bins have been provided. There are now 1,700 dust bins on the list for weekly emptying—an increase of 118 during the year.

The dust bins are emptied in the day-time, and although their number is rapidly increasing, there is no corresponding diminution in the number of applications for the emptying of privies and ashpits, which shows that all receptacles are being emptied more often than hitherto, and the refuse is not allowed to accumulate to any large extent on the premises.

I am,

Mr. Mayor and Gentlemen,

Your obedient Servant,

HERBERT TOPPING, Assoc. Royal San. Inst.,

*Sanitary Inspector,*

*Certified Meat and Food Inspector.*

TABLE X.

|  |        |
|--|--------|
| House to House and Miscellaneous Inspections, and houses concerning which complaints have been received ...              | 3257   |
| Re-inspections ... ..  | 2082   |
| Visits to Slaughter-houses ... ..  | 497    |
| „ Shops, Butchers ... ..   | 225    |
| „ Shops, Fish, Game, and Poultry ... ..  | 109    |
| „ Dairies, Cowsheds, and Milkshops ... ..  | 88     |
| „ Common Lodging Houses ... ..   | 95     |
| „ Factories, Workshops and Bakehouses ... ..   | 119    |
| Canal Boats inspected ... ..   | 8      |
| Cases of Infectious Disease visited and reported upon ...  | 407    |
| <hr/>  |        |
| Total number of visits and inspections made ...  | 6897   |
| <hr/>  |        |
| Number of preliminary notices served ... ..  | 215    |
| „ statutory notices served ... ..  | 204    |
| „ letters written to owners <i>re</i> nuisances... ..  | 432    |
| Notices served under Housing of Working Classes Acts, 1890 and 1903, and Housing, Town Planning, etc., Acts, 1909 ... .. | 96     |
| Reports sent to Surveyor <i>re</i> dangerous buildings etc. ...  | 18     |
| „ Water Co. <i>re</i> waste of water ... ..  | 16     |
| Vans removed from district ... ..  | 3      |
| Number of houses disinfected ... ..  | 62     |
| Infected patients removed to Hospital ... ..   | 2      |
| Houses from which bedding was removed and disinfected ...  | 11     |
| Number of ashpits reported for emptying ... ..   | 2681   |
| „ privies, cisterns and ashpits emptied ... ..   | 3255   |
| „ dust bins emptied ... ..   | 82·264 |
| „ limewash brushes lent ... ..   | 171    |
| „ gallons of liquid disinfectant given away ... ..   | 176    |
| „ tons of disinfectant powder given away ... ..  | 2      |



TABLE XI.

NOTICES SERVED AND NUMBER OF HOUSES IN  
CONNECTION WITH NOTICES.

|   | Preliminary Notices. |                                    | Statutory Notices. |                                    |
|---|----------------------|------------------------------------|--------------------|------------------------------------|
|   | Notices served.      | Houses in connection with Notices. | Notices served.    | Houses in connection with Notices. |
| Filthy and dilapidated houses ... ..  | 10                   | 20                                 | 138                | 42                                 |
| Filthy and dilapidated outbuildings ...                                     | 4                    | 12                                 | 2                  | 5                                  |
| Defective paving and surface channels...                                    | 3                    | 25                                 | 1                  | 5                                  |
| Defective eaves and downspouting ...  | 2                    | 3                                  | 1                  | 1                                  |
| Insufficient drainage ... ..  | 8                    | 19                                 | 16                 | 25                                 |
| Foul, untrapped, or defective drainage...                                   | 4                    | 11                                 | 2                  | 3                                  |
| Choked drainage and water closets ...                                       | 27                   | 100                                | 4                  | 20                                 |
| Insufficient closet accommodation ...                                       | 1                    | 1                                  | 1                  | 1                                  |
| Insufficient accommodation for the storage<br>of ashes, etc. ... ..         | 8                    | 23                                 | 3                  | 12                                 |
| Foul, wet, open, and dilapidated privy-<br>middens ... ..                   | 45                   | 195                                | 29                 | 181                                |
| Defective water closet connections ...                                      | 9                    | 41                                 | 6                  | 25                                 |
| Fouling of sanitary conveniences used in<br>common ... ..                   | 31                   | 31                                 | 13                 | 13                                 |
| Overcrowded houses or rooms ... ..  | 29                   | 29                                 | 11                 | 11                                 |
| Animals improperly kept ... ..  | 1                    | 1                                  | 1                  | 1                                  |
| Offensive accumulations ... ..  | 3                    | 3                                  | 2                  | 2                                  |
| Water in Cellars ... ..   | 2                    | 3                                  | —                  | —                                  |
| Houses unfit for habitation ... ..  | 9                    | 48                                 | 87                 | 67                                 |
| Polluted wells ... ..   | 1                    | 1                                  | —                  | —                                  |
| Dangerous wells or cisterns ... ..  | 1                    | 1                                  | —                  | —                                  |
| Insufficient water supply... ..   | 1                    | 2                                  | —                  | —                                  |
| Dairies, cowsheds, and milkshops not<br>kept in accordance with regulations | 2                    | 2                                  | 8                  | 8                                  |
| Bakehouses not kept in conformity with Act                                  | 2                    | —                                  | 1                  | —                                  |
| Factories and workshops do. ...   | 9                    | —                                  | 8                  | —                                  |
| Common lodging houses do. ...   | 1                    | 1                                  | —                  | —                                  |
| Slaughter-houses ... ..   | 1                    | —                                  | —                  | —                                  |
| Miscellaneous ... ..  | 1                    | 3                                  | —                  | —                                  |
| Totals ... ..   | 215                  | 274                                | 204                | 414                                |

