

Annual report for the year 1918 on the sanitary condition and vital statistics of the Metropolitan Borough of Poplar, comprising the registration sub-districts of Poplar, Bromley and Bow.

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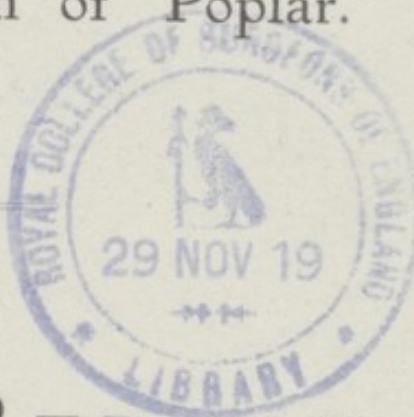
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Metropolitan Borough of Poplar.



ANNUAL REPORT

FOR THE

YEAR 1918,

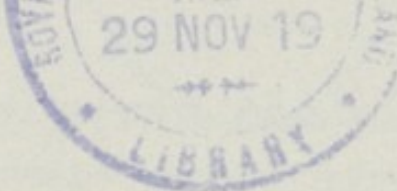
ON

The Sanitary Condition and Vital Statistics of the
Metropolitan Borough of Poplar, comprising the
Registration Sub-districts of POPLAR, BROMLEY
and BOW.

BY

FREDK. WM. ALEXANDER,

Medical Officer of Health.



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SUMMARY OF VITAL STATISTICS FOR 1918.

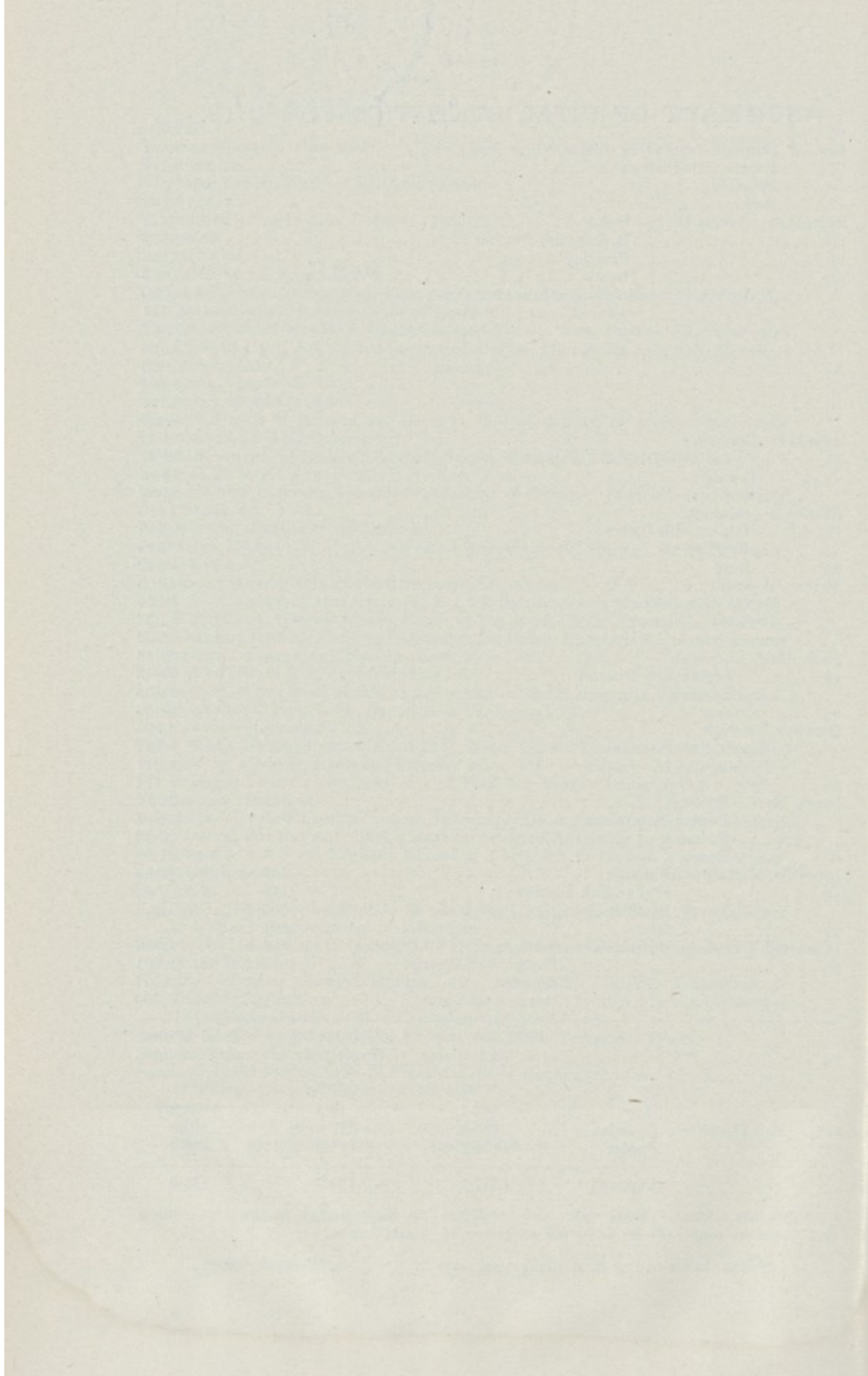
| | |
|---|----------------------|
| Area of Borough (excluding Water)* | 2,136 acres |
| " Poplar Sub-District | 1,004 " |
| " Bromley | 589 " |
| " Bow | 543 " |
| Population (Census 1911)—Borough | 162,442 |
| " Poplar Sub-District | 56,393 |
| " Bromley | 65,226 |
| " Bow | 40,823 |
| " **Estimated to Middle of 1918 —Borough | 139,530 |
| " Poplar Sub-District | 156,338 |
| " Bromley | 48,467 |
| " Bow | 54,306 |
| " **Estimated to Middle of 1918 —Borough | 55,865 |
| " Poplar Sub-District | 62,594 |
| " Bromley | 35,198 |
| " Bow | 39,438 |
| Density†—Borough | 65.32 |
| " Poplar Sub-District | 48.27 |
| " Bromley | 94.84 |
| " Bow | 64.82 |
| Marriages—Borough | 2,616 |
| " Poplar Sub-District | 1,256 |
| " Bromley | 858 |
| " Bow | 502 |
| Births—Borough | 3,203 |
| " Poplar Sub-District | 1,134 |
| " Bromley | 1,337 |
| " Bow | 732 |
| Birth Rate—Borough | 20.48 |
| " Poplar Sub-District | 20.88 |
| " Bromley | 21.35 |
| " Bow | 18.56 |
| Deaths—Borough | 3,178 |
| " Poplar Sub-District | 1,157 |
| " Bromley | 1,247 |
| " Bow | 774 |
| Death Rate—Borough | 22.77 |
| " Poplar Sub-District | 23.87 |
| " Bromley | 22.32 |
| " Bow | 21.98 |
| Infantile Mortality—Borough | 107 per 1,000 births |
| " Poplar Sub-District | 112 " |
| " Bromley | 106 " |
| " Bow | 101 " |
| Inhabited Houses (Census 1911)—Borough | 22,472 |
| " Poplar Sub-District | 8,201 |
| " Bromley | 8,721 |
| " Bow | 5,550 |


| | | *Land and Inland Water. | Inland Water only. | Tidal Water and Foreshore. |
|---------------|------------|----------------------------|-----------------------|-------------------------------|
| | | Acres. | Acres. | Acres. |
| Sub-Districts | Bow .. | 555.7 | 12.5 | 9.8 |
| | Bromley .. | 605.8 | 17.3 | 19.1 |
| | Poplar .. | 1166.2 | 161.9 | 296.9 |
| Borough .. | | 2327.7 | 191.7 | 325.8 |

The last column "tidal water and foreshore" is *not* included in the first column, and therefore must not be deducted to arrive at "land" area.

** See *italics* end of first paragraph, page 2.

† Without water.





Metropolitan Borough of Poplar

COMPRISING THE REGISTRATION SUB-DISTRICTS OF POPLAR, BROMLEY AND BOW.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

To the Mayor, Aldermen and Councillors of the Metropolitan Borough of Poplar.

SIR, MADAM AND GENTLEMEN,

In accordance with the "Sanitary Officers' (London) Order, 1891," of the Local Government Board, dated 8th December, 1891, I have the pleasure of submitting to you my twenty-sixth Annual Report, which deals with the year 1918. The reports of the Lady Health Visitors are appended, those of the Sanitary Inspectors have not been printed this year, but the work as far as possible is shown in tabulated form, pages 99-101.

VITAL STATISTICS.

The population of the Borough, calculated by the Registrar General is 139,530 for the death rate and 156,338 for the birth rate † :—

| London. | Poplar. | Bromley. | Bow. |
|----------------|-----------|-----------|--------|
| 3,954,554 † .. | 48,467 .. | 55,865 .. | 35,198 |
| 4,430,929 † .. | 54,306 .. | 62,594 .. | 39,438 |

being 59.95 per acre for the Borough of Poplar, 41.55 per acre in Poplar Sub-District, 92.21 in Bromley, and 63.33 in Bow.* These estimated populations are the figures used in calculating the various rates in the present Report for the year 1918.

* These figures are calculated upon the acreage of the district including the inland water area, not tidal and foreshore, but exclusive of area covered by water they are :— 65.32 per acre for the Borough of Poplar, 48.27 for the Sub-District of Poplar, 94.84 for the Sub-District of Bromley, and 64.82 for the Sub-District of Bow. County of London 60.0 (Census 1911).

† Based on the returns furnished under the National Registration Act, 1915 and under the scheme for rationing of sugar.

‡ See *italics* end of first paragraph, page 2.

The rates in Tables IV., V., VI. and VII., have been calculated upon revised estimated populations based upon the censuses of 1901 and 1911 with the exception of the populations for 1915–1917, which were calculated by the Registrar General on the returns furnished under the National Registration Act, 1915.

The following estimates of population have been adopted in the General Register Office, Somerset House, for the calculation of the death rate and birth rate of the Borough for the year 1918:

| | | | | |
|--------------------|----|----|----|---------|
| For the death rate | .. | .. | .. | 139,530 |
| „ „ birth „ | .. | .. | .. | 156,338 |

During the year 1918 births took place in institutions within the Borough as follows:—

| | <i>Males.</i> | <i>Females.</i> | <i>Total.</i> | <i>Remarks.</i> |
|---------------------------|---------------|-----------------|---------------|--|
| Poplar Union Workhouse | 29 | 14 | 43 | All Poplar Borough births except six males and five females. |
| Sick Asylum | 7 | 16 | 23 | All Poplar Borough births except five males and seven females. |
| Bromley House Institution | 1 | 3 | 4 | All Stepney births. |
| 31, Sturry Street .. | 0 | 2 | 2 | Not Poplar births. |

The number of births as per headings of Registrars' weekly returns was as follows:—

| | <i>Males.</i> | <i>Females.</i> | <i>Totals.</i> |
|------------|---------------|-----------------|----------------|
| Poplar .. | 523 | 501 | 1,024 |
| Bromley .. | 630 | 562 | 1,192 |
| Bow .. | 349 | 336 | 685 |
| Totals .. | 1,502 | 1,399 | 2,901 |

The corrected number of births with additions and subtractions is as follows:—*

| | <i>Males.</i> | <i>Females.</i> | <i>Totals.</i> |
|------------|---------------|-----------------|----------------|
| Poplar .. | 575 | 559 | 1,134 |
| Bromley .. | 710 | 627 | 1,337 |
| Bow .. | 378 | 354 | 732 |
| Totals† .. | 1,663 | 1,540 | 3,203 |

* See page 3.

† See page 4, Transferable Births.

| Particulars. | Males | Females. | Totals. | |
|---|-------|----------|---------|----|
| *POPLAR (SUB-DISTRICT). | | | | |
| Registrar's Weekly Returns | 523 | 501 | 1,024 | |
| <i>Births occurring outside the Sub-District of persons belonging thereto :—</i> | | | | |
| Mothers' Home, Commercial Road | 51 | 53 | 138 | |
| London Hospital | 1 | 2 | | |
| Salvation Army Maternity Hospital | 3 | 1 | | |
| Maternity Home, Plaistow | 2 | 0 | | |
| City of London Lying-in Hospital | 4 | 0 | | |
| Whitechapel Infirmary | 0 | 1 | | |
| Stepney (Underwood Street) | 1 | 1 | | |
| Sick Asylum | 0 | 2 | | |
| Colney Hatch Asylum | 0 | 2 | | |
| St. Pancras Maternity Hospital | 0 | 1 | | |
| Paddington Workhouse | 1 | 0 | | |
| Outlying Districts | 6 | 6 | | |
| <i>Births occurring within the Sub-District of persons not belonging thereto :—</i> | | | | |
| Poplar Union { Bromley | 7 | 3 | | 28 |
| Workhouse { Bow | 4 | 1 | | |
| { Others | 6 | 5 | | |
| 31, Sturry Street | 0 | 2 | | |
| Births, nett | 575 | 559 | 1,134 | |

BROMLEY.

| | | | |
|---|-----|-----|-------|
| Registrar's Weekly Returns | 630 | 562 | 1,192 |
| <i>Births occurring outside the Sub-District of persons belonging thereto :—</i> | | | |
| Mothers' Home, Commercial Road .. | 55 | 61 | 164 |
| Poplar Union Workhouse | 7 | 3 | |
| City of London Lying-In Hospital .. | 2 | 7 | |
| London Hospital | 6 | 2 | |
| St. Bart.'s Hospital | 2 | 0 | |
| Salvation Army Hospital | 1 | 1 | |
| Queen Charlotte's Hospital | 1 | 3 | |
| East End Emergency Ward | 1 | 0 | |
| University College Hospital | 0 | 1 | |
| Maternity Home, Plaistow | 3 | 0 | |
| Steyning Workhouse | 1 | 0 | |
| Middlesex Hospital | 1 | 0 | |
| Outlying Districts | 6 | 0 | |
| <i>Births occurring within the Sub-District of persons not belonging thereto :—</i> | | | |
| Sick Asylum | 5 | 10 | 13 |
| Bromley House Institution | 1 | 3 | |
| Births, nett | 710 | 627 | 1,337 |

Bow.

| | | | | |
|--|-----|-----|-----|-----|
| Registrar's Weekly Returns | 349 | 336 | 685 | |
| <i>Births occurring outside the Sub-District of persons belonging thereto :—</i> | | | | |
| Mothers' Home, Commercial Road .. | 9 | 2 | 47 | |
| Poplar Union Workhouse | 4 | 1 | | |
| Sick Asylum | 0 | 1 | | |
| London Hospital | 6 | 1 | | |
| City of London Lying-in Hospital .. | 4 | 9 | | |
| Stepney (Underwood Street) | 0 | 1 | | |
| Salvation Army Hospital, Hackney | 2 | 1 | | |
| Queen Charlotte's Hospital | 1 | 0 | | |
| Outlying Districts | 3 | 2 | | |
| Births, nett | 378 | 354 | | 732 |

Transferable Births Registered during the year 1918.

At the beginning of the year 1919 the Registrar-General afforded the following information for the year ended 31st December, 1918 :—

| | Inward Transfers. | Outward Transfers. |
|-----------------------|----------------------|-----------------------|
| Legitimate—Males .. | 154 | 10 |
| Females .. | 141 | 9 |
| Illegitimate—Males .. | 10 | 7 |
| Females .. | 8 | 7 |
| Total—Males .. | 164 | 17 |
| Females .. | 149 | 16 |

The corrected total births for the Borough, according to the Registrar General, is :—

| Males. | Females. | Total. |
|--------|----------|--------|
| 1,682 | 1,557 | 3,239 |

giving a rate of 20·71 per 1,000 inhabitants.

The number of illegitimate births belonging to the Borough, according to the Registrar General, is :—

| Males. | Females. | Total. |
|--------|----------|--------|
| 39 | 39 | 78 |

The annual birth rate per 1,000 living being :—

| | Poplar. | Bromley. | Bow. | Borough of Poplar. | County of London. |
|---------|---------|----------|-------|-----------------------|----------------------|
| 1914 .. | 30·19 | 33·99 | 29·15 | 31·45 | 24·3 |
| 1915 .. | 29·55 | 31·84 | 27·67 | 29·99 | 22·6 |
| 1916 .. | 26·86 | 27·97 | 25·32 | 26·92 | 21·5 |
| 1917 .. | 23·40 | 23·94 | 21·49 | 23·13 | 17·5 |
| 1918 .. | 20·88 | 21·35 | 18·56 | 20·48 | 16·1* |

MARRIAGES.

During the year the marriages of 2,616 persons were registered in the Borough, giving an annual rate of 16·73 per 1,000 of the estimated population, the rate for England and Wales being 15·3, and for London 19·4.

* The rate in England and Wales in 1918 was 17·7 per 1,000 of the estimated population, and the lowest on record.

The annual marriage rate per 1,000 living being :—

| | Borough of | | | County of | |
|---------|------------|----------|----------|-----------|---------|
| | Poplar. | Bromley. | Bow. | Poplar. | London. |
| 1914 .. | 23·30 .. | 17·39 .. | 13·85 .. | 18·55 .. | 19·1 .. |
| 1915 .. | 34·86 .. | 24·55 .. | 22·17 .. | 27·53 .. | 25·7 .. |
| 1916 .. | 22·11 .. | 15·62 .. | 13·60 .. | 17·37 .. | 19·0 .. |
| 1917 .. | 19·55 .. | 13·93 .. | 11·45 .. | 15·25 .. | 17·5 .. |
| 1918 .. | 23·12 .. | 13·70 .. | 12·72 .. | 16·73 .. | 19·4 .. |

DEATHS.

In the 52 weeks 3,526 deaths were registered in the Borough of Poplar, 680 deaths having occurred in the Sub-District of Poplar, 2,431 in Bromley, and 415 in Bow ; from the 680 deaths which took place in Poplar there must be deducted 42 deaths of non-residents, and to the remainder must be added 519 deaths which occurred in outlying institutions, making a total of 1,157 deaths of Poplar parishioners. Treating the 2,431 registered deaths in Bromley in a similar manner, viz., deducting 1,397 deaths of non-parishioners and adding 213 deaths in outlying institutions, the deaths to be assigned to this sub-district will be found to be 1,247. From the 415 Bow deaths, there must be deducted 2 non-residents and added 361 deaths in outlying institutions, making a total of 774 deaths.

In dealing separately with the sub-districts as above, it will be seen by referring to Tables I., II., and III., that in considering the deaths of non-residents and those from outlying institutions, certain additions and deductions from the sub-districts have to be made in respect of themselves, but when considering the Borough as a whole, then from the 3,526 deaths which were registered there must be deducted 896 deaths of actual non-residents, and 548 deaths in institutions entirely outlying must be added, making a total for the Borough of 3,178 upon which the death rate is calculated.

The 1,157 deaths in Poplar included 11 illegitimate children, 9 male and 2 female ; the 1,247 deaths in Bromley included 5 illegitimate children, 4 male and 1 female ; the 774 Bow deaths included 5 illegitimate children, 3 male and 2 female, making a total for the Borough of 21 deaths of illegitimate children.

| | <i>Males.</i> | <i>Females.</i> | <i>Totals.</i> |
|------------|---------------|-----------------|----------------|
| Poplar .. | 631 .. | 526 .. | 1,157 |
| Bromley .. | 618 .. | 629 .. | 1,247 |
| Bow .. | 419 .. | 355 .. | 774 |
| Totals .. | 1,668 .. | 1,510 .. | 3,178 |

The male births in the Borough exceeded those of the female by 123, and the male deaths exceeded those of the female by 158 which makes a gain of 35 females.

The following figures are the death rates per 1,000 living for the past 5 years (see page 2):—

| | Poplar. | Bromley. | Bow. | Borough of Poplar. | County of London. |
|---------|---------|----------|-------|--------------------|-------------------|
| 1914 .. | 17.29 | 17.46 | 16.88 | 17.25 | 14.4 |
| 1915 .. | 21.50 | 18.46 | 18.69 | 19.57 | 16.1 |
| 1916 .. | 17.07 | 15.91 | 15.77 | 16.27 | 14.3 |
| 1917 .. | 18.36 | 16.76 | 14.89 | 16.84 | 15.0 |
| 1918 .. | 23.87 | 22.32 | 21.98 | 22.77 | 18.9 |

It should be borne in mind that, in studying death rates, comparison should be made with those of districts the inhabitants of which exist under similar conditions. See Table XVII., page 43, East Districts.

ZYMOTIC DISEASES.

Measles, scarlet fever, pertussis, diphtheria and membranous croup, fever, diarrhœa and enteritis.

Death rates per 1,000 living.

| | Poplar. | Bromley. | Bow. | Borough of Poplar. |
|---------|---------|----------|------|--------------------|
| 1914 .. | 1.61 | 2.25 | 2.56 | 2.10 |
| 1915 .. | 3.39 | 2.09 | 2.43 | 2.63 |
| 1916 .. | 1.52 | 1.52 | 1.55 | 1.53 |
| 1917 .. | 1.64 | 2.07 | 1.43 | 1.76 |
| 1918 .. | 2.08 | 2.30 | 2.13 | 2.18 |

Proportion of deaths to 1,000 deaths from all causes.

| | Poplar. | Bromley. | Bow. | Borough of Poplar. |
|---------|---------|----------|--------|--------------------|
| 1914 .. | 93.16 | 128.88 | 151.82 | 122.11 |
| 1915 .. | 157.66 | 113.41 | 130.25 | 134.35 |
| 1916 .. | 89.13 | 95.15 | 98.86 | 94.25 |
| 1917 .. | 89.61 | 123.57 | 96.47 | 104.67 |
| 1918 .. | 87.29 | 103.44 | 96.89 | 95.97 |

RESPIRATORY DISEASES.

Bronchitis, pneumonia (all forms) and other diseases of respiratory organs.

Death rates per 1,000 living.

| | | Poplar. | | Bromley. | | Bow. | | Borough of Poplar |
|------|----|---------|----|----------|----|------|----|----------------------|
| 1914 | .. | 3.49 | .. | 3.58 | .. | 3.15 | .. | 3.44 |
| 1915 | .. | 4.66 | .. | 5.05 | .. | 3.72 | .. | 4.58 |
| 1916 | .. | 3.47 | .. | 3.49 | .. | 3.78 | .. | 3.55 |
| 1917 | .. | 3.63 | .. | 4.33 | .. | 3.12 | .. | 3.78 |
| 1918 | .. | 5.05 | .. | 4.99 | .. | 4.26 | .. | 4.83 |

Proportion of deaths to 1,000 deaths from all causes.

| | | Poplar. | | Bromley. | | Bow. | | Borough of Poplar. |
|------|----|---------|----|----------|----|--------|----|-----------------------|
| 1914 | .. | 201.86 | .. | 205.33 | .. | 186.86 | .. | 199.56 |
| 1915 | .. | 216.79 | .. | 273.59 | .. | 199.45 | .. | 234.06 |
| 1916 | .. | 203.26 | .. | 219.62 | .. | 239.86 | .. | 218.61 |
| 1917 | .. | 197.81 | .. | 258.56 | .. | 209.64 | .. | 224.65 |
| 1918 | .. | 211.75 | .. | 223.73 | .. | 193.79 | .. | 212.08 |

INFANT MORTALITY.*

INFANTILE MORTALITY ; NOTIFICATION OF BIRTHS ACT, 1907.

INFANTILE MORTALITY.

There were 128 deaths of children under one year of age belonging to Poplar, 142 deaths under one year of age belonging to Bromley, and 74 deaths under one year of age belonging to Bow, making a total for the Borough of 344.† The death rates of children under one year per 1,000 births for the past 11 years being :—

| | Borough of | | County of | | |
|---------|------------|----------|-----------|----------|---------|
| | Poplar. | Bromley. | Bow. | Poplar. | London. |
| 1908 .. | 118·49 | 126·50 | 119·36 | 123·83 | 113 |
| 1909 .. | 128·92 | 132·86 | 128·32 | 130·40 | 108 |
| 1910 .. | 114·79 | 119·81 | 125·31 | 119·38 | 103 |
| 1911 .. | 157·02 | 158·02 | 161·42 | 158·50 | 129 |
| 1912 .. | 119·59 | 103·83 | 101·07 | 108·40 | 90 |
| 1913 .. | 107·97 | 117·56 | 112·11 | 112·90 | 105 |
| 1914 .. | 108·47 | 118·31 | 127·64 | 117·21 | 104 |
| 1915 .. | 137·78 | 120·98 | 152·15 | 133·98 | 112 |
| 1916 .. | 104·12 | 111·11 | 90·90 | 103·89 | 89 |
| 1917 .. | 94·61 | 97·19 | 92·27 | 95·13 | 103 |
| 1918 .. | 112·87 | 106·20 | 101·09 | 167·39** | 107 |

*For Tables of Infantile Mortality, see Tables XIII., XIV., XV. and XVI., pages.

† The 344 deaths of infants under one year of age include deaths in outlying institutions and allow for deductions of non-residents.

** See Health Visitor's Report (page 104). Mortality rate among infants visited was 79·2 per 1,000. The infants visited are for the most part in the poorest portions of the Borough, and the rate refers to those born in 1917. In 1910 and 1911 the rates were 105·69 and 115·62, because diarrhœa was prevalent in 1911.

The infantile mortality rate is based on *deaths* occurring in any one year and births occurring in that and the preceding year. The rate of mortality amongst infants visited by Health Visitors is calculated upon *births* occurring in one particular year and deaths in that and the following year. The children born in 1910 and dying during 1910-11 are shown in the rate for 1910, so that the diarrhœa months June, July, August and September of 1911 affected not only the children born in 1911, but also those born in 1910 who had not yet reached one year of age, hence the higher rates amongst infants visited during the two years 1910 and 1911.

| | | |
|------------|---|--------|
| 1908 | Mortality rates amongst infants visited | 104·19 |
| 1909 | " " | 98·75 |
| 1910 | " " | 105·69 |
| 1911 | " " | 115·62 |
| 1912 | " " | 90·10 |
| 1913 | " " | 83·20 |
| 1914 | " " | 117·00 |
| 1915 | " " | 98·20 |
| 1916 | " " | 78·07 |
| 1917 | " " | 79·2 |

NOTIFICATION OF BIRTHS ACT, 1907.

During the year 2,856 notifications were received under the Notification of Births Act, 1907.

OPHTHALMIA NEONATORUM.

NOTIFICATIONS OF OPTHALMIA NEONATORUM.

Forty cases of Ophthalmia Neonatorum were notified during the year—23, Poplar; 8, Bromley; and 9, Bow.

SUMMARY.

| District. | Notifications. (1.) | Actual Cases. (2.) | Midwives' Notifications.† (3.) | Notified by Midwives only. (4.) |
|--------------|------------------------|-----------------------|--------------------------------------|--|
| Poplar ... | 37 | 23 | 9 | 2 |
| Bromley ... | 14 | 8 | 3 | 1 |
| Bow ... | 9 | 9 | 0 | 0 |
| Grand Totals | 60 | 40 | 12 | 3* |

* Included in Cols. 1, 2 and 3.

† Also notified by medical men.

AGE MORTALITY.

The number of deaths from one year to 65 years of age was 741 for Poplar, 823 for Bromley, and for Bow 494, making a total for the Borough of Poplar of 2,058. The annual death rates per 1,000 living for the past 5 years being:—

| | Poplar. | Bromley. | Bow. | Borough of Poplar |
|---------|---------|----------|-------|----------------------|
| 1914 .. | 9.50 | 9.56 | 9.39 | 9.50 |
| 1915 .. | 12.12 | 9.99 | 9.74 | 10.66 |
| 1916 .. | 9.98 | 8.88 | 8.23 | 9.10 |
| 1917 .. | 11.05 | 9.68 | 8.73 | 9.92 |
| 1918 .. | 15.28 | 14.73 | 14.03 | 14.74 |

The number of deaths over 65 years was 288 for Poplar, 282 for Bromley, and 206 for Bow, making a total of 776 for the whole Borough. The annual death rates per 1,000 living for the past 5 years being:—

| | | | | Borough of |
|------|---------|----------|------|------------|
| | Poplar. | Bromley. | Bow. | Poplar. |
| 1914 | 4.51 | 3.88 | 3.77 | 4.07 |
| 1915 | 5.30 | 4.61 | 4.74 | 4.88 |
| 1916 | 4.04 | 3.63 | 5.03 | 4.13 |
| 1917 | 4.83 | 4.49 | 3.95 | 4.47 |
| 1918 | 5.94 | 5.04 | 5.85 | 5.56 |

TUBERCULAR DISEASES.*

(Deaths at all ages.)

| | | | | Borough of |
|------|---------|----------|------|------------|
| | Poplar. | Bromley. | Bow. | Poplar. |
| 1914 | 132 | 134 | 80 | 346 |
| 1915 | 131 | 123 | 74 | 328 |
| 1916 | 138 | 120 | 68 | 326 |
| 1917 | 138 | 126 | 73 | 337 |
| 1918 | 140 | 127 | 89 | 356 |

* Including phthisis.

Death rates per 1,000 persons living.

| | | | | Borough of |
|------|---------|----------|------|------------|
| | Poplar. | Bromley. | Bow. | Poplar. |
| 1914 | 2.36 | 2.08 | 1.97 | 2.15 |
| 1915 | 2.41 | 1.96 | 1.87 | 2.09 |
| 1916 | 2.56 | 1.93 | 1.73 | 2.10 |
| 1917 | 2.76 | 2.19 | 2.01 | 2.34 |
| 1918 | 2.88 | 2.27 | 2.52 | 2.55 |

Proportion of deaths to 1,000 deaths from all causes.

| | | | | Borough of |
|------|---------|----------|--------|------------|
| | Poplar. | Bromley. | Bow. | Poplar. |
| 1914 | 136.64 | 119.11 | 116.78 | 124.63 |
| 1915 | 112.25 | 106.49 | 100.40 | 107.22 |
| 1916 | 150.00 | 121.45 | 110.21 | 129.10 |
| 1917 | 150.81 | 130.84 | 135.43 | 138.60 |
| 1918 | 121.00 | 101.84 | 114.98 | 112.02 |

PHTHISIS.*Deaths (all ages).*

| | | Poplar. | | Bromley. | | Bow. | | Borough of Poplar. |
|------|----|---------|----|----------|----|------|----|-----------------------|
| 1914 | .. | 111 | .. | 114 | .. | 65 | .. | 290 |
| 1915 | .. | 102 | .. | 104 | .. | 63 | .. | 269 |
| 1916 | .. | 96 | .. | 97 | .. | 59 | .. | 252 |
| 1917 | .. | 113 | .. | 100 | .. | 63 | .. | 256 |
| 1918 | .. | 112 | .. | 112 | .. | 74 | .. | 298 |

PREVENTION OF CONSUMPTION.**PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS,
1912.****TREATMENT OF TUBERCULOSIS.**

NOTIFICATIONS ; SUMMARIES OF NOTIFICATIONS RECEIVED ; NUMBER OF NOTIFICATIONS ON FORM "D" ; LIST OF NON-PULMONARY CASES ; ACTUAL NUMBER OF CASES ON REGISTER, END OF YEAR 1918 ; BACTERIOLOGICAL EXAMINATIONS ; THE BOROUGH OF POPLAR DISPENSARY FOR THE PREVENTION OF CONSUMPTION ; DEATHS, TUBERCULAR DISEASES AND PHTHISIS—NUMBERS AND RATES, SEE PAGES 10 AND 11 ; DISINFECTION OF ROOMS AND ARTICLES, SEE PAGE 52.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 31st December, 1917, to the 28th December, 1918, in

POPLAR (WHOLE BOROUGH).

| Age Periods | Notifications on Form A. | | | | | | | | | | | | Notifications on Form B. | | | | Number of Notifications on Form C. | | | | | |
|----------------|----------------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|-----------------|--------------------------------|----------------------------------|---------|---------|--------------------------------|------------------------------------|------------|----------|-----------------------------|--|--|
| | Number of Primary Notifications. | | | | | | | | | | | Total Notifications on Form A. | Number of Primary Notifications. | | | Total Notifications on Form B. | Poor Law Institutions. | Sanatoria. | | | | |
| | 0 to 1 | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 and upwards. | | Total Primary Notifications | Under 5 | 5 to 10 | | | | 10 to 15 | Total Primary Notifications | | |
| Pulmonary— | | | | | | | | | | | | | | | | | | | | | | |
| Males ... | 2 | 11 | 27 | 14 | 25 | 29 | 76 | 85 | 52 | 16 | 2 | 339 | 470 | — | 3 | — | 3 | 5 | 45 | 78 | | |
| Females ... | 5 | 21 | 25 | 22 | 19 | 22 | 67 | 57 | 30 | 8 | 5 | 281 | 337 | — | 1 | 1 | 2 | 5 | 26 | 37 | | |
| Non-Pulmonary— | | | | | | | | | | | | | | | | | | | | | | |
| Males ... | 4 | 30 | 45 | 22 | 4 | — | 4 | 1 | — | 1 | — | 111 | 133 | — | 4 | 2 | 6 | 11 | 8 | 2 | | |
| Females ... | 2 | 21 | 30 | 22 | 7 | 5 | 7 | 5 | — | — | 1 | 100 | 118 | — | 4 | 4 | 8 | 14 | 4 | 3 | | |
| Totals ... | 13 | 83 | 127 | 80 | 55 | 56 | 154 | 148 | 82 | 25 | 8 | 831 | 1058 | — | 12 | 7 | 19 | 35 | 83 | 120 | | |

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 31st December, 1917, to the 28th December, 1918, in

POPLAR (SUB-DISTRICT).

| Age Periods. | Notifications on Form A. | | | | | | | | | | | | Notifications on Form B. | | | | Number of Notifications on Form C. | | | | |
|----------------|----------------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|-----------------|--------------------------------|----------------------------------|---------|---------|--------------------------------|------------------------------------|------------|----------|-----------------------------|----|
| | Number of Primary Notifications. | | | | | | | | | | | Total Notifications on Form A. | Number of Primary Notifications. | | | Total Notifications on Form B. | Poor Law Institutions. | Sanatoria. | | | |
| | 0 to 1 | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 and upwards. | | Total Primary Notifications | Under 5 | 5 to 10 | | | | 10 to 15 | Total Primary Notifications | |
| Pulmonary— | | | | | | | | | | | | | | | | | | | | | |
| Males | — | 5 | 9 | 5 | 8 | 14 | 22 | 28 | 22 | 8 | 2 | 123 | 168 | — | — | — | — | — | — | 8 | 29 |
| Females | 2 | 8 | 8 | 6 | 6 | 11 | 25 | 18 | 10 | 2 | — | 96 | 110 | — | 1 | 1 | 2 | 4 | 11 | 9 | |
| Non-Pulmonary— | | | | | | | | | | | | | | | | | | | | | |
| Males | 3 | 9 | 20 | 5 | 1 | — | 2 | — | — | — | — | 40 | 45 | — | 3 | 1 | 4 | 8 | 3 | 1 | |
| Females | — | 7 | 9 | 11 | 1 | 4 | 3 | 3 | — | — | 1 | 39 | 46 | — | 3 | 1 | 4 | 8 | 1 | 1 | |
| Totals | 5 | 29 | 46 | 27 | 16 | 29 | 52 | 49 | 32 | 10 | 3 | 298 | 369 | — | 7 | 3 | 10 | 20 | 23 | 40 | |

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B 2

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 31st December, 1917, to the 28th December, 1918, in

BROMLEY (SUB-DISTRICT).

| Age Periods. | Notifications on Form A. | | | | | | | | | | | | Notifications on Form B. | | | | Number of Notifications on Form C. | | | | | |
|----------------|----------------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|-----------------|--------------------------------|----------------------------------|---------|---------|--------------------------------|------------------------------------|------------|----------|-----------------------------|--|--|
| | Number of Primary Notifications. | | | | | | | | | | | Total Notifications on Form A. | Number of Primary Notifications. | | | Total Notifications on Form B. | Poor Law Institutions. | Sanatoria. | | | | |
| | 0 to 1 | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 and upwards. | | Total Primary Notifications | Under 5 | 5 to 10 | | | | 10 to 15 | Total Primary Notifications | | |
| Pulmonary— | | | | | | | | | | | | | | | | | | | | | | |
| Males ... | 2 | 5 | 12 | 4 | 10 | 8 | 36 | 27 | 17 | 3 | — | 124 | 170 | — | 3 | — | 3 | 4 | 14 | 24 | | |
| Females ... | 2 | 11 | 10 | 12 | 9 | 7 | 23 | 19 | 11 | 3 | 4 | 111 | 132 | — | — | — | — | — | 11 | 16 | | |
| Non-Pulmonary— | | | | | | | | | | | | | | | | | | | | | | |
| Males ... | — | 14 | 16 | 8 | 3 | — | 2 | 1 | — | — | — | 44 | 56 | — | — | 1 | 1 | 1 | 2 | 1 | | |
| Females ... | 1 | 9 | 14 | 8 | 2 | — | 4 | 1 | — | — | — | 39 | 46 | — | — | 2 | 2 | 3 | 1 | 1 | | |
| Totals ... | 5 | 39 | 52 | 32 | 24 | 15 | 65 | 43 | 28 | 6 | 4 | 318 | 404 | — | 3 | 3 | 6 | 8 | 28 | 42 | | |

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 31st December, 1917, to the 28th December, 1918, in

BOW (SUR-DISTRICT)

| Age Periods. | Notifications on Form A. | | | | | | | | | | | | | Notifications on Form B. | | | | Number of Notifications on Form C. | | | | | |
|----------------|----------------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|-----------------|-----------------------------|--------------------------------|----------------------------------|---------|----------|--------------------------------|------------------------------------|------------|-----------------------------|----|--|--|
| | Number of Primary Notifications. | | | | | | | | | | | | Total Notifications on Form A. | Number of Primary Notifications. | | | Total Notifications on Form B. | Poor Law Institutions. | Sanatoria. | | | | |
| | 0 to 1 | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 and upwards. | Total Primary Notifications | | Under 5 | 5 to 10 | 10 to 15 | | | | Total Primary Notifications | | | |
| Pulmonary— | | | | | | | | | | | | | | | | | | | | | | | |
| Males ... | — | 1 | 6 | 5 | 7 | 7 | 18 | 30 | 13 | 5 | — | 92 | 132 | — | — | — | — | — | — | 23 | 25 | | |
| Females ... | 1 | 2 | 7 | 4 | 4 | 4 | 19 | 20 | 9 | 3 | 1 | 74 | 95 | — | — | — | — | 1 | 4 | 12 | | | |
| Non-Pulmonary— | | | | | | | | | | | | | | | | | | | | | | | |
| Males ... | 1 | 7 | 9 | 9 | — | — | — | — | — | 1 | — | 27 | 32 | — | 1 | — | 1 | 2 | 3 | — | | | |
| Females ... | 1 | 5 | 7 | 3 | 4 | 1 | — | 1 | — | — | — | 22 | 26 | — | 1 | 1 | 2 | 4 | 2 | 1 | | | |
| Totals ... | 3 | 15 | 29 | 21 | 15 | 12 | 37 | 51 | 22 | 9 | 1 | 215 | 285 | — | 2 | 1 | 3 | 7 | 32 | 38 | | | |

NUMBER OF NOTIFICATIONS ON FORM D. (CASES DISCHARGED FROM
POOR LAW INSTITUTIONS AND SANATORIA.)

| | | Poplar. | Bromley. | Bow. | Totals. |
|--------------------------|-------------------|-----------------------------|----------|------|---------|
| Poor Law Institutions | Pulmonary | M. .. 4 .. 11 .. 10 .. 25 | | | |
| | | F. .. 8 .. 6 .. 3 .. 17 | | | |
| | Non- Pulmonary | M. .. 2 .. 2 .. 2 .. 6 | | | |
| | | F. .. 5 .. 1 .. 1 .. 7 | | | |
| Sanatoria .. | Pulmonary | M. .. 37 .. 29 .. 26 .. 92 | | | |
| | | F. .. 7 .. 12 .. 13 .. 32 | | | |
| | Non- Pulmonary | M. .. — .. 1 .. — .. 1 | | | |
| | | F. .. — .. 4 .. 1 .. 5 | | | |
| Totals .. | Pulmonary | M. .. 41 .. 40 .. 36 .. 117 | | | |
| | | F. .. 15 .. 18 .. 16 .. 49 | | | |
| | Non- Pulmonary | M. .. 2 .. 3 .. 2 .. 7 | | | |
| | | F. .. 5 .. 5 .. 2 .. 12 | | | |

LIST OF NON-PULMONARY CASES (FOR BOROUGH).

| | Form A. | Form B |
|---|---------|--------|
| Bones and Joints :— | | |
| Arms, legs, etc. | 5 | — |
| Elbow | 3 | — |
| Hip | 10 | 3 |
| Joints | 2 | 1 |
| Knee | 4 | 1 |
| Rib | 2 | 1 |
| Shoulder | — | 1 |
| Spine | 7 | 1 |
| Tarsus | 1 | — |
| Throat | 1 | — |
| Wrist | 1 | — |
| Glands :— | | |
| Cervical | 8 | — |
| Lymphatic | 2 | — |
| Mesentery | 1 | — |
| Neck | 104 | 1 |
| Oscheal | 1 | — |
| Others (location not specified) | 4 | 2 |

| | Form A. | Form B |
|--------------------|---------|--------|
| Various :— | | |
| Abdomen | 3 | — |
| Bladder | 1 | — |
| Bowels | 1 | — |
| Brain | 3 | — |
| Dactylitis | 1 | — |
| Enteritis | 2 | — |
| Hilus | 2 | — |
| Intestines | 1 | — |
| Larynx | 1 | — |
| Meninges | 23 | — |
| Peritoneum | 8 | — |
| Pleura | 4 | — |
| Skin | 3 | 3 |
| Testicle | 2 | — |

ACTUAL NUMBER OF CASES ON REGISTER.

| | | |
|---|-------|-------------|
| Number of cases on Register at beginning of year 1918 | 3,176 | |
| Add New cases during year | 831 | |
| | <hr/> | 4,007 |
| Deduct :— | | |
| Died (notified cases).. .. . | 288 | |
| Removed, etc. | 28 | |
| Arrested or cured | 64 | |
| | <hr/> | 380 |
| Number of cases on Register beginning of 1919 .. | | <hr/> 3,627 |

BACTERIOLOGICAL EXAMINATIONS.

During the year ended 31st December, 1918, 122 samples of sputum were bacteriologically examined free of cost at the Borough of Poplar Dispensary for the Prevention of Consumption. The Tubercle bacillus was found to be present in 28 instances (22.95 per cent.).

BOROUGH OF POPLAR DISPENSARY FOR THE PREVENTION OF CONSUMPTION.

Number of Notifications (actual cases) sent from the Borough of Poplar Dispensary for the Prevention of Consumption during the period from 1st January, 1918, to 31st December, 1918 :—

POPLAR (WHOLE BOROUGH).

| Age Periods. | Notifications on Form A. | | | | | | | | | | | Total Notifications |
|----------------|--------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------------|---------------------|
| | Number of Notifications. | | | | | | | | | | | |
| | 0 to 1 | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 and upwards | |
| Pulmonary— | | | | | | | | | | | | |
| Males ... | — | 2 | 20 | 10 | 17 | 23 | 55 | 54 | 9 | 5 | — | 195 |
| Females ... | — | 9 | 14 | 12 | 13 | 14 | 34 | 34 | 12 | 7 | 2 | 151 |
| Non-pulmonary— | | | | | | | | | | | | |
| Males ... | — | 17 | 30 | 13 | — | 2 | 1 | 1 | — | — | — | 64 |
| Females ... | — | 6 | 21 | 13 | 3 | — | — | 1 | — | — | — | 44 |
| Totals ... | — | 34 | 85 | 48 | 33 | 39 | 90 | 90 | 21 | 12 | 2 | 454 |

DISTRIBUTION OF CASES IN THE BOROUGH.

| | Insured. | Uninsured. | Total. |
|--------------------|----------|------------|--------|
| Bromley.. .. | 21 | 67 | 88 |
| Bow | 64 | 94 | 158 |
| Poplar | 81 | 117 | 198 |
| Out of District .. | 9 | 1 | 10 |
| | 175 | 279 | 454 |

The number of new cases who attended at the Dispensary during the year 1918 was 1,506 ; of these, 454 were tuberculous.

There was a total of 9,430 attendances at the Dispensary.

DEATHS, TUBERCULAR DISEASES AND PHTHISIS—

NUMBER AND RATES SEE PAGES 10 AND 11.

DISINFECTION OF ROOMS AND ARTICLES SEE PAGE 52.

TABLE I.

Deaths during the year 1918 in the POPLAR Sub-District of the Metropolitan Borough of Poplar, classified according to localities.

| Names of localities adopted for the purpose of these statistics: public institutions being shown as separate localities. | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total. |
|--|-------------|-------------|-------------|-------------|--------|
| Poplar Sub-District | 151 | 100 | 84 | 255 | 590 |
| Union Workhouse | 16 | 5 | 4 | 19 | 44 |
| Baffin Buildings | ... | ... | ... | ... | ... |
| Council Buildings | 1 | ... | ... | ... | 1 |
| Grosvenor Buildings | 5 | 3 | 4 | 7 | 19 |
| Hanbury Buildings | ... | ... | ... | ... | ... |
| Hudson Buildings | ... | ... | ... | ... | ... |
| Montreal Buildings | 1 | ... | ... | ... | 1 |
| Ontario Buildings | ... | ... | ... | ... | ... |
| Ottawa Buildings | ... | ... | ... | ... | ... |
| Prestage Buildings | 1 | 1 | ... | ... | 2 |
| Quebec Buildings | ... | ... | ... | 2 | 2 |
| Toronto Buildings | ... | ... | ... | ... | ... |
| Winnipeg Buildings | ... | ... | ... | ... | ... |
| River Thames | 1 | 4 | 2 | ... | 7 |
| East India Docks | ... | 1 | ... | 1 | 2 |
| London Graving Dock | ... | ... | ... | ... | ... |
| West India Docks | 1 | 1 | ... | ... | 2 |
| South-West India Docks | 1 | 1 | ... | 1 | 3 |
| Poplar Dock, G.W.R. | ... | ... | ... | ... | ... |
| Millwall Docks | ... | 1 | ... | ... | 1 |
| Green's Dry Dock | ... | ... | 1 | ... | 1 |
| Limehouse Cut | ... | ... | 1 | ... | 1 |
| Highway | ... | 1 | ... | ... | 1 |
| Trinity Wharf | ... | ... | ... | ... | ... |
| Bow Creek | ... | ... | 1 | 1 | 2 |
| Police Station | 1 | ... | ... | ... | 1 |
| | 179 | 118 | 97 | 286 | 680 |
| Deaths occurring outside the sub-district among persons belonging thereto* + | 115 | 113 | 99 | 192 | 519+ |
| Deaths occurring within the sub-district among persons not belonging thereto — | 14 | 7 | 4 | 17 | 42— |
| Deaths at all ages—nett | 280 | 224 | 192 | 461 | 1157 |

* Including 301 deaths in the Bromley Sub-District:—Sick Asylum, 246; Poplar Hospital, 35; and Bow Institution, 16; Bromley House Institution, 2; Sub-district Bromley, 1; River Lea, Bromley, 1.

TABLE II.

Deaths during the year 1918 in the BROMLEY Sub-District of the Metropolitan Borough of Poplar, classified according to localities.

| Names of localities adopted for the purpose of these statistics : public institutions being shown as separate localities. | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total. |
|---|-------------|-------------|-------------|-------------|--------|
| Bromley Sub-District | 161 | 120 | 91 | 255 | 627 |
| Sick Asylum | 322 | 233 | 191 | 430 | 1176 |
| Bow Institution | 72 | 73 | 43 | 134 | 322 |
| Bromley House Institution | 43 | 21 | 13 | 56 | 133 |
| Poplar Hospital | 41 | 36 | 35 | 44 | 156 |
| Adelaide Buildings | ... | ... | ... | 1 | 1 |
| Melbourne Buildings | ... | ... | ... | 1 | 1 |
| Sydney Buildings | 1 | 1 | ... | 2 | 4 |
| Hawthorn Buildings | ... | ... | ... | 3 | 3 |
| River Lee | 1 | ... | ... | 1 | 2 |
| Limehouse Cut | 1 | 1 | ... | 1 | 3 |
| Highway | 1 | ... | ... | 1 | 2 |
| Bow Creek | ... | ... | ... | ... | ... |
| Great Eastern Railway | ... | ... | ... | 1 | 1 |
| Bromley Lock... .. | ... | ... | ... | ... | ... |
| | 643 | 485 | 373 | 930 | 2431 |
| Deaths occurring outside the sub-district among persons belonging thereto* + | 60 | 38 | 47 | 68 | 213+ |
| Deaths occurring within the sub-district among persons not belonging thereto — | 375 | 288 | 224 | 510 | 1397— |
| Deaths at all ages--nett | 328 | 235 | 196 | 488 | 1247 |

* Including 10 deaths in the Poplar Sub-District, viz. :—Union Workhouse, Poplar, 8 ; Poplar Police Station, 1 ; River Thames, Poplar, 1.