TABLE XII.

SANITARY IMPROVEMENTS CARRIED OUT IN DISTRICT  
IN PURSUANCE OF INSPECTIONS MADE AND  
NOTICES SERVED.

*Interior of Houses—*

|  |     |     |     |
|--|-----|-----|-----|
| Filthy houses cleansed and whitewashed   | ... | ... | 109 |
| Houses in which repairs to plastering, brickwork, or wood-<br>work have been carried out | ... | ... | 73  |
| Flooded cellars drained  | ... | ... | 4   |

*Exterior of Houses—*

|  |     |     |    |
|--|-----|-----|----|
| Defective roofs made watertight  | ... | ... | 5  |
| Houses without eaves, spouting, or with choked or defective<br>spouting—new spouting provided, or existing spouting<br>cleansed and repaired | ... | ... | 43 |
| Dangerous chimneys repaired...   | ... | ... | 4  |
| New earthenware sinks provided in lieu of old brick sinks  |     |     | 11 |

*Yards and Outbuildings—*

|  |     |    |
|--|-----|----|
| Surface paving in yards provided, renewed or repaired                | ... | 11 |
| Dangerous wells or cisterns filled in or suitable covers<br>provided | ... | 3  |
| Filthy and dilapidated outbuildings cleansed and repaired            |     | 22 |

*Drainage—*

|   |     |     |
|---|-----|-----|
| Absence of or insufficient drainage. Premises drained and<br>connectèd to sewer | ... | 5   |
| Surface channels abolished and stoneware pipe drains<br>provided                | ... | 48  |
| Defective drains relaid or repaired   | ... | 4   |
| Number of manhole inspection chambers provided to<br>drainage systems           | ... | 208 |
| Foul untrapped drains. Stoneware gully traps fixed                              | ... | 46  |
| Additional gullies fixed  | ... | 173 |
| Choked drains opened and cleansed   | ... | 31  |



*Privies, Water Closets, and Ashpits—*

|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| Privies abolished   | ... | ... | ... | ... | 277 |
| Middens abolished   | ... | ... | ... | ... | 145 |
| Water closets with flush cisterns substituted for privies             | ... |     |     |     | 228 |
| Closets rebuilt and converted into water closets                      | ... |     |     |     | 36  |
| Additional water closets provided                                     | ... | ... | ... |     | 2   |
| Fresh water closets substituted for waste water closets               | ... |     |     |     | 4   |
| Dilapidated privies and ashpits repaired, covered over and ventilated | ... | ... | ... | ... | 7   |
| Percolations of faecal matter from privies. Privies, etc., cemented   | ... | ... | ... | ... | 5   |
| Galvanised dust bins provided in lieu of ashpits                      | ... |     |     |     | 206 |
| Additional dust bins provided   | ... | ... | ... |     | 14  |
| Middens abolished and converted into dry ashpits                      | ... |     |     |     | 15  |
| Dry ashpits abolished   | ... | ... | ... | ... | 6   |
| Choked water closets opened and cleansed                              | ... |     |     |     | 31  |
| Defective W.C. connections made good...                               | ... | ... | ... |     | 8   |
| Insufficient supply of water to W.C's. Flush improved                 | ... |     |     |     | 1   |