TABLE III.

Deaths during the year 1918 in the Bow Sub-District of the Metropolitan Borough of Poplar, classified according to localities.

| Names of localities adopted for the purpose of these statistics: public institutions being shown as separate localities. | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total. |
|--|-------------|-------------|-------------|-------------|--------|
| Bow Sub-District | 88 | 62 | 59 | 202 | 411 |
| Highway | ... | ... | ... | ... | ... |
| River Lee | ... | ... | ... | 1 | 1 |
| Duckett's Canal | ... | ... | ... | 2 | 2 |
| Midland Railway | ... | ... | 1 | ... | 1 |
| | 88 | 62 | 60 | 205 | 415 |
| Deaths occurring outside the sub-district among persons belonging thereto* + | 101 | 84 | 60 | 116 | 361+ |
| Deaths occurring within the sub-district among persons not belonging thereto — | ... | ... | 1 | 1 | 2— |
| Deaths at all ages—nett | 189 | 146 | 119 | 320 | 774 |

* Including 234 deaths in other parts of the Borough (Poplar and Bromley Sub-Districts), viz.:—Poplar Union Workhouse, 9; Sick Asylum, 212; and Bow Institution, 7; Bromley House Institution, 2; Poplar Hospital, 3; Highway, Bromley, 1.

DEATHS FROM DROWNING, ETC., AND DEATHS OF PERSONS OF UNKNOWN ADDRESSES INCLUDED IN THE MORTALITY STATISTICS.

The following deaths have been included in the Mortality Statistics of the respective Sub-districts as there is no reason for believing that such deaths will be shown in the Mortality Tables of some other District :—

POPLAR (SUB-DISTRICT).

| | | | | |
|-------------|--|--|----------------------|---|
| 30th Mar. | River Thames, off Stewart's Docks. | Unknown. | Male, about 10 mins. | Found dead. Want of attention at birth, but under what circumstances the deceased was born and died the evidence fails to prove. Inq. |
| 17th April. | S.S. <i>War Helmet</i> , Millwall Docks. | Ship's fireman. | Male, 27. | Found dead. Acute pneumonia. Nat. P.M. Inq. |
| 13th May. | West India Docks. | Ship's lamp trimmer. Native of Russia. | Male, 43. | Found dead. Suffocation by drowning, but how he came into the water and was so drowned, the evidence fails to prove. Inq. |
| 18th May. | Claybury Asylum. | Soap cutter, of Laindon Farm Colony. | Male, 63. | Br. pneumonia. 8 days. P.M. |
| 20th May. | Sick Asylum. | Labourer of Poplar. No fixed abode. | Male, 66. | Cerebral apoplexy. |
| 15th June. | River Thames, off Perry's Oil Mills. | Unknown. | Female, about 45. | Found dead. Suffocation by drowning, but how or by what means the deceased came into the water there is no evidence to show. Inq. |
| 17th Sept. | S.S. <i>Sardinia</i> , Green's Dry Dock. | Ship's steward. A native of India. | Male, 30. | Found dead. Hæmorrhage following perforation of an ulcer of the stomach. Nat. P.M. Inq. |
| 2nd. Sept. | River Thames, off Perry's Wharf. | Steward. | Male, about 40. | Found dead. Suffocation by drowning but how he came into the water and was so drowned the evidence fails to prove. Inq. |

BROMLEY (SUB-DISTRICT).

| | | | | |
|-------------|--|-----------------|---------------|---|
| 15th April. | Sick Asylum, found in Mornington Road. | Son of unknown. | Male, 16 mos. | Measles and whooping cough. |
| 6th July. | Sick Asylum, of Bombay. | Ship deck hand. | Male, 30. | Acute pneumonia. |
| 1st July. | Poplar Hospital, of Norway. | 2nd Officer. | Male, 22. | Violent. Fractured skull and contused brain caused by falling through the opening into No. 5 tank, S.S. <i>Ronald Amundsen</i> . Acc. P.M. Inq. |

BOW (SUB-DISTRICT).

| | | | | |
|-------------|--|---------------------|-----------------------|--|
| 11th April. | Sick Asylum, found N.L.R., Bow Station. | Son of unknown. | Male, 16 mos. | Measles and whooping cough. |
| 11th Oct. | River Lee, off 419, Old Ford Road. | Unknown parent-age. | Male, about 5 mins. | Found dead. Want of attention at birth, but under what circumstances he was born and died, the evidence fails to prove. P.M. Inq. |
| 31st Oct. | Duckett's Canal, off Parnell Road Bridge | Unknown. | Female, about 5 mins. | Found dead. Want of attention at birth, but under what circumstances it was born and died, the evidence failed to prove. P.M. Inq. |

TABLE IV.

Vital Statistics of Whole District during 1918 and Previous Years.

POPLAR (WHOLE BOROUGH).

| Year. | Population estimated to middle of each Year. | Births. | | | Total Deaths Registered in the District. | | Transferable Deaths† | | Nett Deaths belonging to the District. | | | |
|-------|--|---------------------|------------------|-------|--|-------|--|--|--|----------------------------|--------------|-------|
| | | Uncorrected Number. | Nett. | | Number.* | Rate. | 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 per 1000 Nett Births. | Number.* | Rate. |
| | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1913 | 160,913 | 5082 | 5208 | 32.3 | 2588 | 16.0 | 443 | 544 | 588 | 112 | 2689 | 16.7 |
| 1914 | 160,839 | 4884 | 5059 | 31.4 | 2694 | 16.7 | 438 | 520 | 593 | 117 | 2776 | 17.2 |
| 1915 | 156,247 | 4585 | 4687 | 29.9 | 3139 | 20.0 | 587 | 507 | 628 | 134 | 3059 | 19.5 |
| 1916 | 155,095† | 4393 | 4543 | 26.9 | 2782 | 17.9 | 731 | 474 | 472 | 103 | 2525 | 16.2 |
| 1916 | 168,746† | | | | | | | | | | | |
| 1917 | 143,443† | 3578 | 3700 | 23.1 | 2812 | 19.6 | 901 | 506 | 352 | 95 | 2417 | 16.8 |
| 1917 | 159,898† | | | | | | | | | | | |
| 1918 | 139,530† | 2901 | 320 ₃ | 20.4 | 3526 | 25.2 | 896 | 548 | 344 | 107 | 3178 | 22.7 |
| 1918 | 156,33† | | | | | | | | | | | |

NOTES.—This Table is arranged to show the gross births and deaths in the borough and the births and deaths properly belonging to it with the corresponding rates. The rates are calculated per 1000 of the estimated gross population.

* In Column 6 are included the whole of the deaths registered during the year as having actually occurred within the borough, but excluding the deaths of soldiers and sailors that have occurred in hospitals and institutions in the district.

In Column 12 are entered the number in Column 6, corrected by subtraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

† "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence—*e.g.*, casuals—are not included in Columns 8 or 9, except in certain instances under 3 (b) below.

The following special cases arise as to Transferable Deaths:—

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

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

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

| | | | | | |
|---------------------------|----------|--------------------------------------|-------------|------|----------|
| Area of District in acres | } 2327.7 | Total population at all ages | ... 162,442 | } At | |
| (land and inland | | Number of inhabited houses | ... 22,472 | | } Census |
| water) ... | | Average number of persons per house | 7.22 | | |
| ... .. |  | Total families or separate occupiers | ... 35,158 | | of 1911. |

† See italics, page 2.

TABLE V.

Vital Statistics during 1918 and Previous Years.

POPLAR SUB-DISTRICT.

| Year. | Population estimated to middle of each Year. | Births. | | | Total Deaths Registered in the District. | | Transferable Deaths† | | Nett Deaths belonging to the District. | | | | |
|-------|--|----------------------|---------|-------|--|-------|--|--|--|----------------------------|--------------|-------|-------|
| | | Uncorrected Number. | Nett. | | Number.* | Rate. | 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 per 1000 Nett Births. | Number.* | Rate. | |
| | | | | | | | | | | | | | 10 | 11 | 12 | 13 |
| 1913 | ... | 55,885 | 1796 | 1843 | 32.9 | 622 | 11.1 | 44 | 420 | 199 | 107 | 998 | 17.8 |
| 1914 | ... | 55,869 | 1634 | 1687 | 30.1 | 555 | 8.9 | 40 | 451 | 183 | 108 | 966 | 17.2 |
| 1915 | ... | 54,274 | 1579 | 1604 | 29.5 | 708 | 13.0 | 64 | 523 | 221 | 137 | 1167 | 21.5 |
| 1916 | ... | 53,874† 58,616†† | 1509 | 1575 | 26.8 | 543 | 10.0 | 57 | 434 | 164 | 104 | 920 | 17.0 |
| 1917 | .. | 49,826††† 55,543† | 1267 | 1300 | 23.4 | 517 | 10.3 | 66 | 464 | 123 | 95 | 915 | 18.3 |
| 1918 | ... | 48,467† 54,306† | 1024 | 1134 | 20.8 | 680 | 14.0 | 42 | 519 | 128 | 112 | 1157 | 23.87 |

Area of Sub-District in acres (land and inland water) ... } 1166.2 } Total population at all ages ... 56,393 } At
 ... } ... } Number of inhabited houses ... 8,201 } Census,
 ... } ... } Average number of persons per house 6.87 } of 1911.
 Total families or separate occupiers ... 12,044.

See notes, page 24.

† See italics page 2

TABLE VI.

Vital Statistics during 1918 and Previous Years.

BROMLEY SUB-DISTRICT.

| Year. | Population estimated to middle of each Year. | Births. | | | Total Deaths Registered in the District. | | Transferable Deaths† | | Nett Deaths belonging to the District. | | | | |
|-------|--|---------------------|---------|-------|--|-------|--|--|--|----------------------------|--------------|-------|-------|
| | | Uncorrected Number. | Nett. | | Number.* | Rate. | 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 per 1000 Nett Births. | Number.* | Rate. | |
| | | | | | | | | | | | | | 10 | 11 | 12 | 13 |
| 1913 | ... | 64,485 | 2104 | 2152 | 33·3 | 1622 | 25·1 | 779 | 224 | 253 | 117 | 1067 | 16·5. |
| 1914 | ... | 64,397 | 2093 | 2189 | 33·9 | 1784 | 27·7 | 882 | 223 | 259 | 118 | 1125 | 17·4 |
| 1915 | .. | 62,558 | 1937 | 1992 | 31·8 | 2052 | 32·8 | 1084 | 187 | 241 | 121 | 1155 | 18·4 |
| 1916 | ... | 62,097† 67,562† | 1846 | 1890 | 27·9 | 1941 | 31·2 | 1146 | 193 | 210 | 111 | 988 | 15·9 |
| 1917 | ... | 57,432† 64,019† | 1488 | 1533 | 23·9 | 2030 | 35·3 | 1278 | 211 | 149 | 97 | 963 | 16·7 |
| 1918 | ... | 55,865† 62,594† | 1192 | 1337 | 21·3 | 2431 | 43·5 | 1397 | 213 | 142 | 106 | 1247 | 22·3. |

| | | | | |
|---|-------|---|--------|----------------------------|
| Area of Sub-District in acres (land and inland water) ... | 605·8 | Total population at all ages ... | 65,226 | } At Census of 1911. |
| ... | ... | Number of inhabited houses ... | 8,721 | |
| ... | ... | Average number of persons per house ... | 7·47 | |
| Total families or separate occupiers ... | | 14,256. | | |

See notes, page 24.

† See italics, page 2.

TABLE VII.

Vital Statistics during 1918 and Previous Years.

BOW SUB-DISTRICT.

| Year. | Population estimated to middle of each Year. | Births. | | | Total Deaths Registered in the District. | | Transferable Deaths† | | Nett Deaths belonging to the District. | | | | |
|-------|--|---------------------|---------|-------|--|-------|--|--|--|-------|--------------|-------|----------------------------|
| | | Uncorrected Number. | Nett. | | Number.* | Rate. | 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. | |
| | | | | | | | | | | | | | Rate per 1000 Nett Births. | Number.* | Rate. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| 1913 | ... | 40,543 | 1182 | 1213 | 29.9 | 344 | 8.4 | 4 | 284 | 136 | 112 | 624 | 15.3 |
| 1914 | ... | 40,573 | 1157 | 1183 | 29.1 | 355 | 8.7 | 4 | 334 | 151 | 127 | 685 | 16.8 |
| 1915 | .. | 39,415 | 1069 | 1091 | 27.6 | 379 | 9.6 | 3 | 361 | 166 | 152 | 737 | 18.6 |
| 1916 | ... | 39,124† 42,568† | 1038 | 1078 | 25.3 | 298 | 7.6 | 2 | 321 | 98 | 90 | 617 | 15.7 |
| 1917 | ... | 36,185† 40,336† | 823 | 867 | 21.4 | 265 | 7.3 | 4 | 278 | 80 | 92 | 539 | 14.8 |
| 1918 | ... | 35,198† 39,438† | 685 | 732 | 18.5 | 415 | 11.7 | 2 | 361 | 74 | 101 | 774 | 21.9 |

Area of Sub-District in acres (land and inland water) ... } 555.7
 Total population at all ages ... 40,823 } At
 Number of inhabited houses ... 5,550 } Census
 Average number of persons per house 7.35 } of 1911.
 Total families or separate occupiers ... 8,858.

See notes, page 24.

† See italics, page 2.

NOTES TO TABLES VIII., IX., X., XI., XII., XIII., XIV., XV. & XVI.

NOMENCLATURE OF DISEASES

All "Transferable Deaths" of residents, *i.e.*, of persons resident in the district who have died outside it, are *included* with the other deaths in columns 2-10, Tables VIII., IX., X. and XI., and Infantile Mortality Tables XIII., XIV., XV., and XVI. Transferable deaths of non-residents, *i.e.*, of persons resident elsewhere in England and Wales, who have died in the district, are in like manner *excluded* from these columns. For the precise meaning of the term "transferable deaths" see footnote to Table IV.

All deaths occurring in institutions for the sick and infirm situated within the district, whether of residents or of non-residents, are entered in Table XII.

All deaths certified by registered medical practitioners and all inquest cases are classed as "Certified"; all other deaths are to be regarded as "Uncertified."

Under the heading of "Diphtheria" and "Croup" are included all deaths from Croup except those certified as due to "spasmodic," "stridulous," "catarrhal" or "false" croup.

Under the heading of "Tuberculous Meningitis" are included deaths from Acute Hydrocephalus.

Under the heading of "Cancer" are included deaths under such headings as Carcinoma, Scirrhus, Epithelioma, Rodent ulcer, Sarcoma, Cancer, and Malignant disease.

Under the heading of "Diarrhœa" and "Enteritis" are included deaths registered as due to Epidemic diarrhœa, Epidemic enteritis, Infective enteritis, Zymotic enteritis, Summer diarrhœa, Choleraic diarrhœa, Cholera (other than Asiatic), Gastro-enteritis, Gastro-intestinal catarrh, Muco-enteritis, Colitis, &c. Deaths from diarrhœa secondary to some other well-defined diseases are included under the latter.

Under the heading of "Alcoholism" are included deaths from Delirium tremens, acute and chronic alcoholism.

Under the heading of "Puerperal Fever" are included deaths under such headings as Pyæmia, Septicæmia, Sapræmia, Pelvic peritonitis, Peri- and Endo-metritis occurring in the Puerperium.

Under the heading of "Congenital Debility and Malformation, including Premature birth," are included deaths from Atrophy and marasmus of infants, and want of breast-milk, but not from Atelæctasis

TABLE VIII
METROPOLITAN BOROUGH OF POPLAR.
THE BOROUGH.

Causes of, and Ages at, Death during the Year 1918.

| Causes of Death (see page 28). | Nett Deaths in whole Borough at subjoined Ages. | | | | | | | | | | Nett Deaths in Public Institutions and certain localities within and outside Borough (at all ages) belonging thereto. | | | | | | | Nett Total Deaths in Public Institutions, &c. |
|--|--|------------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|----------------------------|--|---------------------|-------------------------------|---------------------|----------------|---------------------------|-------------|--|
| | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. | Poplar Union Workhouse. | Sick Asylum. | Bow Institution. | Bromley House Institution. | Poplar Hospital. | See Footnotes. | Outlying Institutions. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | |
| All causes { Certified | 3177 | 344 | 239 | 259 | 190 | 234 | 500 | 636 | 775 | 32 | 792 | 40 | 6 | 83 | 22 | 547 | 1522 | |
| { Uncertified | 1 | | | | | | | | | 1 | | | | | | 1 | 1 | |
| 1 Enteric Fever | 1 | | | | | 1 | | | | | | | | | | | | |
| 2 Small Pox | | | | | | | | | | | 25 | | | | | | 33 | |
| 3 Measles | 151 | 15 | 64 | 61 | 11 | | | | | | | | | | | | 2 | |
| 4 Scarlet Fever | 2 | | | | | | | | | | | | | | | | 30 | |
| 5 Whooping Cough | 61 | 18 | 21 | 19 | 3 | | | | | | 24 | | | | | | 28 | |
| 6 Diphtheria and Croup | 31 | 2 | 9 | 11 | 9 | | | | | | | | | 5 | | 4 | 148 | |
| 7 Influenza | 524 | 9 | 28 | 42 | 54 | 86 | 164 | 96 | 45 | 6 | 94 | 2 | 1 | 3 | | | 2 | |
| 8 Erysipelas | 3 | 1 | | | | | 1 | 1 | | | 2 | | | | | | 2 | |
| 9 Phthisis (Pulmonary Tuberculosis) | 298 | 4 | 7 | 2 | 19 | 54 | 124 | 75 | 13 | | 76 | 1 | 1 | | | * | 94 | |
| 10 Tuberculous Meningitis | 32 | 5 | 3 | 14 | 7 | 3 | | | | | | | | 4 | | | 12 | |
| 11 Other Tuberculous Diseases | 26 | 2 | 6 | 5 | 3 | 3 | 5 | 2 | | 1 | 3 | | | | | | 10 | |
| 12 Cancer, malignant disease... .. | 146 | | | | | | 8 | 81 | 57 | 1 | 52 | 4 | | | † | 21 | 79 | |
| 13 Rheumatic Fever | 7 | | | 1 | 1 | 2 | 1 | 1 | 1 | | | | | | | | 2 | |
| 14 Meningitis | 20 | 2 | 4 | 5 | 6 | 3 | | | | 1 | 2 | | | 2 | | 7 | 12 | |
| 15 Organic Heart Disease | 232 | | | | 8 | 13 | 41 | 72 | 98 | 1 | 82 | 14 | | 3 | † | 31 | 134 | |
| 16 Bronchitis | 274 | 24 | 19 | 5 | 2 | 1 | 11 | 71 | 141 | 12 | 69 | 9 | 1 | | | 7 | 98 | |
| 17 Pneumonia (all forms) | 377 | 61 | 51 | 59 | 33 | 29 | 58 | 57 | 29 | 5 | 72 | 2 | | 15 | ‡ | 53 | 151 | |
| 18 Other diseases of respiratory organs | 23 | 1 | | 2 | | 2 | 3 | 9 | 6 | | 8 | 1 | | | | 3 | 12 | |
| 19 Diarrhoea and Enteritis | 58 | 36 | 11 | 7 | | | | 1 | 3 | | 10 | | | 2 | | 16 | 28 | |
| 20 Appendicitis and Typhlitis | 11 | | | | 5 | 3 | 1 | 2 | | | 4 | | | 3 | | 3 | 10 | |
| 21 Cirrhosis of Liver | 7 | | | | | | | 4 | 3 | | 1 | | 1 | | | 1 | 3 | |
| 21a Alcoholism | | | | | | | | | | | | | | | | | | |
| 22 Nephritis and Bright's Disease | 32 | | 1 | | | 1 | 5 | 12 | 13 | | 6 | 1 | | 1 | | 10 | 18 | |
| 23 Puerperal Fever | 6 | | | | | 1 | 5 | | | | 4 | | | | | 1 | 5 | |
| 24 Other accidents and diseases of Pregnancy & Parturition | 7 | | | | | 4 | 3 | | | | 2 | | | | | 4 | 6 | |
| 25 Congenital Debility and Malformation, including Premature Birth | 115 | 108 | 4 | 3 | | | | | | | 21 | | | | | 19 | 40 | |
| 26 Violent Deaths excluding Suicide | 123 | 14 | 1 | 11 | 17 | 10 | 12 | 29 | 29 | 2 | 28 | | | 33 | ** | 22 | 97 | |
| 27 Suicide | 10 | | | | | 1 | 3 | 5 | 1 | | 2 | | | | † | 1 | 7 | |
| 28 Other Defined Diseases | 595 | 38 | 10 | 12 | 10 | 16 | 55 | 117 | 337 | 3 | 203 | 6 | | 6 | | 153 | 371 | |
| 29 Diseases ill-defined or unknown | 6 | 4 | | | | 1 | | 1 | | | 1 | | | | †† | | 2 | |
| Total Deaths | 3178 | 344 | 239 | 259 | 190 | 234 | 500 | 636 | 776 | 32 | 791 | 40 | 6 | 83 | 22 | 548 | 1522 | |
| SUB-ENTRIES (included in above figures.) | | | | | | | | | | | | | | | | | | |
| 14 Cerebro-spinal Meningitis | 6 | 2 | 1 | | 2 | 1 | | | | | | | | | | | 3 | |
| 28a Poliomyelitis... .. | 2 | 1 | 1 | | | | | | | | | | | | | | | |
| 17 Pneumonia | 196 | 9 | 10 | 22 | 32 | 40 | 42 | 19 | | 5 | 53 | | | 3 | 1 | 20 | 82 | |
| 28 Dysentery | 12 | | | | | | 4 | 5 | 3 | | | | | | | 6 | 6 | |
| 28 Botulism | 1 | | | | | | | 1 | | | | | | | | | | |

*River Thames, Poplar, 1 †Highway, Bromley, 1 ‡Highway, Poplar, 1 §Millwall Docks, Poplar, 1; Bromley Sub-District, 1; Poplar Police Station, 1; Highway, Bow, 1. **River Thames, Poplar, 3; East India Docks, Poplar, 1; West India Docks, Poplar, 1; Bow Creek, Poplar, 1; Limehouse Cut, Poplar, 1; Limehouse Cut, Bromley, 3; River Lee, Bromley, 1; Highway, Bromley, 1. ††Bow Creek, Poplar, 1; Duckett's Canal, Bow, 1. ‡‡River Lee, Bow, 1.

TABLE IX.
METROPOLITAN BOROUGH OF POPLAR.

SUB-DISTRICT OF POPLAR.

Causes of, and Ages at, Death during the Year 1918.

| Causes of Death (see page 28). | Nett Deaths in whole Sub-District at subjoined Ages. | | | | | | | | | | Nett Deaths in Public Institutions and certain localities within and outside Sub-District (at all ages) belonging thereto. | | | | | | Nett Total Deaths in Public Institutions, &c. | |
|--|---|----------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|----------------------------|---|----------------------|-------------------------------|---------------------|----------------|---------------------------|--|----|
| | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. | Poplar Union Workhouse. | Sick Asylum. | Bow Institution.* | Bromley House Institution. | Poplar Hospital. | See Footnotes. | Outlying Institutions. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | |
| All causes | 1156 | 128 | 83 | 91 | 58 | 83 | 181 | 245 | 287 | 15 | 246 | 16 | 2 | 35 | 12 | 217 | 543 | |
| Certified | 1156 | 128 | 83 | 91 | 58 | 83 | 181 | 245 | 287 | 15 | 246 | 16 | 2 | 35 | 12 | 217 | 543 | |
| Uncertified | 1 | | | | | | | | 1 | | | | | | | 1 | 1 | |
| 1 Enteric Fever | 1 | | | | | 1 | | | | | | | | | | | | |
| 2 Small Pox | | | | | | | | | | | | | | | | | | |
| 3 Measles | 35 | 7 | 13 | 12 | 3 | | | | | | 1 | | | | | 2 | 3 | |
| 4 Scarlet Fever | | | | | | | | | | | | | | | | | | |
| 5 Whooping Cough | 35 | 9 | 11 | 13 | 2 | | | | | | 13 | | | | | 3 | 16 | |
| 6 Diphtheria and Croup | 8 | 2 | 3 | 2 | 1 | | | | | | | | | 2 | | 5 | 7 | |
| 7 Influenza | 175 | 3 | 11 | 10 | 18 | 25 | 53 | 37 | 18 | 1 | 28 | | | 1 | | 19 | 49 | |
| 8 Erysipelas | | | | | | | | | | | | | | | | | | |
| 9 Phthisis (Pulmonary Tuberculosis) | 112 | 1 | 3 | 1 | 3 | 24 | 44 | 30 | 6 | | 23 | 1 | | 1 | *1 | 38 | 64 | |
| 10 Tuberculous Meningitis | 15 | 2 | 3 | 6 | 3 | 1 | | | | | | | | 3 | | 5 | 8 | |
| 11 Other Tuberculous Diseases | 13 | | 4 | 3 | 1 | 3 | 2 | | | | 2 | | | | | | 9 | 8 |
| 12 Cancer, malignant disease... .. | 47 | | | | | | 1 | 29 | 17 | | 12 | 1 | | | | | 4 | 22 |
| 13 Rheumatic Fever | 1 | | | | 1 | | | | | | | | | | | | 1 | 1 |
| 14 Meningitis | 3 | | | 1 | 1 | | | | | 1 | | | | | | | | 1 |
| 15 Organic Heart Disease | 98 | | | | 4 | 5 | 16 | 31 | 42 | | 30 | 7 | 1 | 1 | †1 | 14 | 54 | |
| 16 Bronchitis | 87 | 5 | 8 | 1 | | | 4 | 28 | 41 | 8 | 27 | 3 | | | | | 2 | 40 |
| 17 Pneumonia (all forms) | 150 | 23 | 22 | 26 | 12 | 7 | 26 | 22 | 12 | 3 | 11 | 1 | | 7 | §2 | 23 | 47 | |
| 18 Other diseases of respiratory organs | 8 | 1 | | | | 1 | 1 | 2 | 3 | | 4 | 1 | | | | | | 5 |
| 19 Diarrhoea and Enteritis | 21 | 16 | 2 | 3 | | | | | | | 1 | | | | | 10 | 11 | |
| 20 Appendicitis and Typhlitis | 1 | | | | | 1 | | | | | 1 | | | | | | | 1 |
| 21 Cirrhosis of Liver | 3 | | | | | | | 2 | 1 | | | | 1 | | | | | 1 |
| 21a Alcoholism | | | | | | | | | | | | | | | | | | |
| 22 Nephritis and Bright's Disease | 13 | | | | | 1 | 2 | 5 | 5 | | 3 | 1 | | | | 4 | 8 | |
| 23 Puerperal Fever | 1 | | | | | | 1 | | | | | | | | | 1 | 1 | |
| 24 Other accidents and diseases of Pregnancy & Parturition | 2 | | | | | 1 | 1 | | | | | | | | | 2 | 2 | |
| 25 Congenital Debility and Malformation, including Premature Birth | 41 | 37 | 1 | 3 | | | | | | | 4 | | | | | | 6 | 10 |
| 26 Violent Deaths, excluding Suicide | 58 | 9 | | 7 | 6 | 4 | 7 | 16 | 9 | 1 | 10 | | | 16 | **7 | 9 | 43 | |
| 27 Suicide | 4 | | | | | 1 | 1 | 2 | | | | | | 1 | ††1 | | 2 | |
| 28 Other Defined Diseases | 223 | 12 | 2 | 3 | 3 | 7 | 22 | 40 | 134 | 1 | 75 | 1 | | 3 | | 58 | 138 | |
| 29 Diseases ill-defined or unknown | 2 | 1 | | | | | | 1 | | | 1 | | | | | | | 1 |
| Total Deaths | 1157 | 128 | 83 | 91 | 58 | 83 | 181 | 245 | 288 | 15 | 246 | 16 | 2 | 35 | 12 | 218 | 544 | |
| SUB-ENTRIES (included in above figures). | | | | | | | | | | | | | | | | | | |
| 14 Cerebro-spinal Meningitis | 1 | | | | | 1 | | | | | | | | | | | | |
| 28a Poliomyelitis | 2 | 1 | 1 | | | | | | | | | | | | | | | |
| 17 Pneumonia | 71 | 3 | 2 | 10 | 7 | 10 | 16 | 16 | 7 | 4 | 7 | | | 2 | | 10 | 23 | |
| 28 Dysentery | 5 | | | | | | 3 | 2 | | | | | | | | 3 | 3 | |

*River Thames, Poplar, 1. †Highway, Poplar, 1. ‡Bromley Sub-District, 1; Millwall Dock, Poplar, 1. **River Thames, Poplar, 2; East India Docks, Poplar, 1; West India Docks, Poplar, 1; Bow Creek, Poplar, 1; Limehouse Cut, Poplar, 1; River Lea, Bromley, 1. ††Bow Creek, Poplar, 1.

TABLE X.
METROPOLITAN BOROUGH OF POPLAR.
SUB-DISTRICT OF BROMLEY.

Causes of, and Ages at, Death during the Year 1918.

| Causes of Death (see page 28). | Nett Deaths in whole Sub-District at subjoined Ages. | | | | | | | | | | Nett Deaths in Public Institutions and certain localities within and outside Sub-District (at all ages) belonging thereto. | | | | | | Nett Total Deaths in Public Institutions, &c. |
|--|---|----------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|----------------------------|---|---------------------|-------------------------------|---------------------|----------------|---------------------------|--|
| | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. | Poplar Union Workhouse. | Sick Asylum. | Bow Institution. | Bromley House Institution. | Poplar Hospital. | See Footnotes. | Outlying Institutions. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | |
| All causes { Certified | 1247 | 142 | 100 | 107 | 90 | 101 | 203 | 222 | 282 | 8 | 334 | 17 | 2 | 45 | 6 | 203 | 615 |
| Uncertified | | | | | | | | | | | | | | | | | |
| 1 Enteric Fever | | | | | | | | | | | | | | | | | |
| 2 Small Pox | | | | | | | | | | | | | | | | | |
| 3 Measles | 79 | 4 | 36 | 31 | 8 | | | | | | 16 | | | | | 5 | 21 |
| 4 Scarlet Fever | 2 | | | | 2 | | | | | | | | | | | 2 | 2 |
| 5 Whooping Cough | 14 | 3 | 5 | 6 | | | | | | | 4 | | | | | 1 | 5 |
| 6 Diphtheria and Croup | 16 | | 5 | 7 | 4 | | | | | | | | | 3 | | 12 | 15 |
| 7 Influenza | 218 | 2 | 9 | 16 | 28 | 41 | 72 | 29 | 21 | 3 | 49 | 2 | 1 | 2 | | 14 | 71 |
| 8 Erysipelas | 2 | 1 | | | | | 1 | | | | 1 | | | | | | 1 |
| 9 Phthisis (Pulmonary Tuberculosis) | 112 | 2 | 4 | 1 | 7 | 20 | 51 | 23 | 4 | | 29 | | 1 | 2 | | 36 | 68 |
| 10 Tuberculous Meningitis | 12 | 2 | | 6 | 3 | 1 | | | | | | | | 1 | | 2 | 3 |
| 11 Other Tuberculous Diseases | 3 | | | 1 | 1 | | 1 | | | | 1 | | | | | 1 | 2 |
| 12 Cancer, malignant disease | 54 | | | | | | 4 | 29 | 21 | | 21 | 2 | | | | 9 | 32 |
| 13 Rheumatic Fever | 3 | | | 1 | | 1 | | | | | | | | | | 1 | 1 |
| 14 Meningitis | 10 | 2 | 3 | 2 | 2 | 1 | | | | | 1 | | | | | 3 | 8 |
| 15 Organic Heart Disease | 88 | | | | 3 | 7 | 17 | 27 | 34 | | 32 | 6 | | | | 8 | 48 |
| 16 Bronchitis | 115 | 12 | 8 | 3 | 2 | 1 | 3 | 27 | 59 | 2 | 29 | 5 | | | | 1 | 39 |
| 17 Pneumonia (all forms) | 155 | 27 | 15 | 22 | 16 | 14 | 24 | 25 | 12 | 1 | 43 | 1 | | 8 | 1 | 19 | 3 |
| 18 Other diseases of respiratory organs | 9 | | | 2 | | 1 | 4 | 1 | | | 2 | | | | | 3 | 5 |
| 19 Diarrhoea and Enteritis | 18 | 10 | 6 | 1 | | | | | 1 | | 3 | | | 2 | | 4 | 9 |
| 20 Appendicitis and Typhlitis | 7 | | | | 3 | 2 | 1 | 1 | | | 2 | | | | | 2 | 7 |
| 21 Cirrhosis of Liver | 1 | | | | | | | | 1 | | 1 | | | | | | 1 |
| 21a Alcoholism | | | | | | | | | | | | | | | | | |
| 22 Nephritis and Bright's Disease | 10 | | 1 | | | | 1 | 3 | 5 | | | | | 1 | | 3 | 4 |
| 23 Puerperal Fever | 3 | | | | | | 3 | | | | 3 | | | | | | 3 |
| 24 Other accidents and diseases of Pregnancy & Parturition | 3 | | | | | 2 | 1 | | | | 1 | | | | | 1 | 2 |
| 25 Congenital Debility and Malformation, including | | | | | | | | | | | | | | | | | |
| Premature Birth | 55 | 54 | 1 | | | | | | | | 11 | | | | | 11 | 22 |
| 26 Violent Deaths, excluding Suicide | 47 | 5 | 1 | 4 | 8 | 4 | 3 | 10 | 12 | 1 | 9 | | | 16 | **5 | 7 | 38 |
| 27 Suicide | 2 | | | | | | 1 | 1 | | | 1 | | | 1 | | | 2 |
| 28 Other Defined Diseases | 207 | 17 | 6 | 4 | 3 | 5 | 18 | 42 | 112 | 1 | 74 | 1 | | 2 | | 54 | 132 |
| 29 Diseases ill-defined or unknown | 2 | 1 | | | | 1 | | | | | | | | | | | |
| Total Deaths | 1247 | 142 | 100 | 107 | 90 | 101 | 203 | 222 | 282 | 8 | 333 | 17 | 2 | 45 | 6 | 203 | 614 |
| SUB-ENTRIES (included in above figures). | | | | | | | | | | | | | | | | | |
| 14 Cerebro-spinal Meningitis | 4 | 2 | 1 | | 1 | | | | | | | | | | | 2 | 2 |
| 28a Poliomyelitis | | | | | | | | | | | | | | | | | |
| 17 Pneumonia | 89 | 6 | 4 | 10 | 11 | 13 | 19 | 18 | 8 | | 32 | | | 1 | 1 | 7 | 41 |
| 28 Dysentery | 4 | | | | | | | 2 | 2 | | | | | | | 1 | 1 |
| 28 Botulism | 1 | | | | | | | 1 | | | | | | | | | |

§Poplar Police Station, 1.

**Limehouse Cut, Bromley, 3; River Thames, Poplar, 1; Highway, Bromley, 1.

TABLE XI
METROPOLITAN BOROUGH OF POPLAR.

SUB-DISTRICT OF BOW.

Causes of, and Ages at, Death during the Year 1918.

| Causes of Death (see page 28). | Nett Deaths in Sub-District at subjoined Ages. | | | | | | | | | | Nett Deaths in Public Institutions and certain localities within and outside Sub-Districts (at all ages) belonging thereto. | | | | | | Nett Total Deaths in Public Institutions, &c. |
|--|---|----------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|----------------------------|--|---------------------|-------------------------------|---------------------|----------------|--------------------------|--|
| | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. | Poplar Union Workhouse. | Sick Asylum. | Bow Institution. | Bromley House Institution. | Poplar Hospital. | See Footnotes. | Outlying Institutions | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | |
| All causes { Certified | 774 | 74 | 56 | 61 | 42 | 50 | 116 | 169 | 206 | 9 | 212 | 7 | 2 | 3 | 4 | 127 | 364 |
| { Uncertified | | | | | | | | | | | | | | | | | |
| 1 Enteric Fever | | | | | | | | | | | | | | | | | |
| 2 Small Pox | | | | | | | | | | | | | | | | 1 | 9 |
| 3 Measles | 37 | 4 | 15 | 18 | | | | | | | 8 | | | | | | |
| 4 Scarlet Fever | | | | | | | | | | | | | | | | | |
| 5 Whooping Cough | 12 | 6 | 5 | | 1 | | | | | | 7 | | | | | 2 | 9 |
| 6 Diphtheria and Croup | 7 | | 1 | | 4 | | | | | | | | | | | 6 | 6 |
| 7 Influenza | 131 | 4 | 8 | 16 | 8 | 20 | 39 | 30 | 6 | 2 | 17 | | | | | 9 | 28 |
| 8 Erysipelas | 1 | | | | | | | 1 | | | 1 | | | | | | 1 |
| 9 Phthisis (Pulmonary Tuberculosis) | 74 | 1 | | | 9 | 10 | 29 | 22 | 3 | | 24 | | | 1 | | 20 | 45 |
| 10 Tuberculous Meningitis | 5 | 1 | | 2 | 1 | 1 | | | | | | | | | | | 1 |
| 11 Other Tuberculous Diseases | 10 | 2 | 2 | 1 | 1 | | 2 | 2 | | | | | | | | | 3 |
| 12 Cancer, malignant disease... .. . | 45 | | | | | | 3 | 23 | 19 | 1 | 19 | 1 | | | † | 3 | 25 |
| 13 Rheumatic Fever | 3 | | | | | 1 | | 1 | | | | | | | | | |
| 14 Meningitis | 7 | | 1 | 2 | 3 | 1 | | | | | 1 | | | | | | 3 |
| 15 Organic Heart Disease | 40 | | | | 1 | 1 | 8 | 14 | 22 | 1 | 20 | 1 | 1 | | | | 9 |
| 16 Bronchitis | 72 | 7 | 3 | 1 | | | 4 | 16 | 41 | 2 | 13 | 1 | 1 | | | | 2 |
| 17 Pneumonia (all forms) | 72 | 11 | 14 | 11 | 5 | 8 | 8 | 10 | 5 | 1 | 18 | | | | § | 11 | 31 |
| 18 Other diseases of respiratory organs | 6 | | | | | | 1 | 3 | 2 | | 2 | | | | | | 2 |
| 19 Diarrhoea and Enteritis | 19 | 10 | 3 | 3 | | | | 1 | 2 | | 6 | | | | | | 2 |
| 20 Appendicitis and Typhlitis | 3 | | | | 2 | | | 1 | | | 1 | | | | | | 1 |
| 21 Cirrhosis of Liver | 3 | | | | | | | 1 | 2 | | | | | | | | 1 |
| 21a Alcoholism | | | | | | | | | | | | | | | | | |
| 22 Nephritis and Bright's Disease | 9 | | | | | | 2 | 4 | 3 | | 3 | | | | | | 3 |
| 23 Puerperal Fever | 2 | | | | | 1 | 1 | | | | 1 | | | | | | 1 |
| 24 Other accidents and diseases of Pregnancy & Parturition | 2 | | | | | 1 | 1 | | | | 1 | | | | | | 1 |
| 25 Congenital Debility and Malformation, including Premature Birth | 19 | 17 | 2 | | | | | | | | 6 | | | | | | 2 |
| 26 Violent Deaths, excluding Suicide | 18 | | | | 3 | 2 | 2 | 3 | 8 | | 9 | | | 1 | | | 6 |
| 27 Suicide | 4 | | | | | | 1 | 2 | 1 | | 1 | | | | †† | | 1 |
| 28 Other Defined Diseases | 165 | 9 | 2 | 5 | 4 | 4 | 15 | 35 | 91 | 1 | 54 | 4 | | 1 | | 41 | 101 |
| 29 Diseases ill-defined or unknown | 2 | 2 | | | | | | | | | | | | | ‡‡ | | 1 |
| Total Deaths | 774 | 74 | 56 | 61 | 42 | 50 | 116 | 169 | 206 | 9 | 212 | 7 | 2 | 3 | 4 | 127 | 364 |
| SUB-ENTRIES (inc'uded in above figures). | | | | | | | | | | | | | | | | | |
| 14 Cerebro-spinal Meningitis | 1 | | | | 1 | | | | | | | | | | | | 1 |
| 28a Poliomyelitis | | | | | | | | | | | | | | | | | |
| 17 Pneumonia | 36 | | 4 | 2 | 4 | 9 | 5 | 8 | 4 | 1 | 14 | | | | | 3 | 18 |
| 28 Dysentery | 3 | | | | | | 1 | 1 | 1 | | | | | | | 2 | 2 |

† Highway, Bromley, l. § Highway, Bow, l. †† Duckett's Canal, Bow, l. ‡‡ River Lee, Bow, l.

TABLE XII.

METROPOLITAN BOROUGH OF POPLAR.

Total Deaths (at all ages) in Public Institutions within the Borough.

(Resident and Non-Resident included.)

| Causes of Death (see page 28). | | | | Poplar Union Workhouse | Sick Asylum. | Bow Institution. | Bromley House Institution. | Poplar Hospital. | Nett total deaths in Public Institu- tions within the Borough. |
|--|---|-----|-----|---------------------------|--------------|---------------------|-------------------------------|---------------------|---|
| All causes | Certified | ... | ... | 44 | 1176 | 322 | 133 | 156 | 1831 |
| | Uncertified | ... | ... | ... | ... | ... | ... | ... | ... |
| 1 | Enteric Fever | ... | ... | ... | 1 | ... | ... | ... | 1 |
| 2 | Small Pox | ... | ... | ... | ... | ... | ... | ... | ... |
| 3 | Measles | ... | ... | ... | 41 | ... | ... | 1 | 42 |
| 4 | Scarlet Fever | ... | ... | ... | ... | ... | ... | ... | ... |
| 5 | Whooping Cough | ... | ... | ... | 42 | ... | ... | ... | 42 |
| 6 | Diphtheria and Croup | ... | ... | ... | 1 | ... | ... | 3 | 4 |
| 7 | Influenza | ... | ... | 7 | 140 | 20 | 23 | 11 | 201 |
| 8 | Erysipelas | ... | ... | ... | 4 | ... | 1 | ... | 5 |
| 9 | Phthisis (Pulmonary Tuberculosis) | ... | ... | ... | 138 | 24 | 7 | 5 | 174 |
| 10 | Tuberculous Meningitis | ... | ... | ... | 2 | ... | ... | 4 | 6 |
| 11 | Other Tuberculous Diseases | ... | ... | 1 | 7 | 1 | 1 | ... | 10 |
| 12 | Cancer, malignant disease | ... | ... | 1 | 86 | 27 | 6 | 3 | 123 |
| 13 | Rheumatic Fever | ... | ... | ... | 3 | ... | ... | ... | 3 |
| 14 | Meningitis | ... | ... | 1 | 2 | ... | ... | 2 | 5 |
| 15 | Organic Heart Disease | ... | ... | 1 | 109 | 94 | 31 | 4 | 239 |
| 16 | Bronchitis | ... | ... | 16 | 96 | 73 | 24 | ... | 209 |
| 17 | Pneumonia (all forms) | ... | ... | 5 | 112 | 13 | 9 | 19 | 158 |
| 18 | Other diseases of respiratory organs | ... | ... | ... | 8 | 6 | 3 | ... | 17 |
| 19 | Diarrhoea and Enteritis | ... | ... | ... | 19 | ... | ... | 4 | 23 |
| 20 | Appendicitis and Typhlitis | ... | ... | ... | 4 | ... | ... | 6 | 10 |
| 21 | Cirrhosis of Liver | ... | ... | ... | 1 | ... | 2 | ... | 3 |
| 21a | Alcoholism | ... | ... | 1 | ... | ... | ... | ... | 1 |
| 22 | Nephritis and Bright's Disease | ... | ... | 1 | 11 | 4 | 3 | 1 | 20 |
| 23 | Puerperal Fever | ... | ... | ... | 4 | ... | ... | ... | 4 |
| 24 | Other accidents and diseases of Pregnancy and Parturition | ... | ... | ... | 2 | ... | ... | ... | 2 |
| 25 | Congenital Debility and Malformation, including Premature Birth | ... | ... | ... | 33 | ... | ... | ... | 33 |
| 26 | Violent Deaths, excluding Suicide | ... | ... | 4 | 35 | 6 | ... | 78 | 123 |
| 27 | Suicide | ... | ... | ... | 2 | 1 | ... | 4 | 7 |
| 28 | Other Defined Diseases | ... | ... | 6 | 272 | 53 | 23 | 11 | 365 |
| 29 | Diseases ill-defined or unknown | ... | ... | ... | 1 | ... | ... | ... | 1 |
| Total Deaths | | | | 44 | 1176 | 322 | 133 | 156 | 1831 |
| SUB-ENTRIES (included in above figures). | | | | | | | | | |
| 14 | Cerebro-spinal Meningitis | ... | ... | ... | ... | ... | ... | ... | ... |
| 28a | Poliomyelitis | ... | ... | ... | ... | ... | ... | ... | ... |
| 17 | Pneumonia | ... | ... | 4 | 79 | 1 | 8 | 5 | 97 |

TABLE XIII.

METROPOLITAN BOROUGH OF POPLAR.

WHOLE BOROUGH.

Infantile Mortality during the Year 1918.

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

| Causes of Death (see page 28). | | Under 1 week. | 1-2 weeks. | 2-3 weeks. | 3-4 weeks. | Total under 1 month. | 1-3 months. | 3-6 months. | 6-9 months. | 9-12 months. | Nett total Deaths under 1 year. |
|-----------------------------------|------------------|---------------|----------------------------|------------|--------------------------|-------------------------|-------------|-------------|-------------|--------------|---------------------------------------|
| All causes | Certified ... | 66 | 13 | 11 | 16 | 106 | 51 | 69 | 64 | 54 | 344 |
| | Uncertified ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Small Pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chicken Pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles | ... | ... | ... | ... | ... | ... | ... | 1 | 6 | 8 | 15 |
| Scarlet Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whooping Cough | ... | ... | ... | ... | ... | ... | 2 | 4 | 5 | 7 | 18 |
| Diphtheria and Croup | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 2 |
| Erysipelas | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| Tuberculous Meningitis | ... | ... | ... | ... | ... | ... | 2 | 1 | 2 | ... | 5 |
| Abdominal Tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Tuberculous Diseases | ... | ... | ... | ... | ... | ... | 1 | 2 | 1 | 2 | 6 |
| Meningitis (not Tuberculous) | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 |
| Convulsions... | ... | 2 | 1 | 1 | ... | 4 | 3 | 1 | 1 | ... | 9 |
| Laryngitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bronchitis | ... | 1 | 1 | 2 | ... | 4 | 5 | 9 | 4 | 2 | 24 |
| Pneumonia (all forms) | ... | ... | ... | ... | 1 | 1 | 9 | 13 | 15 | 23 | 61 |
| Diarrhoea | ... | ... | 1 | 1 | ... | 2 | 3 | 5 | 7 | 1 | 18 |
| Enteritis | ... | ... | ... | ... | 2 | 2 | 2 | 5 | 8 | 1 | 18 |
| Gastritis | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 |
| Syphilis | ... | 1 | ... | ... | ... | 1 | 1 | ... | 1 | ... | 3 |
| Rickets | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 2 |
| Suffocation, overlying | ... | 3 | ... | 1 | ... | 4 | 4 | 2 | ... | ... | 10 |
| Injury at birth | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Atelectasis | ... | 6 | ... | 1 | ... | 7 | ... | ... | ... | ... | 7 |
| Congenital Malformations | ... | 3 | 1 | ... | 1 | 5 | 2 | 2 | ... | ... | 9 |
| Premature birth | ... | 30 | 7 | 4 | 4 | 45 | 3 | ... | ... | 1 | 49 |
| Atrophy, Debility and Marasmus | ... | 13 | 1 | 1 | 8 | 23 | 11 | 9 | 4 | 3 | 50 |
| Other Causes | ... | 7 | 1 | ... | ... | 8 | 1 | 13 | 9 | 3 | 34 |
| Total Deaths ... | | 66 | 13 | 11 | 16 | 106 | 51 | 69 | 64 | 54 | 344 |
| Nett Births in the year | Legitimate ... | 3,161* | Nett Deaths in the year of | | Legitimate infants ... | 323 | | | | | |
| | Illegitimate ... | 78* | | | Illegitimate infants ... | 21 | | | | | |

* Registrar-General.