*Water Supply—*

|  |     |     |     |     |    |
|--|-----|-----|-----|-----|----|
| Stand pipes abolished                    | ... | ... | ... | ... | 6  |
| Water taps fixed in houses or brewhouses | ... |     |     |     | 10 |

*Keeping of Animals and Offensive Accumulations—*

|  |     |     |  |  |   |
|--|-----|-----|--|--|---|
| Nuisances from the keeping of swine abated         | ... | ... |  |  | 3 |
| Offensive accumulations removed from premises      | ... |     |  |  | 2 |
| Fowls or other poultry kept so as to be a nuisance | ... |     |  |  | 3 |

*Overcrowding—*

|                                     |     |     |  |  |    |
|-------------------------------------|-----|-----|--|--|----|
| Houses overcrowded. Numbers reduced | ... | ... |  |  | 24 |
|-------------------------------------|-----|-----|--|--|----|

*Miscellaneous—*

|   |     |     |     |  |    |
|---|-----|-----|-----|--|----|
| Filthy yards and sanitary conveniences and approaches thereto cleansed by occupiers | ... | ... | ... |  | 17 |
|---|-----|-----|-----|--|----|

*Housing of the Working Classes Act—*

|  |     |     |     |     |    |
|--|-----|-----|-----|-----|----|
| Houses thoroughly repaired                   | ... | ... | ... | ... | 8  |
| Houses unfit for human habitation closed     | ... |     |     |     | 39 |
| Houses unfit for human habitation demolished | ... |     |     |     | 22 |
| Vans removed from district                   | ... | ... | ... | ... | 2  |

*Dairies and Cowsheds—*

|   |                       |   |
|---|-----------------------|---|
| Cowsheds provided with additional means of lighting   | ...                   | 2 |
| "                    "                    "                    "                    ventilation | ...                   | 2 |
| Cowsheds cleansed and limewashed  | ...      ...      ... | 2 |
| Dairy accommodation provided or improved  | ...      ...          | 4 |

*Factories and Workshops—*

|  |                       |   |
|--|-----------------------|---|
| Workshops or Workrooms cleansed                                | ...      ...      ... | 5 |
| Insufficient closet accommodation.      Water closets provided |                       | 4 |
| Water closets substituted for privies at factories or work-    |                       |   |
| shops ...      ...      ...      ...      ...      ...         |                       | 4 |
| Miscellaneous sanitary improvements                            | ...      ...      ... | 3 |
| In case of fire sufficient means of escape for employees       |                       |   |
| provided      ...      ...      ...      ...      ...          |                       | 1 |

---

1988

---



## TABLE XIII.

## BOROUGH OF WEDNESBURY.

Annual Report for the year ended 31st December, 1913, on the administration of the Factory and Workshop Act, 1901, in connection with Factories, Workshops, Laundries, Workplaces and Homework.

## 1. INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

| Premises.                    | Numbers of   |                  | Prosecutions. |
|------------------------------|--------------|------------------|---------------|
|                              | Inspections. | Written Notices. |               |
| Factories ... ..             | 119          | 20               |               |
| Workshops ... ..             |              |                  |               |
| Workplaces ... ..            |              |                  |               |
| Homeworkers' Premises ... .. | 4            |                  |               |
| Total ... ..                 | 123          | 20               |               |

## 2. DEFECTS FOUND.

| Particulars.  | Number of Defects. |           |                             | Prosecutions. |
|---|--------------------|-----------|-----------------------------|---------------|
|   | Found.             | Remedied. | Referred to H.M. Inspector. |               |
| <i>Nuisances under the Public Health Acts :—</i>                                |                    |           |                             |               |
| Want of cleanliness ... ..  | 3                  | 3         |                             |               |
| Want of ventilation ... ..  | 1                  | 1         |                             |               |
| Other nuisances ... ..  | 4                  | 4         |                             |               |
| Sanitary Accommodation ... ..   |                    |           |                             |               |
| Insufficient ... ..   | 2                  | 2         |                             |               |
| Unsuitability or defective ... ..   | 4                  | 3         |                             |               |
| Not separate for sexes ... ..   | 1                  | 1         |                             |               |
| <i>Offences under the Factory and Workshop Act :—</i>                           |                    |           |                             |               |
| Workshops not provided with satisfactory means of escape in case of fire ... .. | 3                  | 1         | 1                           |               |
| Breach of special sanitary requirements for bakehouses ..                       | 1                  | 1         |                             |               |
| Other Offences (excluding offences relating to outwork) see Table 5 (3) ... ..  |                    |           |                             |               |
| Total ... ..  | 19                 | 16        | 1                           |               |