TABLE XV.

METROPOLITAN BOROUGH OF POPLAR.

BROMLEY SUB-DISTRICT.

Infantile Mortality during the Year 1918.

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

| Causes of Death (see page 28). | | | Under 1 week. | 1-2 weeks. | 2-3 weeks. | 3-4 weeks. | Total under 1 month. | 1-3 months. | 3-6 months. | 6-9 months. | 9-12 months. | Nett total Deaths under 1 year. |
|-----------------------------------|-----------|-------------|---------------|------------|------------|------------|-------------------------|-------------|-------------|-------------|--------------|---------------------------------------|
| | Certified | Uncertified | | | | | | | | | | |
| All causes | ... | ... | 29 | 4 | 3 | 9 | 45 | 27 | 28 | 19 | 23 | 142 |
| Small Pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chicken Pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | 4 |
| Scarlet Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whooping Cough | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 | 3 |
| Diphtheria and Croup | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Erysipelas | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| Tuberculous Meningitis | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 2 |
| Abdominal Tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Tuberculous Diseases | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 2 |
| Meningitis (not Tuberculous) | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 |
| Convulsions | ... | ... | ... | ... | 1 | ... | 1 | 1 | 1 | 1 | ... | 4 |
| Laryngitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bronchitis | ... | ... | 1 | 1 | ... | ... | 2 | 2 | 5 | 2 | 1 | 12 |
| Pneumonia (all forms) | ... | ... | ... | ... | ... | ... | ... | 5 | 6 | 5 | 11 | 27 |
| Diarrhœa | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 2 | ... | 5 |
| Enteritis | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | 1 | 1 | 5 |
| Gastritis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Syphilis | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 2 |
| Rickets | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 |
| Suffocation, overlying | ... | ... | 1 | ... | ... | ... | 1 | 2 | 1 | ... | ... | 4 |
| Injury at birth | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Atelectasis | ... | ... | 4 | ... | 1 | ... | 5 | ... | ... | ... | ... | 5 |
| Congenital Malformations | ... | ... | 1 | ... | ... | 1 | 2 | 1 | ... | ... | ... | 3 |
| Premature birth | ... | ... | 13 | 3 | 1 | 4 | 21 | 1 | ... | ... | ... | 22 |
| Atrophy, Debility and Marasmus | ... | ... | 7 | ... | ... | 4 | 11 | 7 | 5 | 3 | 3 | 29 |
| Other Causes | ... | ... | 2 | ... | ... | ... | 2 | 1 | 3 | 1 | 2 | 9 |
| Total Deaths | ... | ... | 29 | 4 | 3 | 9 | 45 | 27 | 28 | 19 | 23 | 142 |

Nett Births | Legitimate ... 1,319
in the year | Illegitimate ... 18

Nett Deaths | Legitimate infants ... 137
in the year of | Illegitimate infants ... 5

TABLE XVI.

METROPOLITAN BOROUGH OF POPLAR.

BOW SUB-DISTRICT.

Infantile Mortality during the Year 1918.

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

| Causes of Death (see page 28). | | | | Under 1 week. | 1-2 weeks. | 2-3 weeks. | 3-4 weeks. | Total under 1 month. | 1-3 months. | 3-6 months. | 6-9 months. | 9-12 months. | Nett total Deaths under 1 year. |
|-----------------------------------|-------------|-----|-----|---------------|------------|------------|------------|-------------------------|-------------|-------------|-------------|--------------|---------------------------------------|
| All causes | Certified | ... | ... | 13 | 1 | 3 | 5 | 22 | 7 | 18 | 17 | 10 | 74 |
| | Uncertified | ... | ... | | | | | | | | | | |
| Small Pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chicken Pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 2 | 4 |
| Scarlet Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whooping Cough | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | 2 | 6 |
| Diphtheria and Croup | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Erysipelas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Tuberculous Meningitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 |
| Abdominal Tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Tuberculous Diseases | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 | ... | 3 |
| Meningitis (not Tuberculous) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Convulsions... | ... | ... | ... | 2 | ... | ... | ... | 2 | ... | ... | ... | ... | 2 |
| Laryngitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bronchitis | ... | ... | ... | ... | ... | 1 | ... | 1 | 2 | 2 | 1 | 1 | ... |
| Pneumonia (all forms) | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 3 | 3 | 4 | 11 |
| Diarrhoea | ... | ... | ... | ... | 1 | 1 | ... | 2 | ... | 1 | 2 | ... | 5 |
| Enteritis | ... | ... | ... | ... | ... | ... | 2 | 2 | 1 | 1 | 1 | ... | 5 |
| Gastritis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Syphilis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rickets | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 |
| Suffocation, overlying | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Injury at birth | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Atelectasis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Congenital Malformations | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | 1 |
| Premature birth | ... | ... | ... | 5 | ... | 1 | ... | 6 | 1 | ... | ... | 1 | 8 |
| Atrophy, Debility and Marasmus | ... | ... | ... | 2 | ... | ... | 3 | 5 | ... | 3 | ... | ... | 8 |
| Other Causes | ... | ... | ... | 3 | ... | ... | ... | 3 | ... | 5 | 4 | ... | 12 |
| Total Deaths | | | | 13 | 1 | 3 | 5 | 22 | 7 | 18 | 17 | 10 | 74 |

Nett Births { Legitimate ... 717
in the year { Illegitimate ... 15

Nett Death { Legitimate infants ... 69
in the year { Illegitimate infants ... 5

TABLE XVII (1918).

| CITIES AND BOROUGHES. | Estimated population to the middle of 1918. | Notifica- tions. Annual rate per 1,000 persons living. | Births. Annual rate per 1,000 persons living. | Zymotic Deaths. Annual rate per 1,000 persons living. | Death- rate per 1,000 living. | Deaths of Infants under one year to 1,000 births. |
|-----------------------------|---|--|--|---|---|---|
| LONDON | 4,026,901* | . | 16.1 | . | 18.9 | 107 |
| <i>West Districts.</i> | | | | | | |
| Paddington | 117,517 | . | 15.3 | 4.2 | 19.1 | 116 |
| Kensington | 154,814 | . | 13.3 | 0.8 | 17.8 | 97 |
| Hammersmith | 115,833 | . | 15.5 | 1.0 | 17.1 | 104 |
| Fulham | 143,211 | . | 16.7 | 1.3 | 17.4 | 107 |
| Chelsea | 56,741 | . | 12.4 | 0.7 | 19.6 | 91 |
| City of Westminster | 126,215 | . | 10.3 | 0.6 | 16.3 | 100 |
| <i>North Districts.</i> | | | | | | |
| St. Marylebone | 98,526 | . | 12.4 | 3.2 | 18.5 | 110 |
| Hampstead | 71,815 | . | 11.1 | 0.3 | 13.4 | 69 |
| St. Pancras | 175,716 | . | 16.8 | 1.5 | 22.2 | 102 |
| Islington | 286,400 | . | 16.2 | 1.3 | 20.4 | 110 |
| Stoke Newington | 44,195 | . | 13.4 | 0.9 | 17.2 | 87 |
| Hackney | 195,104 | . | 15.7 | . | 18.9 | 105 |
| <i>Central Districts.</i> | | | | | | |
| Holborn | 36,769 | . | 13.8 | 0.9 | 22.3 | 124 |
| Finsbury | 66,492 | . | 17.1 | 1.9 | 23.7 | 110 |
| City of London | 13,900 | . | 7.3 | 0.5 | 20.9 | 148 |
| <i>East Districts.</i> | | | | | | |
| Shoreditch | 87,645 | . | 17.5 | 2.7 | 24.3 | 166 |
| Bethnal Green | 103,405 | . | 19.2 | 3.7 | 24.1 | 130 |
| Stepney | 250,899 | . | 16.5 | 1.5 | 18.9 | 115 |
| Poplar, | 139,530 | . | 20.7 | 2.1 | 22.7 | 106 |
| <i>South Districts.</i> | | | | | | |
| Southwark | 161,968 | . | 21.3 | 2.3 | 23.2 | 124 |
| Bermondsey | 108,406 | . | 19.1 | 1.1 | 22.0 | 138 |
| Lambeth | 262,275 | . | 21.7 | 1.3 | 18.9 | 89 |
| Battersea | 149,951 | . | 16.0 | 1.2 | 18.4 | 98 |
| Wandsworth | 292,408 | . | 14.2 | 0.8 | 15.0 | 89 |
| Camberwell | 233,833 | . | 15.8 | . | 20.1 | 101 |
| Deptford | 102,036 | . | 18.3 | 1.08 | 17.9 | 97 |
| Greenwich | 89,939 | . | 17.5 | 1.3 | 19.0 | 118 |
| Lewisham | | . | | | | |
| Woolwich | 146,503 | . | 16.5 | 0.7 | 14.3 | 104 |
| Port of London | — | — | — | — | — | — |

* Estimated population, 1917, rates calculated upon population estimated to middle of 1918.

The following death rates for the year 1918 are interesting when compared with one another :—

| | | | | Annual Rate per 1,000 persons living. | Deaths of Children under one year of age to 1,000 Births. |
|-----------------------|-----|-----|-----|---|---|
| Poplar Borough | ... | ... | ... | 22.77 | 107† |
| Poplar (Sub-District) | ... | ... | ... | 23.87 | 112 |
| Bromley | ... | ... | ... | 22.32 | 106 |
| Bow | ... | ... | ... | 21.98 | 101 |
| England and Wales | ... | ... | ... | 17.6 | 97 |
| 96 Great Towns‡ | ... | ... | ... | 18.2 | 106 |
| 148 Smaller Towns | ... | ... | ... | 16.1 | 94 |
| London | ... | ... | ... | 18.9 | 107 |
| Liverpool | ... | ... | ... | 21.6 | 124 |
| Manchester | ... | ... | ... | 18.3 | 106 |
| Edinburgh | ... | ... | ... | 15.2 | 94 |
| Glasgow | ... | ... | ... | 16.5 | 113 |
| Dublin (City)... | ... | ... | ... | 23.6 | 149 |
| Belfast | ... | ... | ... | 22.7 | 144 |

† See Footnote ** page 8.

‡ Including London.

TABLE XVIII.

BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1918.

| | BIRTH-RATE PER 1,000 TOTAL POPULATION. | ANNUAL DEATH-RATE PER 1,000 CIVILIAN POPULATION. | | | | | | | | RATE PER 1,000 BIRTHS. | | PERCENTAGE OF TOTAL DEATHS.* | | | | |
|--|--|--|----------------|------------|----------|----------------|-----------------|-------------|-----------|--|------------------------------|--------------------------------|-------------------|----------------|------------------------------|--|
| | | All Causes | Enteric Fever. | Small-pox. | Measles. | Scarlet Fever. | Whooping-cough. | Diphtheria. | Violence. | Diarrhoea and Enteritis (under 2 years). | Total Deaths under One Year. | Deaths in Public Institutions. | Certified Causes. | Inquest Cases. | Uncertified Causes of Death. | |
| England and Wales | 17.7 | 17.6 | 0.03 | 0.00 | 0.28 | 0.03 | 0.29 | 0.14 | 0.49 | 10.99 | 97 | 24.3 | 93.3 | 5.4 | 1.3 | |
| 96 Great Towns including London (Census Populations exceeding 50,000) | 17.6 | 18.2 | 0.02 | 0.00 | 0.36 | 0.04 | 0.34 | 0.15 | 0.49 | 14.46 | 106 | 28.4 | 93.4 | 5.8 | 0.8 | |
| 148 Smaller Towns (Census Populations 20,000-50,000) | 17.9 | 16.1 | 0.03 | — | 0.25 | 0.02 | 0.25 | 0.14 | 0.28 | 9.73 | 94 | 15.4 | 94.5 | 3.9 | 1.6 | |
| London | 16.1 | 18.9 | 0.02 | — | 0.42 | 0.03 | 0.43 | 0.17 | 0.56 | 15.67 | 107 | 45.0 | 92.5 | 7.3 | 0.2 | |
| Poplar Borough | 20.4 | 22.7 | 0.00 | — | 1.08 | 0.01 | 0.43 | 0.22 | 0.95 | 14.67 | 107 | 47.2 | — | 10.5 | — | |
| Poplar Sub-District | 20.8 | 23.8 | 0.02 | — | 0.72 | 0.00 | 0.72 | 0.16 | 1.27 | 15.87 | 112 | 45.9 | — | 10.8 | — | |
| Bromley | 21.3 | 22.3 | 0.00 | — | 1.41 | 0.03 | 0.25 | 0.28 | 0.87 | 11.96 | 106 | 48.8 | — | 10.5 | — | |
| Bow | 18.5 | 21.9 | 0.00 | — | 1.05 | 0.00 | 0.34 | 0.19 | 0.62 | 17.75 | 101 | 46.5 | — | 9.9 | — | |

* Non-civilians are included in these figures for England and Wales but not for other areas.

TABLE XIX.
METROPOLITAN BOROUGH OF POPLAR.
BOROUGH OF POPLAR.

Cases of Infectious Disease notified during the Year 1918.

| NOTIFIABLE DISEASE. | CASES NOTIFIED IN WHOLE BOROUGH. | | | | | | | Total Cases notified in each Sub-District. | | | | No. of Cases removed to Hospital from each Sub-District. | | | | |
|---|----------------------------------|----------------|---------|----------|-----------|-----------|-----------|--|----------|------|--------|--|----------|------|----------------------|-----------------|
| | At all Ages. | At Ages—Years. | | | | | | Poplar. | Bromley. | Bow. | Total. | Poplar. | Bromley. | Bow. | Total Cases Removed. | |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | | | | | | | | | 65 and upwards. |
| Small-pox ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | ... | 1 | 1 | 2 | ... | 1 | 1 | 2 |
| Cholera (C), Plague (P) ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria (including Membranous Croup) ... | 305 | 8 | 150 | 133 | 9 | 5 | ... | ... | 124 | 137 | 44 | 305 | *111 | *115 | *39 | *265 |
| Erysipelas... .. | 94 | 2 | 4 | 17 | 2 | 24 | 30 | 15 | 29 | 38 | 27 | 94 | †10 | †6 | †10 | †26 |
| Scarlet Fever ... | 231 | 3 | 74 | 137 | 11 | 6 | ... | ... | 97 | 82 | 52 | 231 | ‡87 | ‡71 | ‡41 | ‡199 |
| Typhus Fever ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric Fever ... | 12 | ... | ... | 3 | 3 | 5 | 1 | ... | 8 | 3 | 1 | 12 | ¶5 | ¶3 | ¶1 | ¶9 |
| Relapsing Fever ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Continued Fever... .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever ... | 12 | ... | ... | ... | 2 | 10 | ... | ... | 2 | 5 | 5 | 12 | §1 | §4 | §4 | §9 |
| Cerebro-Spinal Meningitis ... | 9 | 2 | 2 | 3 | 2 | ... | ... | ... | 3 | 4 | 2 | 9 | **3 | **4 | **2 | **9 |
| Poliomyelitis ... | 4 | 3 | 1 | ... | ... | ... | ... | ... | 2 | ... | 2 | 4 | ††2 | ... | ††1 | ††3 |
| Ophthalmia Neonatorum ... | 36 | 36 | ... | ... | ... | ... | ... | ... | 21 | 7 | 8 | 36 | ... | ... | ... | ... |
| Pulmonary Tuberculosis ... | 625 | 7 | 32 | 93 | 95 | 285 | 106 | 7 | 221 | 238 | 166 | 625 | ... | ... | ... | ... |
| Other forms of Tuberculosis ... | 225 | 6 | 51 | 133 | 16 | 17 | 1 | 1 | 87 | 86 | 52 | 225 | ... | ... | ... | ... |
| Zymotic Enteritis | 786 | 134 | 301 | 66 | 54 | 90 | 73 | 18 | 217 | 414 | 105 | 736 | ... | ... | ... | ... |
| Chicken Pox \|\|\| ... | 44 | 8 | 73 | 61 | 2 | ... | ... | ... | 57 | 63 | 24 | 144 | ††3 | ††4 | †3 | †10 |
| Totals ... | 2435 | 209 | 688 | 647 | 196 | 442 | 212 | 41 | 868 | 1078 | 489 | 2435 | 222 | 208 | 102 | 532 |

* See page 65. † See page 62. ‡ See page 62. ¶ See page 63. § See page 61.
** See page 78. †† See page 79. ||| Notifiable from March 27th to June 30th.
††† Five cases to Sick Asylum (3 Poplar, 2 Bow), 5 cases Cleveland Street Infirmary (4 Bromley, 1 Bow.)

TABLE XX.

METROPOLITAN BOROUGH OF POPLAR.

POPLAR SUB-DISTRICT.

Cases of Infectious Disease notified during the Year 1918.

| NOTIFIABLE DISEASE. | CASES NOTIFIED IN WHOLE SUB-DISTRICT. | | | | | | | | | No. of Cases removed to Hospital from Sub-District. |
|---|---------------------------------------|----------------|---------|----------|-----------|-----------|-----------|-----|-------------------|---|
| | At all Ages. | At Ages—Years. | | | | | | | 65 and upwards | |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | | | |
| Small-pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cholera, Plague | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria (including Mem- branous Croup) | 124 | 4 | 63 | 53 | 1 | 3 | ... | ... | ... | *111 |
| Erysipelas | 29 | ... | 2 | 6 | 1 | 5 | 9 | 6 | ... | †10 |
| Scarlet Fever | 97 | 3 | 34 | 58 | ... | 2 | ... | ... | ... | ‡87 |
| Typhus Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric Fever | 8 | ... | ... | 3 | 2 | 2 | 1 | ... | ... | ¶5 |
| Relapsing Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Continued Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever | 2 | ... | ... | ... | 1 | 1 | ... | ... | ... | §1 |
| Cerebro-Spinal Meningitis ... | 3 | ... | 1 | ... | 2 | ... | ... | ... | ... | **3 |
| Poliomyelitis | 2 | 1 | 1 | ... | ... | ... | ... | ... | ... | ††2 |
| Ophthalmia Neonatorum ... | 21 | 21 | ... | ... | ... | ... | ... | ... | ... | ... |
| Pulmonary Tuberculosis ... | 221 | 2 | 13 | 30 | 39 | 93 | 42 | 2 | ... | ... |
| Other forms of Tuberculosis | 87 | 3 | 16 | 53 | 6 | 8 | ... | 1 | ... | ... |
| Zymotic Enteritis | 217 | 50 | 92 | 22 | 15 | 19 | 17 | 2 | ... | ... |
| Chicken Pox \|\|\| ... .. | 57 | 3 | 37 | 16 | 1 | ... | ... | ... | ... | ††3 |
| Totals | 868 | 87 | 259 | 241 | 68 | 133 | 69 | 11 | ... | 222 |

* See page 65. † See page 62. ‡ See page 62. ¶ See page 63.

§ See page 61. ** See page 78. †† See page 79.

||| Notifiable from March 27th to June 30th. †† Sick Asylum.

TABLE XXI.

METROPOLITAN BOROUGH OF POPLAR.

BROMLEY SUB-DISTRICT.

Cases of Infectious Disease notified during the Year 1918.

| NOTIFIABLE DISEASE. | CASES NOTIFIED IN WHOLE SUB-DISTRICT. | | | | | | | | No. of Cases removed to Hospital from Sub-District. |
|--|---------------------------------------|----------------|---------|----------|-----------|-----------|-----------|-----------------|---|
| | At all Ages. | At Ages—Years. | | | | | | | |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | 65 and upwards. | |
| Small-pox | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 |
| Cholera, Plague | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria (including Membranous Croup) | 137 | 4 | 70 | 55 | 7 | 1 | ... | ... | *115 |
| Erysipelas | 38 | 2 | 1 | 10 | ... | 9 | 13 | 3 | †6 |
| Scarlet Fever | 82 | ... | 22 | 51 | 7 | 2 | ... | ... | ‡71 |
| Typhus Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric Fever | 3 | ... | ... | ... | 1 | 2 | ... | ... | ¶3 |
| Relapsing Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Continued Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever | 5 | ... | ... | ... | ... | 5 | ... | ... | §4 |
| Cerebro-Spinal Meningitis | 4 | 2 | 1 | 1 | ... | ... | ... | ... | **4 |
| Poliomyelitis | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ophthalmia Neonatorum | 7 | 7 | ... | ... | ... | ... | ... | ... | ... |
| Pulmonary Tuberculosis | 238 | 4 | 16 | 41 | 34 | 105 | 34 | 4 | ... |
| Other forms of Tuberculosis | 86 | 1 | 23 | 49 | 5 | 8 | ... | ... | ... |
| Zymotic Enteritis | 414 | 64 | 143 | 35 | 39 | 68 | 52 | 13 | ... |
| Chicken Pox \|\|\| ... .. | 63 | 3 | 27 | 33 | ... | ... | ... | ... | ‡‡4 |
| Totals | 1078 | 87 | 303 | 275 | 93 | 200 | 100 | 20 | 208 |

* See page 65. † See page 62. ‡ See page 62. ¶ See page 63. § See page 61.

** See page 78.

||| Notifiable from March 27th to June 30th.

‡‡ Cleveland Street Infirmary.

TABLE XXII.

METROPOLITAN BOROUGH OF POPLAR.

BOW SUB-DISTRICT.

Cases of Infectious Disease notified during the Year 1918.

| NOTIFIABLE DISEASE. | CASES NOTIFIED IN WHOLE SUB-DISTRICT. | | | | | | | | No. of Cases removed to Hospital from Sub-District. |
|--|---------------------------------------|----------------|---------|----------|-----------|-----------|-----------|-----------------|---|
| | At all Ages. | At Ages—Years. | | | | | | | |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | 65 and upwards. | |
| Small-pox | 1 | ... | ... | 1 | ... | ... | ... | ... | 1 |
| Cholera, Plague | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria (including Membranous Croup) | 44 | .. | 17 | 25 | 1 | 1 | .. | ... | *39 |
| Erysipelas | 27 | ... | 1 | 1 | 1 | 10 | 8 | 6 | †10 |
| Scarlet Fever | 52 | ... | 18 | 28 | 4 | 2 | ... | ... | ‡41 |
| Typhus Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric Fever | 1 | ... | ... | ... | ... | 1 | ... | ... | ¶1 |
| Relapsing Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Continued Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever | 5 | ... | ... | ... | 1 | 4 | ... | ... | §4 |
| Cerebro-Spinal Meningitis | 2 | ... | ... | 2 | ... | ... | ... | ... | **2 |
| Poliomyelitis | 2 | 2 | ... | ... | ... | ... | ... | ... | ††1 |
| Ophthalmia Neonatorum | 8 | 8 | ... | ... | ... | ... | ... | ... | ... |
| Pulmonary Tuberculosis | 166 | 1 | 3 | 22 | 22 | 87 | 30 | 1 | ... |
| Other forms of Tuberculosis | 52 | 2 | 12 | 31 | 5 | 1 | 1 | ... | ... |
| Zymotic Enteritis | 105 | 20 | 66 | 9 | ... | 3 | 4 | 3 | ... |
| Chicken Pox \|\|\| ... .. | 24 | 2 | 9 | 12 | 1 | ... | ... | ... | ‡‡3 |
| Totals | 489 | 35 | 126 | 131 | 35 | 109 | 43 | 10 | 102 |

* See page 65. † See page 62. ‡ See page 62. ¶ See page 63. § See page 61.

** See page 78. †† See page 79. ||| Notifiable from March 27th to June 30th.

‡‡ Two to Sick Asylum and one to Cleveland Street Infirmary.

ZYMOTIC DISEASES.*

NOTIFICATIONS ; INSTITUTIONS ; ERRORS IN DIAGNOSIS ; INFECTIOUS DISEASES IN MILK SHOPS AND ON HOMEWORKERS' PREMISES.

NOTIFICATIONS.

There were 265 notifications of infectious diseases in Poplar, 270 in Bromley, and 134 in Bow, making a total of 669 for the Borough of Poplar ; these do not include 29 second notifications.

In the above figures no deductions have been made for cases removed to the Metropolitan Asylums Board's hospitals, which were certified as not having a notifiable disease.

The notification rate per 1,000 living being :—

| | | Poplar. | | Bromley. | | Bow. | | Borough of Poplar. |
|------|----|---------|----|----------|----|-------|----|-----------------------|
| 1914 | .. | 8·21 | .. | 8·64 | .. | 9·16 | .. | 8·62 |
| 1915 | .. | 7·77 | .. | 8·77 | .. | 10·27 | .. | 8·80 |
| 1916 | .. | 5·92 | .. | 5·37 | .. | 6·87 | .. | 5·94 |
| 1917 | .. | 6·38 | .. | 5·46 | .. | 4·33 | .. | 5·50 |
| 1918 | .. | 5·46 | .. | 4·83 | .. | 3·80 | .. | 4·79 |

* Exclusive of Zymotic Enteritis.

INSTITUTIONS.

Notifications of parishioners from Institutions (excluding cases which had been notified before admission) within the sub-districts of Poplar and Bromley were as follows:—

| | Total Cases. | NOTIFICATIONS. | | | | | | | | REMOVALS. | | | | | | |
|---|--------------|--------------------|--------------|------------------------|-------------|-------------|----------------|------------------|-------------|--------------------|--------------|-------------|-------------|----------------|------------------|-------------|
| | | Zymotic Enteritis. | Chicken-pox. | Ophthalmia Neonatorum. | Scarlatina. | Diphtheria. | Typhoid Fever. | Puerperal Fever. | Erysipelas. | Zymotic Enteritis. | Chicken-pox. | Scarlatina. | Diphtheria. | Typhoid Fever. | Puerperal Fever. | Erysipelas. |
| Poplar Union Work-house | 6 | .. | 1 | .. | .. | 1 | .. | .. | 4 | .. | *1 | .. | *1 | .. | .. | *4 |
| Sick Asylum .. | 5 | .. | 1 | .. | \|\|3 | §1 | .. | .. | .. | .. | †1 | \|\|3 | §1 | .. | .. | .. |
| Bow Institution .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bromley House Institution | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Langley House, 54, East India Dock Road | 3 | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | *2 | .. | **1 | .. | .. | .. |
| Poplar Hospital .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | ‡1 | .. | .. | .. |

* Admitted into Sick Asylum. † Admitted to Cleveland Street Infirmary. § Staff. Admitted to M.A.B. Hospital. || Two cases members of Staff admitted to M.A.B. Hospitals, 1 other case admitted to Cleveland Street Infirmary. ‡ Admitted to London Fever Hospital. ** Admitted to M.A.B. Hospital.

Of the 265 patients notified in Poplar, 219 were removed to hospitals and institutions; of the 270 in Bromley 204 were isolated, and of the 134 in Bow 99 were removed, so that of a total of 669 notifiable diseases in the Borough 520 patients had been removed from their homes.*

ERRORS IN DIAGNOSIS.

The corrected number of notifications would be—

| | | | | | | | | |
|-------------------|-----|---|----|---|-----|----|------|------------------|
| Poplar | 265 | — | 9 | = | 256 | or | 5.28 | per 1000 living. |
| Bromley | 270 | — | 8 | = | 262 | or | 4.68 | .. |
| Bow | 134 | — | 1 | = | 133 | or | 3.77 | .. |
| Borough of Poplar | 669 | — | 18 | = | 651 | or | 4.66 | .. |

* See Tables XIX.—XXII., pages 46–49.

INFECTIOUS DISEASES IN MILKSHOPS AND HOMEWORKERS' PREMISES.

Three cases of infectious disease were connected with milkshops in the Borough : 0 in Poplar ; 3 in Bromley ; and 0 in Bow. The sale of milk was stopped until after the premises and utensils had been disinfected.

Twenty-nine premises with outworkers were connected with infectious cases notified : 6 in Poplar, 9 in Bromley, and 14 in Bow—19 measles and 10 other infectious diseases.

No notices were served under the Factory and Workshop Act, 1901, Sections 108 and 110, but, where there was any risk of infection the work was discontinued, and any work found on the premises was disinfected before being returned. Nineteen cases of measles were connected with out-workers' premises : 5 Poplar, 8 Bromley, and 6 Bow.

DISINFECTING DEPARTMENT.

ROOMS AND ARTICLES (INFECTIOUS AND VERMINOUS) DISINFECTED.

The following figures give the number of rooms and articles disinfected :—

| Sub-District, &c. | Rooms. | Beds | Mattresses and Palliasses | Pillows. | Bolsters. | Various. | Totals. |
|------------------------|--------|------|---------------------------|----------|-----------|----------|---------|
| Poplar | 306 | 273 | 192 | 862 | 294 | 3,425 | 5,046 |
| Bromley | 299 | 299 | 183 | 895 | 322 | 3,682 | 5,381 |
| Bow | 164 | 164 | 77 | 473 | 168 | 1,923 | 2,810 |
| Totals | 769 | 736 | 452 | 2,230 | 784 | 9,035 | 13,237 |
| Miscellaneous | 192 | 239 | 31 | 526 | 167 | 2,913 | 3,876 |
| Totals | 961 | 975 | 483 | 2,756 | 951 | 11,948 | 17,113 |
| Pulmonary Tuberculosis | 162 | 87 | 8 | 275 | 87 | 995 | 1,452 |
| Totals | 1,123 | 1062 | 491 | 3,031 | 1,038 | 12,943 | 13,565 |

Other articles also passed through the Council's apparatus, from the Shelter, Glaucus Street, disinfectors' clothing, overalls, drop-sheets, etc., to the number of 22,721 and 65,740 articles of clothing from verminous persons were disinfected.

Making a total of 107,026 articles.

ELECTROLYTIC DISINFECTING FLUID.

OUTPUT OF FLUID ; DISTRIBUTION OF FLUID ; COST OF MATERIAL AND ELECTRICITY ; BOTTLES, CORKS AND LABELS : TOTAL QUANTITY MANUFACTURED SINCE INSTALLATION OF PLANT ; ESTIMATE FOR THE YEAR ENDED 31ST MARCH, 1918, AND EXPENDITURE FOR YEAR ENDED 31ST MARCH, 1918, AVERAGE EXPENDITURE FOR THREE YEARS ENDED 31ST MARCH, 1918, ESTIMATE FOR YEAR ENDED 31ST MARCH, 1919, AND FOR YEAR ENDING 31ST MARCH, 1920 ; SPRAYING AND CLEANSING FLOORS OF LONDON COUNTY COUNCIL SCHOOLS WITH ELECTROLYTIC DISINFECTING FLUID ; SWIMMING BATHS, THE USE THEREIN OF THE ELECTROLYTIC FLUID ; COMMENTS ON ADVERSE CRITICISMS ; EPIDEMIC INFLUENZA, SEE PAGE 75.

OUTPUT OF FLUID.

At the seven depots the electrolytic fluid was still in great demand by the public.

The output of fluid during each month of the year 1915 was as follows :—

| | | Manufactured Gallons. | | Broken down to Gallons and Distributed. |
|-----------|-------|--------------------------|----|---|
| January | .. .. | 825 | .. | 1,650 |
| February | .. .. | 1,350 | .. | 2,700 |
| March | .. .. | 1,875 | .. | 3,750 |
| April | .. .. | 2,205 | .. | 4,410 |
| May | .. .. | 2,685 | .. | 5,370 |
| June | .. .. | 3,330 | .. | 6,660 |
| July | .. .. | 3,855 | .. | 7,710 |
| August | .. .. | 4,035 | .. | 8,070 |
| September | .. .. | 2,760 | .. | 5,520 |
| October | .. .. | 3,180 | .. | 6,360 |
| November | .. .. | 2,835 | .. | 5,670 |
| December | .. .. | 1,815 | .. | 3,630 |
| Total | .. .. | 30,750 | .. | 61,500 |

Since the beginning of August, 1914, the fluid has been manufactured of greater strength, being afterwards broken down to half strength for distribution.

DISTRIBUTION OF FLUID.

The fluid was distributed as follows:—

| | | |
|-----|--|-----------------|
| 1. | Violet Road Depot | 27,824½ gallons |
| 2. | Bickmore Street Depot | 5,745 " |
| 3. | Old Ford Road Depot | 3,624 " |
| 4. | Ford Road Depot | 2,940 " |
| 5. | Trego Road Depot | 2,505 " |
| 6. | Stebondale Street Depot | 3,480 " |
| 7. | Millwall Depot | 780 " |
| 8. | Public Health Offices | 108 " |
| 9. | Poplar Baths | 3,085 " |
| 10. | Bow Baths | 4,042 " |
| 11. | Millwall Baths | 97 " |
| 12. | Poplar Town Hall | 84 " |
| 13. | Bromley Public Hall | 42 " |
| 14. | Works Department | 976 " |
| 15. | Guardians' Offices | 285 " |
| 16. | Poplar Union Workhouse | 921 " |
| 17. | Langley House | 147 " |
| 18. | Poplar Training School, Hutton | 4½ " |
| 19. | Public Libraries | 90 " |
| 20. | Used at Council's Shelter in baths of verminous persons | 622 " |
| 21. | London County Council Schools | 1,536 " |
| 22. | Mortuary, High Street, Poplar | 696 " |
| 23. | Borough of Poplar Dispensary | 40 " |
| 24. | Military Guard Posts, etc. | 74 " |
| 25. | Private Firms in Borough | 1,395 " |
| 26. | Bow Church Institute | 51 " |
| 27. | Council Offices, Poplar | 72 " |
| 28. | East London Federation of Suffragettes | 204 " |
| 29. | Kingsley Hall | 18 " |
| 30. | Wellington Road Air Raid Shelter | 12 " |
| | Total | <u>61,500</u> " |

COST OF MATERIAL AND ELECTRICITY.

The cost of material in manufacturing 30,750 (strong) gallons of the electrolytic fluid was as follows:—

| | £ | s. | d. |
|--|------|----|----|
| Electricity, 7,438 units at 1½d. (with 10 per cent. advance) per unit | 51 | 2 | 8 |
| *Chloride of Magnesium, 4 tons 10 cwts. .. | 58 | 10 | 0 |
| *Salt, 6 tons 10 cwts. | 22 | 8 | 6 |
| *Caustic Soda, 10 cwts. 1 qr. 4 lbs.... .. | 30 | 16 | 0 |
| Water | 2 | 11 | 3 |
| <hr/> | | | |
| Total cost of materials to produce 30,750 gallons (strong) broken down to 61,500 gallons | £165 | 8 | 5 |
| Electric motor for stirring: 91 units .. | 0 | 12 | 6 |

BOTTLES, CORKS AND LABELS.

| | | | |
|------------------------------------|-----|----|---|
| Bottles | 39 | 13 | 6 |
| Corks | 4 | 9 | 0 |
| Labels (no labels ordered) | | | — |
| <hr/> | | | |
| | £44 | 2 | 6 |
| <hr/> | | | |

TOTAL QUANTITY MANUFACTURED SINCE INSTALLATION OF PLANT.

Since the installation of the plant, a period of 13 years, 504,219 gallons of fluid have been manufactured (see footnote page 56) at a cost for electricity of £586 8s. 4½d., and materials of £645 9s. 3d., about ½d. per gallon (previous to the war the cost was under ½d. per gallon, but even with the strong fluid which at present is being made and is broken down the cost is still about ½d. per gallon when the gallons are reckoned in bulk)†.

* On account of the war the price of these materials was increased.

† See "Comments on Adverse Criticism," Annual Report, 1911.

| Year. | Output, gallons. | Material, Chloride of Magnesium, Salt, Caustic Soda and Water. Cost. | | | Electricity. | | | Total. | | |
|----------|---------------------|---|----|-----|--------------|----|-----|--------|----|------|
| | | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| 1906 .. | 17,000 | 17 | 12 | 5 | 15 | 17 | 10 | 33 | 10 | 3 |
| 1907 .. | 15,586 | 14 | 16 | 9 | 14 | 13 | 2 | 29 | 9 | 11 |
| 1908 .. | 28,280 | 27 | 14 | 7 | 28 | 7 | 10 | 56 | 2 | 5 |
| 1909 .. | 27,216 | 23 | 4 | 7 | 29 | 17 | 7½ | 53 | 2 | 2½ |
| 1910 .. | 50,726 | 47 | 11 | 10 | 50 | 10 | 6 | 98 | 2 | 4 |
| 1911 .. | 53,063 | 50 | 17 | 9 | 56 | 16 | 7½ | 107 | 14 | 4½ |
| 1912 .. | 54,388 | 41 | 7 | 10 | 59 | 14 | 4½ | 101 | 2 | 2½ |
| 1913 .. | 66,740 | 62 | 7 | 3 | 71 | 0 | 10½ | 133 | 8 | 1½ |
| 1914 .. | 68,795† | 59 | 16 | 11† | 75 | 0 | 3† | 134 | 17 | 2† |
| 1915 .. | 36,985† | 35 | 19 | 3† | 48 | 12 | 0† | 84 | 11 | 3† |
| 1916 .. | 26,790† | 74 | 4 | 0† | 40 | 3 | 1† | 114 | 7 | 1† |
| 1917 ... | 27,900† | 75 | 10 | 4† | 44 | 11 | 6½† | 120 | 1 | 10½† |
| 1918 .. | 30,750† | 114 | 5 | 9† | 51 | 2 | 8† | 165 | 8 | 5† |
| Total | 504,219 | £645 | 9 | 3 | £586 | 8 | 4½ | £1,231 | 17 | 7½ |

The Public Health Department is not only furnished with the disinfectant and the various institutions of the Council (the public baths, etc.), but the institutions of the Managers of the Sick Asylum and of the Board of Guardians (within and without the Borough) are supplied with an unlimited quantity free if required.

For the Fluid supplied to the Works Department a charge of 1d per gallon is made; the Public Health Department is credited with this amount although no actual monetary transaction takes place.

As applicants now usually bring their own receptacles to the depots, there is also a very appreciable saving in the expense on bottles alone.

From October, 1915, for Electrolytic Disinfectant supplied to manufacturers and trading concerns, a charge of 8d. per gallon is to be made through the Electricity Department, the Electricity Undertaking being allowed an amount of 10 per cent. for establishment charges.

* See "Comments on Adverse Criticism," Annual Report, 1911.

† On page 53 it will be seen that the fluid is made of greater strength and afterwards broken down to half strength for distribution, more electrical current being used.

Gallons distributed:—

| | |
|----------|--------|
| 1914 ... | 88,425 |
| 1915 ... | 73,970 |
| 1916 ... | 53,580 |
| 1917 ... | 55,800 |
| 1918 ... | 61,500 |

The diminution is due to not such a lavish distribution on account of increased prices and difficulty of obtaining materials.

ESTIMATE FOR THE YEAR ENDED 31ST MARCH, 1918, AND EXPENDITURE FOR YEAR ENDED 31ST MARCH, 1918,
 AVERAGE EXPENDITURE FOR THREE YEARS ENDED 31ST MARCH, 1918, ESTIMATE FOR YEAR ENDED 31ST MARCH,
 1919, AND FOR YEAR ENDING 31ST MARCH, 1920.

| Electrolytic Disinfectant. | Estimate for year ended 31st March, 1918. | | Expenditure for year ended 31st March, 1918. | | Average Expenditure for 3 years ended 31st March, 1918. | | Estimate for year ending 31st March, 1919. | | Estimate for year ending 31st March, 1920. | | No. |
|---|---|---|--|---|---|---|--|---|--|---|-----|
| | £ | £ | £ | £ | £ | £ | £ | £ | £ | £ | |
| 1 Wages & War Bonuses (Manufacturing, bottling & delivery to Depots, Guardians' Institutions, and Sick Asylums) | 330 | | 327 | | 298 | | 450a | | 500 | | 1 |
| 2 Rent, Rates and Insurance—Main Depot | 75 | | 63 | | 63 | | 80 | | 80 | | 2 |
| 3 Supervision of Plant | 15 | | 15 | | 15 | | 15 | | 15 | | 3 |
| 4 Electricity and Water | 60 | | 61 | | 59 | | 90 | | 90 | | 4 |
| 5 Materials (Chemicals) | 100 | | 100 | | 80 | | 100 | | 100 | | 5 |
| 6 Bottles, Corks, Wax, Labels and Paste | 53 | | 9 | | 23 | | 24 | | 20 | | 6 |
| 7 Sundries (including Testing Apparatus and Carboys) ... | 32 | | 16 | | 19 | | 32 | | 32 | | 7 |
| 8 Repairs—Depot... .. | 40 | | 34 | | 50 | | 40 | | 50 | | 8 |
| | 735 | | 625 | | 607 | | 831 | | 887 | | |
| 9 Issuing—Wages and War Bonuses—(Old Ford Road, Trego Road, Ford Road, Bickmore Street, West Ferry Road, and Stebondale Street Depots) | 295 | | 335 | | 288 | | 408b | | 470 | | 9 |
| 10 Issuing—Cartage | 34 | | 28 | | 25 | | 50 | | 30 | | 10 |
| 11 Rent—Issuing Depots (Ford Road, Trego Road and Stebondale Street) | 32 | | 31 | | 31 | | 32 | | 32 | | 11 |
| 12 Sundries and Petty Expenses | 16 | | 9 | | 6 | | 8 | | 10 | | 12 |
| | 377 | | 403 | | 350 | | 498 | | 542 | | |
| | 1,112 | | 1,028 | | 957 | | 1,329 | | 1,429 | | |
| 13 Less—Sale of Fluid | 50 | | 41 | | 35 | | 60 | | 60 | | 13 |
| | 1,062 | | 987 | | 922 | | 1,269 | | 1,369 | | |

Item No. 1 (A)—Includes Supplementary Estimate £50.

Item No 9 (B)—Includes Supplementary Estimate £38.

SPRAYING AND CLEANSING FLOORS OF LONDON COUNTY COUNCIL
SCHOOLS WITH ELECTROLYTIC DISINFECTING FLUID.

1,536 gallons were supplied to four London County Council Public Elementary Schools for spraying and cleansing floors of class rooms.

SWIMMING BATHS, THE USE THEREIN OF THE ELECTROLYTIC FLUID.

The fluid continues to be added to the water in the swimming baths in the same quantity and strength as mentioned in the Annual Report for the year 1909, viz., 1 part of Chlorine to 2,000,000 parts of water. 3,085 gallons were supplied to the Poplar Baths, 4,042 gallons to the Bow Baths, and 97 gallons to the Island Baths, making a total of 7,224 gallons.

COMMENTS ON ADVERSE CRITICISMS RESPECTING THE PROCESS.

See Annual Report, 1911.

In spite of adverse criticisms, the process has been a success for thirteen years.

**VERMINOUS CHILDREN ATTENDING SCHOOLS.
LONDON COUNTY COUNCIL (GENERAL POWERS)
ACT, 1907, CHILDREN ACT, 1908.**

NUMBER OF VERMINOUS CHILDREN BATHED ; ITCH CASES.

NUMBER OF VERMINOUS CHILDREN BATHED.

| Quarter. | Total number of Cleansings. | Amount. |
|-------------------|-----------------------------------|-----------|
| 1918. | | £ s. d. |
| March | 1,527 | 76 7 0 |
| June | 1,085 | 54 5 0 |
| September | 694 | 34 14 0 |
| December | 1,151 | 57 11 0 |
| Totals | 4,457 | £222 17 0 |

4,964 children (1,904 boys and 2,160 girls) belonging to the Borough and 365 children (173 boys and 192 girls) outside the Borough were bathed and their clothes disinfested.

Miss Tattersall made 94 visits in connection with verminous (not itch) school children—38 Poplar, 40 Bromley, and 16 Bow.

Cleansing of Verminous Rooms, see page 97.

ITCH CASES.

The itch cases are included in the verminous cases.

Miss Tattersall made 530 visits in connection with children suffering from itch—148 Poplar, 244 Bromley, and 138 Bow.

CLEANSING OF PERSONS ACT, 1897.

During the year 159 persons (123 men and 36 women) (including 79 from Common Lodging Houses—see below) had applied for baths and for their clothes to be disinfested. Since the notices were posted throughout the Borough, a total of 6,148 persons, exclusive of non-residents, had applied for baths, etc., as mentioned above.

VERMINOUS PERSONS IN COMMON LODGING HOUSES, LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1907.

NUMBER OF PERSONS CLEANSED WITHIN AND WITHOUT BOROUGH FROM COMMON LODGING HOUSES.

The following number of persons from Common Lodging Houses within and without the Borough of Poplar were cleansed at the Council's

Cleansing Station, Glaucus Street, during the year ended 31st December, 1918.

| Common Lodging House, etc. | Male. | Female | Total. |
|--|-------|--------|--------|
| Bow Chambers, 193-7, Bow Road.. .. | 54 | — | 54 |
| St. James' Chambers, 217, High Street, Poplar | 25 | — | 25 |
| | 79 | — | 79 |
| From Common Lodging Houses without Borough of Poplar— | | | |
| Whitechapel | — | 8 | 8 |
| | — | 8 | 8 |

PLAGUE.

No case of this disease was notified during the year.

ANTHRAX, GLANDERS, AND HYDROPHOBIA IN MAN.

ANTHRAX ; LONDON NOTIFICATION OF GLANDERS ORDER, 1907 ;
HYDROPHOBIA.

ANTHRAX.

No case was notified.

LONDON NOTIFICATION OF GLANDERS ORDER, 1907.

In accordance with the London (Notification of Glanders) Order, 1907, one notice was received from the Veterinary Inspector of the London County Council of the existence of Glanders at premises in the Borough.

HYDROPHOBIA.

No case of this disease was notified during the year.

PUERPERAL FEVER.*

* See page 29 as to what diseases are included under Puerperal Fever.

NUMBER OF CASES.

Twelve cases of puerperal fever were notified—2 Poplar, 5 Bromley, and 5 Bow.

REMOVALS.

Poplar (London Hospital, 1); Bromley (Sick Asylum, 4); Bow (Sick Asylum, 3, London Temperance Hospital, 1); so that nine patients out of twelve notified were removed.

DEATHS.

Six patients died—1 Poplar, 3 Bromley, and 2 Bow.

SMALL-POX.

Two cases of small-pox were notified during the year—0 Poplar, 1 Bromley, 1 Bow. No deaths occurred.

VACCINATION.**VACCINATION RETURN, 1917.**

The Vaccination Officer, Mr. Ryan, has kindly furnished me with the following statistics, which are the latest Local Government Board's Vaccination Return for the year 1917.

1917

1st January to 31st December.

| | Births notified. | Successful Vaccinations. | Insusceptible. | Dead. |
|---------------|------------------|-----------------------------|----------------|-------|
| Poplar | 1,271 | 331 | 1 | 101 |
| Bromley | 1,500 | 325 | — | 116 |
| Bow | 823 | 157 | — | 60 |
| | — | — | — | — |
| Totals | 3,597 | 813 | 1 | 277 |
| | — | — | — | — |

ERYSIPELAS.

94 cases of erysipelas were notified during the year: 29 Poplar, 38 Bromley, and 27 Bow. 26 patients were isolated as follows:—

POPLAR SUB-DISTRICT.

Sick Asylum 10

BROMLEY SUB-DISTRICT.

Sick Asylum 6

BOW SUB-DISTRICT.

Sick Asylum 10

Three deaths occurred—0 Poplar, 2 Bromley, and 1 Bow.

SCARLET FEVER.

The number of Scarlet Fever cases notified for the three sub-districts and the deaths which occurred for the past five years were as follows:—

| | | Poplar. | Bromley. | Bow. | Borough of Poplar. |
|------|-------------------|---------|----------|------|-----------------------|
| 1914 | Cases notified .. | 233 | 243 | 187 | 663 |
| | Deaths | 1 | 6 | 3 | 10 |
| 1915 | Cases notified .. | 168 | 169 | 142 | 479 |
| | Deaths | 4 | 4 | — | 8 |
| 1916 | Cases notified .. | 114 | 103 | 91 | 308 |
| | Deaths | 0 | 5 | 2 | 7 |
| 1917 | Cases notified .. | 81 | 74 | 50 | 205 |
| | Deaths | 1 | 1 | 2 | 4 |
| 1918 | Cases notified .. | 97 | 82 | 52 | 231 |
| | Deaths | 0 | 2 | 0 | 2 |

87 cases in Poplar (Sub-District) were removed to the Metropolitan Asylums Board's Hospitals, 70 in Bromley and 41 in Bow, and 1 Bromley case to the London Fever Hospital. So that 199 patients out of 231 notified cases in the Borough were isolated.