TABLE XIII.—*Continued.*

## 3.—HOMEWORK.

| Nature of Work.                          | Outworkers' Lists, Section 107. |              |          |   |                              |   |   | Inspection of Outworkers' Premises. | Instances | Outwork in Unwholesome Premises, Sec. 18. |
|--|---------------------------------|--------------|----------|---|------------------------------|---|---|-------------------------------------|-----------|---|
|  | Lists received from employers.  |              |          | Addresses of Outworkers.                                    |                              |   |   |                                     |           |   |
|  | Twice in the year.              |              |          | Notices served on Occupiers as to keeping or sending lists. |                              |   |   |                                     |           |   |
|  | Lists.                          | Outworkers.  |          | Received from other Councils.                               | Forwarded to other Councils. |   |   |                                     |           |   |
|  |                                 | Contractors. | Workmen. |   |                              |   |   |                                     |           |   |
| Wearing Apparel—<br>(1) Making, etc. ... | 2                               | —            | 4        | —   | 1                            | 2 | 4 |                                     |           |   |
| Totals ...                               | 2                               | —            | 4        | —   | 1                            | 2 | 4 |                                     |           |   |



TABLE XIII.—Continued.

| 4.—REGISTERED WORKSHOPS.                          |     |     |             | 5.—OTHER MATTERS.   |             |
|---|-----|-----|-------------|---|-------------|
| Workshops on the Register at the end of the year. |     |     | Num<br>ber. | Class.  | Num<br>ber. |
| Bakers ...  | ... | ... | 34          | Matters notified to H. M. Inspector of Factories :  |             |
| Bags ...  | ... | ... | 1           | Failure to affix Abstracts of the Factory and Workshop Act ...  | —           |
| Boots and Shoes ...                               | ... | ... | 14          |   |             |
| Breezes ...                                       | ... | ... | 3           |   |             |
| Blacksmiths and Coachsmiths                       | ... | ... | 10          |   |             |
| Brushmaker ...                                    | ... | ... | 1           |   |             |
| Carpenters and Joiners ...                        | ... | ... | 6           | Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s.5) |             |
| Cabinet Makers ...                                | ... | ... | 2           |   |             |
| Clothiers and Tailors ...                         | ... | ... | 12          |   |             |
| Cycles ...  | ... | ... | 2           |   |             |
| Coopers ...                                       | ... | ... | 2           |   |             |
| Dressmakers ...                                   | ... | ... | 16          |   |             |
| Files ...   | ... | ... | 7           |   |             |
| Grease and Oil ...                                | ... | ... | 1           | Notified by H.M. Inspector  | 16          |
| Galvanising ...                                   | ... | ... | 1           |   |             |
| Gun Locks ...                                     | ... | ... | 7           | Reports (of action taken) sent to H.M. Inspector  | 13          |
| Laundry ...                                       | ... | ... | 1           |   |             |
| Millinery ...                                     | ... | ... | 9           |   |             |
| Maltster ...                                      | ... | ... | 1           |   |             |
| Mason ...   | ... | ... | 1           |   |             |
| Marine Store Dealer ...                           | ... | ... | 1           |   |             |
| Nut Makers ...                                    | ... | ... | 5           |   |             |
| Organ Builder ...                                 | ... | ... | 1           |   |             |
| Printers ...                                      | ... | ... | 2           |   |             |
| Packing Case Maker ...                            | ... | ... | 1           |   |             |
| Plumbers and Painters ...                         | ... | ... | 3           |   |             |
| Saddlery ...                                      | ... | ... | 2           |   |             |
| Silver Plate ...                                  | ... | ... | 1           |   |             |
| Stamper and Socket Filer ...                      | ... | ... | 1           |   |             |
| Stocking Knitting ...                             | ... | ... | 1           |   |             |
| Sugar Boiler ...                                  | ... | ... | 1           |   |             |
| Wheelwrights ...                                  | ... | ... | 6           |   |             |
| Total number of Workshops on Register ...         | ... | ... | 157         |   |             |

1914

(Signed,)

W. C. GARMAN, M.D.,

Medical Officer of Health.