CONTINUED AND TYPHUS FEVER.

No cases of continued and typhus fever were notified.

TYPHOID FEVER.

NOTIFICATIONS ; RATE PER 1,000 LIVING ; ERRORS IN DIAGNOSIS ;
BACTERIOLOGICAL EXAMINATIONS OF DOUBTFUL AND CONVALESCENT
CASES ; DEATHS.

NOTIFICATIONS.

The Typhoid Fever cases notified were :—

| | | Poplar. | | Bromley. | | Bow. | Borough of Poplar. | |
|------|----|---------|----|----------|----|------|-----------------------|-----|
| 1914 | .. | 15 | .. | 13 | .. | 6 | .. | 34 |
| 1915 | .. | 10 | .. | 7 | .. | 1 | .. | 18 |
| 1916 | .. | 7 | .. | 7 | .. | 5 | .. | 19 |
| 1917 | .. | 19 | .. | 16 | .. | 4 | .. | 39 |
| 1918 | .. | 8 | .. | 3 | .. | 1 | .. | 12* |

| | | 1st quarter. | | 2nd quarter. | | 3rd quarter. | | 4th quarter. | | Total. |
|---------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------|
| Poplar | .. | 5 | .. | — | .. | 1 | .. | 2 | .. | 8 |
| Bromley | .. | 1 | .. | — | .. | — | .. | 2 | .. | 3 |
| Bow | .. | — | .. | — | .. | 1 | .. | — | .. | 1 |
| | | — | | — | | — | | — | | — |
| | | 6 | | — | | 2 | | 4 | | 12 |
| | | — | | — | | — | | — | | — |

* The lowest number of cases recorded.

Notifications per 1,000 living :—

| | | Poplar. | | Bromley. | | Bow. | Borough of Poplar. | |
|------|----|---------|----|----------|----|------|-----------------------|------|
| 1914 | .. | 0·26 | .. | 0·20 | .. | 0·14 | .. | 0·21 |
| 1915 | .. | 0·18 | .. | 0·11 | .. | 0·02 | .. | 0·11 |
| 1916 | .. | 0·12 | .. | 0·11 | .. | 0·12 | .. | 0·12 |
| 1917 | .. | 0·38 | .. | 0·27 | .. | 0·11 | .. | 0·27 |
| 1918 | .. | 0·16 | .. | 0·05 | .. | 0·02 | .. | 0·08 |

ISOLATION.

Five cases in Poplar, three in Bromley and one in Bow were removed to various hospitals, as follows :—

POPLAR (SUB-DISTRICT).

| | | | |
|--|----|----|---|
| Metropolitan Asylums Board's Hospitals | .. | .. | 5 |
|--|----|----|---|

BROMLEY.

| | | | |
|--|----|----|---|
| Metropolitan Asylums Board's Hospitals | .. | .. | 2 |
| Sick Asylum | .. | .. | 1 |
| | | | — |
| | | | 3 |
| | | | — |

BOW.

| | | | |
|---------------------------------------|----|----|---|
| Metropolitan Asylums Board's Hospital | .. | .. | 1 |
|---------------------------------------|----|----|---|

ERRORS OF DIAGNOSIS.

Two cases sent to Metropolitan Asylums Board Hospitals from Poplar were certified as not suffering from typhoid fever

BACTERIOLOGICAL EXAMINATIONS OF DOUBTFUL CASES.

Twelve specimens of blood from doubtful cases of typhoid fever were forwarded to the Lister Institute of Preventive Medicine. In two instances (16.6 per cent.) the typhoid (Widal) reaction was obtained.

DEATHS.

One Poplar patient died from typhoid fever, making a total of one death in 10 (corrected) cases.

DIPHTHERIA, INCLUDING MEMBRANOUS CROUP.

NOTIFICATIONS ; DEATHS ; BACTERIOLOGICAL EXAMINATIONS ; ERRORS IN DIAGNOSIS ; ISOLATION ; THE DIPHTHERIA ANTI-TOXIN (LONDON) ORDER, 1910,

NOTIFICATIONS.

One hundred and twenty four cases of diphtheria were notified in Poplar, 137 cases were notified in Bromley, and 44 cases were notified in Bow, making a total of 305 cases for the whole Borough.

Cases notified :—

| | Poplar. | Bromley | Bow. | Borough of Poplar. |
|---------|---------|---------|------|-----------------------|
| 1914 .. | 89 | 154 | 109 | 352 |
| 1915 .. | 86 | 120 | 104 | 310 |
| 1916 .. | 104 | 124 | 111 | 339 |
| 1917 .. | 148 | 150 | 68 | 366 |
| 1918 .. | 124 | 137 | 44 | 305 |

Notifications per 1,000 living :—

| | Poplar. | Bromley. | Bow. | Borough of Poplar. |
|---------|---------|----------|------|-----------------------|
| 1914 .. | 1.59 | 2.39 | 2.68 | 2.18 |
| 1915 .. | 1.58 | 1.91 | 2.63 | 1.98 |
| 1916 .. | 1.93 | 1.99 | 2.83 | 2.18 |
| 1917 .. | 2.97 | 2.61 | 1.87 | 2.55 |
| 1918 .. | 2.55 | 2.45 | 1.25 | 2.18 |

DEATHS.

Number of deaths for the past five years was as follows :—

| | Poplar. | Bromley. | Bow. | Borough of Poplar. | Mortality per 100 cases notified. |
|---------|---------|----------|------|-----------------------|---|
| 1914 .. | 7 | 17 | 15 | 39 | 11.07 |
| 1915 .. | 17 | 10 | 10 | 37 | 11.93 |
| 1916 .. | 11 | 8 | 9 | 28 | 8.25 |
| 1917 .. | 6 | 13 | 4 | 23 | 6.28 |
| 1918 .. | 8 | 16 | 7 | 31 | 10.16 |

For death rates from diphtheria, also see Table XVII., page 45.

BACTERIOLOGICAL EXAMINATIONS.

193 swabbings from throats of doubtful cases of diphtheria were forwarded for bacteriological examination to the Lister Institute of Preventive Medicine. The bacillus diphtheriæ was isolated in 57 instances (29·5 per cent.).

ERRORS IN DIAGNOSIS.

Twelve cases of diphtheria admitted into Metropolitan Asylums Board's hospitals were certified as not having the complaint, 4 Poplar, 7 Bromley and 1 Bow.

No deductions have been made in respect of these patients.

ISOLATION.

111 cases in Poplar, 115 in Bromley, and 39 in Bow were removed to various hospitals for treatment as follows:—

POPLAR (SUB-DISTRICT).

| | | | |
|--|----|----|-----|
| Metropolitan Asylums Board's Hospitals | .. | .. | 109 |
| Sick Asylum | .. | .. | 1 |
| Poplar Hospital | .. | .. | 1 |
| | | | — |
| | | | 111 |
| | | | — |

BROMLEY.

| | | | |
|--|----|----|-----|
| Metropolitan Asylums Board's Hospitals | .. | .. | 115 |
|--|----|----|-----|

Bow.

| | | | |
|--|----|----|----|
| Metropolitan Asylums Board's Hospitals | .. | .. | 37 |
| Hackney Infirmary | .. | .. | 1 |
| Bethnal Green Military Hospital | .. | .. | 1 |
| | | | — |
| | | | 39 |
| | | | — |

THE DIPHTHERIA ANTI-TOXIN (LONDON) ORDER, 1910.

Ten thousand units of diphtheria anti-toxin were supplied to medical practitioners during the year.

WHOOPIING COUGH.

DEATHS.

| | Poplar. | Bromley. | Bow. | Borough of Poplar. |
|---------|---------|----------|------|-----------------------|
| 1914 .. | 8 | 9 | 8 | 25 |
| 1915 .. | 26 | 21 | 25 | 72 |
| 1916 .. | 6 | 21 | 16 | 43 |
| 1917 .. | 4 | 24 | 3 | 31 |
| 1918 .. | 35 | 14 | 12 | 61 |

INFLUENZA.

DEATHS.

| | Poplar. | Bromley. | Bow. | Borough of Poplar. |
|---------|---------|----------|------|-----------------------|
| 1914 .. | 4 | 7 | 6 | 17 |
| 1915 .. | 8 | 11 | 3 | 22 |
| 1916 .. | 1 | 7 | 2 | 10 |
| 1917 .. | 7 | 9 | 1 | 17 |
| 1918 .. | 175 | 218 | 131 | 524 |

POPLAR (WHOLE BOROUGH).

Influenza Deaths during the Year 1918.

| Age Periods. | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. |
|-----------------|-----------|----------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|
| Males | 224 | 5 | 15 | 19 | 21 | 27 | 67 | 43 | 27 |
| Females | 300 | 4 | 13 | 23 | 33 | 59 | 97 | 53 | 18 |
| Totals | 524 | 9 | 28 | 42 | 54 | 86 | 164 | 96 | 45 |

POPLAR (SUB-DISTRICT).

| Age Periods. | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. |
|-----------------|-----------|----------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|
| Males | 76 | 2 | 7 | 5 | 6 | 4 | 25 | 17 | 10 |
| Females | 99 | 1 | 4 | 5 | 12 | 21 | 28 | 20 | 8 |
| Totals | 175 | 3 | 11 | 10 | 18 | 25 | 53 | 37 | 18 |

BROMLEY (SUB-DISTRICT).

| Age Periods. | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. |
|-----------------|-----------|----------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|
| Males | 83 | 2 | 5 | 6 | 9 | 13 | 25 | 10 | 13 |
| Females | 135 | — | 4 | 10 | 19 | 28 | 47 | 19 | 8 |
| Totals | 218 | 2 | 9 | 16 | 28 | 41 | 72 | 29 | 21 |

BOW (SUB-DISTRICT).

| Age Periods. | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. |
|-----------------|-----------|----------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|
| Males | 65 | 1 | 3 | 8 | 6 | 10 | 17 | 16 | 4 |
| Females | 66 | 3 | 5 | 8 | 2 | 10 | 22 | 14 | 2 |
| Totals | 131 | 4 | 8 | 16 | 8 | 20 | 39 | 30 | 6 |

During the epidemic in the middle of November, while the facts were fresh in the memories of the practitioners, a circular letter was addressed to them asking for certain information, and the following are the questions submitted and answers received from a number of the medical men who have very large practices within the Borough, the residents of which are for the most part of the working classes.

The letters preceding the replies are simply to separate them, and do not indicate the same practitioner's reply under each heading.

Question 1.—Date of first appearance of the epidemic in your practice (Poplar District) and of its cessation.

Replies.

- (a) 11.10.1918 to 16.12.1918.
- (b) Appeared early in October, say, about second week.
- (c) About October 14th to first week in December. Previous outbreak, last week in June—duration about five weeks.
- (d) End of September. I do not consider the summer epidemic to have been influenza.
- (e) Middle of October.
- (f) Middle of October, 1918.
- (g) About October 19th, 1918.
- (h) October 10th, 1918, to November 13th, 1918.
- (i) Week commencing October 7th, 1918.
- (j) October 14th, 1918.

Question 2.—The results of any local pathological examinations able to be obtained, including bacteriological examinations of sputa.

Replies—None made in any case.

Question 3.—Have you any evidence throwing light on the means of introduction of the disease?

Replies.

(a) In some cases—after people suffering from disease had visited them. In other cases could not find any definite cause.

(b) No. Only theories

(c) Air passages get affected in bulk of cases.

(d) No positive evidence.

(e) In such a widespread infection it is very hard to get good evidence, but I had one woman—an invalid—who lived alone with her husband in the house, who escaped infection. She went for a walk with her husband one day, and developed symptoms within twenty-four hours.

Question 4.—Duration of incubation period ?

Replies.

(a) A few hours.

(b) Ten days. Others, very short time ; few hours, say, twelve.

(c) Short. One to two days.

(d) About forty-eight hours.

(e) Very brief. In many cases only an hour or two.

(f) Two days.

(g) From two to seven days.

(h) Three or four days.

(i) As far as I know—in a few cases very short, 24 hours.

(j) No real evidence. I should say, short.

Question 5.—Duration of infectivity ?

Replies.

(a) Apparently very short.

(b) Query.

(c) About seven days.

(d) Most infectious during early stage, but probably remains infectious as long as bronchial and catarrhal symptoms persist.

(e) Variable.

(f) Query.

(g) Seven to fourteen days.

(h) No real evidence. I should say short.

Question 6.—Methods of spreading.

Replies.

(a) Contact. Sneezing. Coughing.

(b) Air borne. People affected visited others before well.

(c) Public gatherings. Most fresh cases on Monday. Personal contact.

(d) Common methods. Coughing and sneezing.

(e) By air.

(f) Cannot tell.

(g) Crowded sleeping apartments. Crowded buses and trams.

(h) Probably from person to person by breath, or by coughing and sneezing.

(i) Various—chiefly by direct contact.

Question 7.—Evidence of possible protection by a previous attack.

Replies.

(a) Slight, if any.

(b) None.

(c) Previous attack often afforded some protection. Many of the cases in this epidemic were not treated in the July outbreak, and many treated in July did not get attack in recent epidemic.

(d) None.

- (e) Very few affected who were affected in last attack.
- (f) Does not protect.
- (g) I believe an attack gives protection.
- (h) Should think there is no protection.
- (i) As a rule, those in our practice who were ill with influenza in June did not suffer in this epidemic.
- (j) No protection.
- (k) None whatever—rather the reverse.

Question 8.—Frequency of occurrence of second attacks in 1918 ?

Replies.

- (a) Fairly frequent.
- (b) None.
- (c) Quite frequent, and “relapses” of this “influenza maligna” quite frequent, also suffered two or three months before from the “Spanish ‘Flu.”
- (d) Several cases of second attacks—probably 10 per cent. to 15 per cent.
- (e) I do not consider the summer epidemic to have been influenza.
No cases.
- (f) Not frequent.
- (g) Cannot give numbers, but quite common.
- (h) Very few. Not 2 per cent.
- (i) Rare. As a rule, those who were ill with influenza in June did not suffer in this epidemic.
- (j) Frequent.

Question 9.—Any special clinical features of the outbreak.

Replies.

- (a) Severe epistaxis. Persistent anæmia. Extreme constipation. In one case, severe jaundice.
- (b) Backache. Headache. Lassitude. Depression (marked). Cough almost constant.
- (c) Specially liable to develop pneumonia, especially where high temperature, and if much pharyngitis. Liability of hæmorrhage both from nose, pharynx and from lungs in several of the pneumonia cases.

(d) Various hæmorrhages. Pharyngeal and laryngeal symptoms. Irregular type of pneumonia.

(e) Stomatitis of frequent occurrence.

(f) No.

(g) Several cases of meningitic symptoms and frequent pneumonia and bronchitis.

(h) In nearly all cases of respiratory type with bronchial catarrh, bronchitis or pneumonia.

(i) Frequent pneumonia.

(j) The clinical features have embraced every variety of influenza.

Question 10.—Have you found any special incidence on particular occupations on the Poplar District ?

Replies.

(a) No.

(b) None whatever. Whole families affected—all types—men, women children and infants.

(c) No, but women have suffered more than men in my practice.

(d) Housewives and children seem to suffer most.

General Remarks.

(a) There was a slight decrease in the number of cases about the beginning of December, followed by a recurrence of apparently a milder type ; mortality less, fewer complications and recovery quicker.

(b) Only one fatal case in July epidemic, though temperatures were as high as second epidemic. Young adult females had greatest mortality, especially amongst those who work in the City. The second epidemic much more fatal than first. Many of the elderly pneumonia cases and most of the cases in children have recovered. Fatal cases had usually very acute pneumonia, with almost complete absence of breath sounds over a large area of lungs.

(c) Have used inoculation as preventive in a few cases, and so far none of the inoculated have taken it.

(d) It is worthy of note that if a fatal case of pneumonia following influenza occurred in one house, another member of the same family contracted influenza followed by pneumonia, and in many cases both cases were fatal; whereas, as a rule, if one case of influenza and pneumonia recovered in a house, any second case did so—query—pointing to infection with a strain of bacteria of some virulence. The number of cases of pneumonia was high—in many cases the pneumonia was of a mild type, and might have passed unsuspected without examination of chest. The present epidemic has been of a much severer type than that earlier in the year. Where the vast majority had no complications and were soon back at work, in nearly every case in the present epidemic nearly all have had some bronchitis, if not pneumonia, and patients have been in bed for several days. I should say that those who suffered from the milder type earlier in the year obtained immunity, and that this is the same disease, but with a much more virulent bacteria, whether originating in this country or brought from abroad.

(e) I should like to remark that the mortality seems high, but is it any higher proportionately to the attacks? Broncho-pneumonia following influenza has always been a fatal disease, but as we are having an enormous number of influenza cases, we must naturally expect more broncho-pneumonia.

(f) During the past three or four weeks (December 10th) there has been:—

1. A slight recrudescence of the more severe type of influenza, but this is now lessening in extent.

2. When lobar pneumonia has occurred as a complication in this recrudescence it has, in my experience, *not* been of such a fatal type as that of three months ago.

3. Prevalence of the usual "Seasonal Influenzal Colds." Regarding this latter affection (clinically, Catarrh of the Air Passages) I have noticed this season a very marked "immediate infection" amongst those coming much together when one of them is already suffering from this illness.

DR. C. SPURRELL.

Medical Superintendent of the Poplar and Stepney Sick Asylum.

Began on September 12th, with the admission of six Asiatics, from the S.S. *Palma*, R.A. Docks. The chief characteristics of the present outbreak which I have noticed are the following:—

Sore throat—Almost universal, consisting of a laryngitis sometimes, but more often of an inflammatory condition of the lower part of the pharynx and upper part of the œsophagus, with nothing visible on ordinary examination of the throat. Some cases, however, have had well-marked follicular tonsillitis.

Pneumonia—Very prevalent, and seemed to have a tendency to begin deeply, the symptoms being unmistakable for forty-eight hours before the appearance of definite physical signs.

Meningism—I have had three cases (in children of 16, 7 and 7) showing all the symptoms of meningitis, irritability followed by profound unconsciousness, with rigidity of the neck, slight optic neuritis in two cases. All three recovered totally.

Disuria—I have had two cases of serious disuria in patients, aged between twenty and thirty, accompanied by a swollen condition of the vulva and inner sides of the thighs where they touched the inflamed parts. Both cases fatal.

Albuminuria—Almost universal—generally slight.

Rash—A punctate, scarlatiniform rash very common, with an "oral ring," but not followed by desquamation, and not accompanied by any injection of the fauces or "strawberry tongue."

I believe the fatal issue in so many cases has been largely due to "keeping about" too long. This is largely due, I think, to the unusually prosperous condition of my patients, just now, the high wages tempting them to remain at work when, if their wages were at the normal figure, they would prefer to remain at home or go into some institution instead of working. I think the fortunate immunity from deaths which we have experienced amongst the staff here is due to their being very carefully watched, and sent off duty directly they appeared to be in the least ill. In this way we have had many nurses fretting in the sick room with nothing the matter with them, but although we have had many severe cases of influenza, we have had no single case of pneumonia.

PREVENTION OF INFLUENZA.

The district was posted and handbills distributed advising use of the Council's Electrolytic Disinfecting Fluid, obtainable at the seven distributing depots.

To commence with, add two or three teaspoonsful of the Council's Electrolytic Disinfecting Fluid to a tumblerful of lukewarm water, rinse the mouth well and gargle the throat two or three times a day or more frequently; also douche the inside of the nose with the diluted solution by pouring some of it into the palm of the hand, draw up through the nostrils and expel through the mouth.

FOR ADULTS the gargle may be used stronger if desired to the benefit of the user. Of course, the gargle, like all other gargles, should not be swallowed.

MEAS

DIGEST OF MEASLES AND GERMAN MEASLES NOTIFIED BY

NOTIFICATION OF MEASLES AND GERMAN MEASLES

| | District. | Under 3 months. | 3-6 months. | 6-9 months. | 9-12 months. | Total under 1 year | 1-2 years. | 2-3 years. | 3-4 years. |
|----------------------|------------|-----------------|-------------|-------------|--------------|--------------------|------------|------------|------------|
| Measles, by doctors. | Poplar .. | 1 | 8 | 14 | 34 | 57 | 136 | 88 | 76 |
| | Bromley .. | 1 | 8 | 25 | 56 | 90 | 182 | 134 | 112 |
| | Bow .. | 1 | 2 | 14 | 27 | 44 | 100 | 79 | 77 |
| | Borough .. | 3 | 18 | 53 | 117 | 191 | 418 | 301 | 265 |

| | District. | Under 3 months. | 3-6 months. | 6-9 months. | 9-12 months. | Total under 1 year | 1-2 years. | 2-3 years. | 3-4 years. |
|------------------------------|------------|-----------------|-------------|-------------|--------------|--------------------|------------|------------|------------|
| Measles, by "other persons." | Poplar .. | — | 2 | 8 | 10 | 20 | 33 | 26 | 16 |
| | Bromley .. | — | 1 | 1 | 10 | 12 | 45 | 24 | 26 |
| | Bow .. | — | — | — | 8 | 8 | 18 | 23 | 13 |
| | Borough .. | 0 | 3 | 9 | 28 | 40 | 96 | 73 | 55 |

| | District. | Under 3 months. | 3-6 months. | 6-9 months. | 9-12 months. | Total under 1 year | 1-2 years. | 2-3 years. | 3-4 years. |
|-----------------|------------|-----------------|-------------|-------------|--------------|--------------------|------------|------------|------------|
| German measles. | Poplar .. | — | — | 2 | 3 | 5 | 7 | 3 | 2 |
| | Bromley .. | — | — | 1 | 1 | 2 | 3 | 5 | 3 |
| | Bow .. | 1 | — | — | 1 | 2 | 2 | 1 | 2 |
| | Borough .. | 1 | 0 | 3 | 5 | 9 | 12 | 9 | 7 |
| Totals | .. .. | 5 | 21 | 65 | 150 | 240 | 526 | 383 | 327 |

LES.

DOCTORS AND OTHER PERSONS, DEATHS—OUTWORKERS

FOR THE YEAR ENDED 31ST DECEMBER, 1918.

| 4-5 years. | 5-10 years. | 10-15 years. | 15-25 years. | 25-45 years. | 45 years and upwards | Totals. | District. | |
|------------|-------------|--------------|--------------|--------------|----------------------|---------|-----------|----------------------|
| 94 | 47 | 3 | — | 1 | — | 502 | Poplar. | Measles, by doctors. |
| 100 | 58 | 3 | 2 | 4 | — | 685 | Bromley. | |
| 84 | 68 | 2 | 2 | — | 1 | 457 | Bow. | |
| 278 | 173 | 8 | 4 | 5 | 1 | 1,644 | Borough. | |

| 4-5 years. | 5-10 years. | 10-15 years. | 15-25 years. | 25-45 years. | 45 years and upwards | Totals. | District. | |
|------------|-------------|--------------|--------------|--------------|----------------------|---------|-----------|------------------------------|
| 18 | 17 | — | — | — | — | 130 | Poplar. | Measles, by "other persons." |
| 21 | 13 | 1 | — | — | — | 142 | Bromley. | |
| 11 | 17 | — | — | — | — | 90 | Bow. | |
| 50 | 47 | 1 | 0 | 0 | 0 | 362 | Borough. | |

| 4-5 years. | 5-10 years. | 10-15 years. | 15-25 years. | 25-45 years. | 45 years and upwards | Totals. | District. | |
|------------|-------------|--------------|--------------|--------------|----------------------|---------|-----------|-----------------|
| 4 | 3 | 1 | 1 | 1 | — | 27 | Poplar. | German measles. |
| 4 | 4 | 2 | 1 | — | — | 24 | Bromley. | |
| 1 | 1 | — | — | 1 | — | 10 | Bow. | |
| 9 | 8 | 3 | 2 | 2 | 0 | 61 | Borough. | |
| 337 | 228 | 12 | 6 | 7 | 1 | 2,067 | Totals. | |

DEATHS.

The following figures are the deaths from Measles for the past five years :—

| | Poplar. | Bromley. | Bow. | Borough of Poplar. |
|---------|---------|----------|------|-----------------------|
| 1914 .. | 15 | 28 | 20 | 63 |
| 1915 .. | 61 | 44 | 9 | 114 |
| 1916 .. | 21 | 19 | 8 | 48 |
| 1917 .. | 29 | 47 | 15 | 91 |
| 1918 .. | 35 | 79 | 37 | 151 |

Forty-one deaths (25 of which belonged to the Borough of Poplar) occurred in the Sick Asylum.

For death rates see Table XVIII., page 45.

Respecting outworkers see page 52.

SPOTTED FEVER. EPIDEMIC CEREBRO-SPINAL MENINGITIS.*

NUMBER OF CASES.

Nine cases occurred within the Borough—3 Poplar, 4 Bromley, and 2 Bow, as follows :—

REMOVALS.

Poplar (Sub-District).

| | |
|--|---|
| Metropolitan Asylums Board's Hospitals | 3 |
|--|---|

Bromley.

| | |
|-------------------------|---|
| London Hospital | 2 |
|-------------------------|---|

| | |
|---------------------------------------|---|
| Children's Hospital, Shadwell | 2 |
|---------------------------------------|---|

—
4

Bow.

| | |
|--|---|
| Metropolitan Asylums Board's Hospitals | 2 |
|--|---|

* Posterior basal meningitis is included in the term "cerebro-spinal fever," which does not include meningitis due to tuberculosis, syphilis, middle ear disease, and injury.

Six patients died from Cerebro-Spinal Meningitis—1 Poplar, 4 Bromley, and 1 Bow, and in two other fatal cases (Poplar Sub-District) which had been notified as Cerebro-Spinal Meningitis the causes of death were given as "Tuberculous Meningitis" and "Miliary Tuberculosis" respectively.

ACUTE POLIO-MYELITIS, OR ACUTE POLIO-ENCEPHALITIS.

NUMBER OF CASES.

Four cases were notified—2 Poplar, 0 Bromley, and 2 Bow.

REMOVALS.

Two Poplar cases were treated in Children's Hospital, Shadwell, and a Bow case in London Hospital.

DEATHS.

Two Poplar patients died.

DIARRHŒA AND ENTERITIS.

DIARRHŒA AND ENTERITIS—DEATHS; NOTIFICATION OF ZYMOTIC ENTERITIS AND SUMMER DIARRHŒA.

Under this heading are included deaths registered as due to epidemic diarrhœa, epidemic enteritis, infective enteritis, zymotic enteritis, summer diarrhœa, choleraic diarrhœa, gastro-enteritis, gastro-intestinal catarrh, muco-enteritis, colitis, etc. See Tables VIII.—XI., XIII.—XVI.

Deaths from dysentery are not included, but tabulated separately, and 12 fatal cases from this disease occurred in the Borough—5 Poplar, 4 Bromley and 3 Bow. See Tables VIII.—XI.

| | Poplar. | Bromley. | Bow. | Borough of Poplar. | London. |
|---------|---------|----------|------|-----------------------|---------|
| 1914 .. | 55 | 82 | 58 | 195 | 3,031* |
| 1915 .. | 73 | 49 | 52 | 174 | 2,542* |
| 1916 .. | 43 | 41 | 23 | 107 | 1,598* |
| 1917 .. | 39 | 32 | 28 | 99 | 1,506* |
| 1918 .. | 21 | 18 | 19 | 58 | 1,112* |

* Under two years for London only.

DIARRHŒA, UNDER ONE YEAR.*

| | Poplar. | Bromley. | Bow. | Borough. |
|---------|---------|----------|------|----------|
| 1914 .. | 34 | 43 | 23 | 100 |
| 1915 .. | 43 | 27 | 18 | 88 |
| 1916 .. | 13 | 18 | 9 | 40 |
| 1917 .. | 13 | 16 | 7 | 36 |
| 1918 .. | 8 | 5 | 5 | 18 |

ENTERITIS,† UNDER ONE YEAR.

| | Poplar. | Bromley. | Bow. | Borough |
|---------|---------|----------|------|---------|
| 1914 .. | 8 | 17 | 25 | 50 |
| 1915 .. | 8 | 11 | 15 | 34 |
| 1916 .. | 13 | 12 | 8 | 33 |
| 1917 .. | 7 | 5 | 9 | 21 |
| 1918 .. | 8 | 5 | 5 | 18 |

DIARRHŒA AND ENTERITIS, UNDER ONE YEAR.

| | Poplar. | Bromley. | Bow. | Borough |
|---------|---------|----------|------|---------|
| 1914 .. | 42 | 60 | 48 | 150 |
| 1915 .. | 51 | 38 | 33 | 122 |
| 1916 .. | 26 | 30 | 17 | 73 |
| 1917 .. | 20 | 21 | 16 | 57 |
| 1918 .. | 16 | 10 | 10 | 36 |

NOTIFICATION OF ZYMOTIC ENTERITIS (SUMMER DIARRHŒA).

Notifiable from 1st June to 30th September.

| Age periods. Years. | Number of notifications. | | | | Number of deaths. | | | |
|------------------------|--------------------------|----------|------|--------|-------------------|----------|------|--------|
| | Poplar. | Bromley. | Bow. | Total. | Poplar. | Bromley. | Bow. | Total. |
| Under 1 .. | 50 | 64 | 20 | 134 | 16 | 10 | 10 | 36 |
| 1—5 .. | 92 | 143 | 66 | 301 | 2 | 6 | 3 | 11 |
| 5—15 .. | 22 | 35 | 9 | 66 | 3 | 1 | 3 | 7 |
| 15—25 .. | 15 | 39 | — | 54 | — | — | — | — |
| 25—45 .. | 19 | 68 | 3 | 90 | — | — | — | — |
| 45—65 .. | 17 | 52 | 4 | 73 | — | — | 1 | 1 |
| 65 and upwards | 2 | 13 | 3 | 18 | — | 1 | 2 | 3 |
| All ages—totals | 217 | 414 | 105 | 736 | 21 | 18 | 19 | 58 |

* Under the heading of "Diarrhœa" are included deaths registered as due to epidemic diarrhœa, epidemic enteritis, infective enteritis, zymotic enteritis, summer diarrhœa, choleraic diarrhœa and cholera (other than Asiatic or epidemic).

† Under the heading of "Enteritis" are included deaths registered as due to enteritis, muco-enteritis, gastro-enteritis, gastric catarrh and gastro-intestinal catarrh. Gastritis is not included, except under two years.

INQUESTS AND DEATHS FROM VIOLENCE.

Inquests and Deaths from violence during the year 1918, were as follows :—

| Sub-Districts. | Number of Inquests held in the Sub-Districts. | Deduct Inquests held on non-parishioners. | Add Inquests held on parishioners from outlying districts. | Total Inquests belonging to each Sub-District. | Verdict from Violence. | Verdict from Natural Causes. |
|----------------|---|---|--|--|------------------------|------------------------------|
| POPLAR .. | 106 | 22 | 42 | 126 | 62 | 64 |
| BROMLEY | 290 | 172 | 13 | 131 | 49 | 82 |
| BOW .. | 34 | 2 | 45 | 77 | 22 | 55 |
| TOTALS | 430 | 196 | 100 | 334 | 133 | 201 |

For annual rates of deaths from violence per 1,000 persons living and the percentages of inquest cases to total deaths, see Table XVIII page 45.

| | Violent deaths which actually occurred in Poplar, Bromley and Bow, not deducting non-residents, were as follows :— | | | Deaths occurring entirely outside the Borough, but belonging thereto. | | |
|--|--|----------|------|---|----------|------|
| | POPLAR. | BROMLEY. | BOW. | POPLAR. | BROMLEY. | BOW. |
| By Railway | ... | 6 | ... | 1 | ... | ... |
| By Vehicles and Horses ... | 1 | 30 | ... | 2 | 2 | 2 |
| Ships, Boats and Docks (exclusive of drowning) ... | 1 | 9 | ... | ... | ... | ... |
| Building Operations | ... | 4 | ... | ... | ... | ... |
| Conflagrations | ... | ... | ... | ... | ... | ... |
| Burns, Scalds and Explosions | ... | 19 | ... | 1 | ... | 2 |
| Drowning (accidental not suicidal) | 14 | 4 | ... | 2 | 1 | 1 |
| Suffocation in Bed | 6 | 4 | ... | ... | ... | ... |
| Poisons or Poisonous Vapours | 2 | 1 | ... | 1 | ... | ... |
| Other and not stated Causes ... | 12 | 65 | 6 | 2 | 4 | 3 |
| Homicide | ... | ... | ... | ... | ... | ... |
| Suicide | 4 | 9 | 2 | ... | ... | 1 |
| Manslaughter | ... | ... | ... | ... | ... | ... |
| Murder | ... | ... | ... | ... | ... | ... |
| Execution | ... | ... | ... | ... | ... | ... |
| TOTAL | 40 | 151 | 8 | 9 | 7 | 9 |

MORTUARY.NUMBER OF BODIES RECEIVED INTO COUNCIL'S MORTUARY,
COTTAGE STREET.

The following is a list of the number of bodies received into the Council's Mortuary, Cottage Street, Poplar, classified according to the ages of the deceased :—

| | | | | | | | |
|---------------|----|----|----|----|----|----|-----|
| No age stated | .. | .. | .. | .. | .. | .. | — |
| Stillborn | .. | .. | .. | .. | .. | .. | 7 |
| Under 1 | .. | .. | .. | .. | .. | .. | 46 |
| 1 to 5 | .. | .. | .. | .. | .. | .. | 70 |
| 5 to 15 | .. | .. | .. | .. | .. | .. | 29 |
| 15 to 25 | .. | .. | .. | .. | .. | .. | 25 |
| 25 to 65 | .. | .. | .. | .. | .. | .. | 179 |
| 65 and upward | .. | .. | .. | .. | .. | .. | 113 |
| Total | .. | .. | .. | .. | .. | .. | 469 |

CANAL BOATS.

For the year ended 31st December, 1918, the inspections and reports of the Inspectors respecting registered canal boats and non-registered canal boats were as follows :—

| | Registered. | Non-Registered. |
|--|-------------|-----------------|
| †Mr. J. Bullock, East Combined Division .. | — | — |
| *Mr. J. Johnson, West Combined Division .. | — | — |
| †Mr. C. Foad, Poplar South Division .. | — | — |
| Mr. H. J. Langley, Bromley North Division | — | — |
| Mr. Wm. Johnson, Bromley Central Division | — | — |
| Mr. A. J. Field, Bow East Division | 5 | 10 |
| Mr. W. Boyce, Bow West Division | — | 26 |
| | — | — |
| | 5 | 36 |
| | — | — |

* Mr. J. Johnson reported that on each occasion when passing the portion of canal in his district, no canal boats have been observed.

† No canal in Sub-division ; deputises when necessary for other Inspectors.

WORKSHOPS, WORKPLACES, LAUNDRIES AND OUTWORKERS.

TABLE A.

Table giving number of, and inspections, etc., of Bakehouses, Laundries, Workshops, Workplaces, Places where food is prepared, Milk premises, Cowsheds, Slaughter-houses, Offensive Businesses, Ice Cream premises, Registered Houses Let in Lodgings, and Homeworkers' premises.

| Premises. | On Register during year 1918. | | | Number of Inspections. | Number of Intimations. | Number of Notices. | Number of Final Notices. | Number of Prosecutions. |
|---|-------------------------------|---------|--------|------------------------|------------------------|--------------------|--------------------------|-------------------------|
| | Male. | Female. | Total. | | | | | |
| Bakehouses (Factories) | 16† | .. | 16† | 90 | 1 | 3 | 1 | .. |
| Bakehouses(Workshops) | 58† | .. | 58† | 392 | 21 | 6 | 2 | .. |
| Bakehouses (Domestic Workshops) | 17† | .. | 17† | 93 | 4 | 4 | 1 | .. |
| Factories (Laundries and Miscellaneous Factories) | † | † | † | 33 | 12 | 3 | .. | .. |
| Laundries (Workshops) | 1 | 6 | 7 | 23 | 1 | .. | .. | .. |
| Laundries (Domestic Workshops) | .. | 2 | 2 | 5 | .. | .. | .. | .. |
| Workshops | 148 | 132\|\| | 280\|\| | 320 | 28 | 17 | 1 | .. |
| Workshops (Domestic) | 7 | 15 | 22 | 25 | .. | .. | .. | .. |
| Workplaces | 150 | .. | 150 | 124 | 6 | 1 | .. | .. |
| Workplaces (Domestic) | 20 | .. | 20 | 15 | 1 | .. | .. | .. |
| Places where food is sold or prepared .. | 285§ | .. | 285§ | 901¶ | 40 | 26 | 3 | .. |
| Milk Premises | 247** | .. | 247** | 623 | .. | .. | .. | .. |
| Cowsheds | 10 | .. | 10 | 14 | .. | .. | .. | .. |
| Slaughterhouses .. | 10 | .. | 10 | 62 | 1 | 1 | .. | .. |
| Other offensive trade premises | 5§§ | .. | 5§§ | 56 | 1 | 1 | .. | .. |
| Ice Cream premises .. | 68 | .. | 68 | 18 | .. | .. | .. | .. |
| Registered houses-let-in-lodgings | .. | .. | 1,442 | 4632†† | 449‡‡ | 399\|\|\| | 51 | .. |
| Homeworkers' premises | 38 | 857 | 895 | 1805 | .. | .. | .. | .. |

† 12 Bakehouses were disused at the date of the last inspection. See page 89.

‡ No Register is kept of Factories. Figures are from Journals and Card Index.

|| Including 7 workshops where both men and women are employed.

§ Power is used in 26 of these premises where sausages are made.

¶ Including inspections of all factories where food is prepared.

** Including 10 cowsheds.

§§ 5 registered premises, by the London County Council.

†† See page 96.

‡‡ 41 intimations were for 75 verminous rooms.

||| Including 186 for cleansing and 14 for overcrowding.

TABLE B.**WORKSHOPS ON REGISTER (MALE), 1918.**

| | |
|------------------------|-----------------------------|
| 19 Bootmakers | 2 Metal workers |
| 2 Barge builders | 1 Mineral water |
| 3 Boat builders | 1 Oar maker |
| 1 Basket maker | 1 Oil refiner |
| 1 Bellows maker | 1 Organ builder |
| 1 Bottle maker | 1 Packing maker |
| 3 Brush making | 2 Printers |
| 2 Builders | 1 Paint can cleaner |
| 2 Cycle makers | 2 Picture frame makers |
| 4 Cork cutters | 1 Painter's fitter |
| 1 Comb maker | 1 Pickle works |
| 1 Chemical maker | 2 Plumbers |
| 3 Confectioners | 2 Rope and twine maker |
| 1 Coach builder | 2 Rag sorters |
| 1 Cardboard box maker | 1 Rubber works |
| 1 Composition works | 1 Rat poisons |
| 1 Cooperage | 1 Solder works |
| 6 Cabinet makers | 1 Sack and Tarpaulin makers |
| 1 Cigar maker | 1 Sheet metal worker |
| 1 Clay pipe maker | 1 Stonemason |
| 1 Draught board maker | 7 Tailors |
| 1 Electrical engineer | 2 Tarpaulin works |
| 1 Engineer | 1 Tile and earthenware |
| 15 Farriers | 2 Tinsmiths |
| 1 Frilling maker | 3 Upholsterers |
| 1 Glass bender | 3 Undertakers |
| 5 Harness makers | 1 Varnish works |
| 1 Keg and drum maker | 1 Ventilator maker |
| 1 Laundry | 1 Vinegar works |
| 1 Milliner | 2 Wheelwrights |
| 1 Machinery dealer | 2 Wood choppers |
| 1 Munition works | 2 Wire workers |
| 2 Motor garage works | 1 Walking stick maker |
| 1 Metal marine stores | 1 Van works |
| 2 Marine store dealers | 2 Zinc workers |
| 1 Mattress maker | |

As per List Table A Workshops on Register—83

TABLE B—*continued.*

WORKSHOPS ON REGISTER (MEN AND WOMEN EMPLOYED).

| | |
|----------------|-------------------|
| 1 Cork cutter | 1 Upholsterer |
| 2 Tailors | 1 Clay pipe maker |
| 1 Confectioner | 1 Brush maker |

DOMESTIC WORKSHOPS ON REGISTER (WHERE MEN ARE EMPLOYED).

| | |
|--------------|----------------|
| 6 Bootmakers | 1 Confectioner |
|--------------|----------------|

HOME WORKERS ON REGISTER (MALE)

| | |
|---------------|--------|
| 34 Bootmakers | 1 Fur. |
| 3 Tailors | |

WORKSHOPS AND DOMESTIC WORKSHOPS ON REGISTER (FEMALES).*

| | |
|-----------------------------|---------------------------------|
| 46 Tailors | 1 Medical sundries |
| 8 Laundresses | 2 Packers |
| 5 Boot upper makers | 1 Pickle maker |
| 15 Dressmakers | 2 Glass blowers |
| 1 Upholsterer | 5 Mantle makers |
| 2 Cork cutters | 3 Paper and rag sorters |
| 4 Skirt and blouse makers | 3 Woodchoppers |
| 4 Waterproof garment makers | 1 Bracemaker |
| 3 Sack and bag makers | 2 Shirt front and collar makers |
| 2 Shirt and pyjama maker | 1 Rubber balloons |
| 3 Furriers | 1 Trimming maker |
| 4 Underclothing makers | 1 Corset maker |
| 1 Seal stamper | 1 Artificial flower maker |
| 19 Milliners | 1 Horse hair sorter |
| 3 Tiemakers | 2 Toymakers |
| 3 Confectioners | 1 Boxmaker |
| 1 Dressing gown maker | 3 Rope sling makers. |

* It is very difficult to separate Workshops and Domestic Workshops, as these premises are sometimes one and sometimes the other, according to the pressure of work. See Table A, page 83.

TABLE C.*

See footnote, page 85.

**FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORKERS.
1.—INSPECTION.**

| Premises. | Number of | | | | Prosecutions. |
|--|--------------|------------------|------------|----------|---------------|
| | Inspections. | Written Notices. | | | |
| | | Intimation. | Statutory. | Final. | |
| Factories (Including Factory Laundries.) | 123 | 13 | 6 | 1 | ... |
| Workshops† (Including Workshop Laundries.) | 735 | 50 | 23 | 3 | ... |
| Domestic Workshops‡ | 123 | 4 | 4 | 1 | ... |
| Workplaces (Males) | 124 | 6 | 1 | ... | ... |
| Domestic Workplaces (Males) | 15 | 1 | ... | ... | ... |
| Places where food is sold or prepared \|\| | 901 | 40 | 26 | 3 | ... |
| Homeworkers' Premises | 1,805 | ... | ... | ... | ... |
| Total | 3,826 | 114 | 60 | 8 | ... |

* TABLES C, D, E and F are filled in at the request of the Secretary of State.

† Including Workshop Bakehouses. See Table A, page 83.

‡ Including Domestic Bakehouses and Laundries. See Table A, page 83.

|| The inspections of all factories where food is prepared are included. Power is used to chop meat for sausages, etc., in 26 of the premises.

2.—DEFECTS FOUND.*

| Particulars. | Number of Defects. | | | Number of Prosecutions. |
|--|--------------------------------|------------|-----------------------------|-------------------------|
| | Found. | Remedied. | Referred to H.M. Inspector. | |
| (1) | (2) | (3) | (4) | (5) |
| <i>Nuisances under the Public Health Act :</i> | | | | |
| Want of cleanliness | 251 | 251 | | |
| Want of ventilation | 3 | 3 | | |
| Overcrowding | 1 | 1 | | |
| Want of drainage of floors | ... | ... | | |
| Other nuisances | 92 | 92 | | |
| Sanitary accommodation. | insufficient | ... | ... | |
| | unsuitable or defective | 9 | 8 | |
| | not separate for sexes | ... | ... | |
| <i>Offences under the Factory and Workshop Act :—</i> | | | | |
| Illegal occupation of underground bakehouse (s. 101) | | | | |
| Breach of special sanitary requirements for bakehouses (ss. 97 to 100) | | | | |
| Other offences (Excluding offences relating to out-work which are included in Table D of this Report.) | | | | |
| Total | 356 | 355 | | |

* These defects refer to premises as mentioned above under table of Inspection.

| Nature of Work. (1) | Outworkers' List, Section 107. | | | | | | Notices served on Occupiers as to keeping or sending lists. (8) | Prosecutions. | | Outwork in un-wholesome premises, Section 108.* | | | Outwork in infected premises,† Sections 109, 110. | | |
|--|--------------------------------|---|--------------|-------------------|---|-----------|--|--|--------------------------------|---|-------------------------|-----------------------|---|-------------------------------|---|
| | Lists received from Employers. | | | | | | | Failing to keep or permit application of lists. (9) | Failing to send lists. (10) | Instances. (11) | Notices served. (12) | Prosecutions. (13) | Instances.† (14) | Orders made (S. 110). (15) | Prosecutions (Sections 109, 110). (16) |
| | Twice in the year. | | | Once in the year. | | | | | | | | | | | |
| | Lists. (2) | Outworkers. Con-tractors. (3) Work-men. (4) | | Lists. (5) | Outworkers. Con-tractors. (6) Work-men. (7) | | | | | | | | | | |
| Wearing Apparel— | | | | | | | | | | | | | | | |
| „ Making, &c. ... | 102 | 107 | 1297 | 6 | ... | 33 | | | | | | | | | |
| „ Cleaning & Washing | | | | | | | | | | | | | | | |
| Household Linen ... | | | | | | | | | | | | | | | |
| Lace, lace curtains & nets | | | | | | | | | | | | | | | |
| Curtains and furniture hangings ... | | | | | | | | | | | | | | | |
| Furniture and Upholstery | | | | | | | | | | | | | | | |
| Electro-plate ... | | | | | | | | | | | | | | | |
| File Making ... | | | | | | | | | | | | | | | |
| Brass and Brass articles | | | | | | | | | | | | | | | |
| Fur pulling ... | | | | | | | | | | | | | | | |
| Cables and Chains ... | | | | | | | | | | | | | | | |
| Anchors and Grapnels ... | | | | | | | | | | | | | | | |
| Cart Gear ... | | | | | | | | | | | | | | | |
| Locks, Latches and Keys | | | | | | | | | | | | | | | |
| Umbrellas, &c. ... | | | | | | | | | | | | | | | |
| Artificial Flowers ... | | | | | | | | | | | | | | | |
| Nets, other than wire nets | | | | | | | | | | | | | | | |
| Tents ... | | | | | | | | | | | | | | | |
| Sacks ... | | | | | | | | | | | | | | | |
| Racquet and Tennis Balls | | | | | | | | | | | | | | | |
| Paper, &c., Boxes, Paper Bags ... | 8 | ... | 400 | 1 | ... | 3 | | | | | | | | | |
| Brush Making ... | | | | | | | | | | | | | | | |
| Pea Picking ... | | | | | | | | | | | | | | | |
| Feather Sorting ... | | | | | | | | | | | | | | | |
| Carding, &c., of buttons, &c. | | | | | | | | | | | | | | | |
| Stuffed Toys ... | | | | | | | | | | | | | | | |
| Basket Making ... | | | | | | | | | | | | | | | |
| Chocolates & Sweetmeats | | | | | | | | | | | | | | | |
| Cosaques, Christmas Crackers, Christmas Stockings, &c. ... | | | | | | | | | | | | | | | |
| Textile Weaving ... | | | | | | | | | | | | | | | |
| Total ... | 110 | 107 | 1,697 | 7 | ... | 36 | | | | | | | | | |

* For Infectious Diseases see page 52.

*LIST OF OUTWORKERS, FACTORY AND WORKSHOP ACT,
1901 (S. 107).**

| Class of Homework. | 1918. Number of Lists received. | | | | Number of Addresses of Outworkers. | | | |
|--------------------|------------------------------------|--------------------|---------------|--------------------|------------------------------------|-------------|----------------------------------|-------------|
| | Due Feb. 1st. | | Due Aug. 1st. | | Forwarded to other Authorities. | | Received from other Authorities. | |
| | No. of Lists. | No. of Outworkers. | No. of Lists. | No. of Outworkers. | Due Feb. 1. | Due Aug. 1. | Due Feb. 1. | Due Aug. 1. |
| Total ... | 58 | 863 | 59 | 971 | 462 | 481 | 516 | 514 |
| Tailoring ... | 37 | 309 | 41 | 397 | | | | |
| Shirtmaking ... | 3 | 97 | 3 | 89 | | | | |
| Miscellaneous ... | 9 | 226 | 7 | 258 | | | | |
| Shoemakers ... | 4 | 32† | 4 | 26‡ | | | | |
| Boxes ... | 5 | 199 | 4 | 201 | | | | |

* See page 87. † 18 Males and 14 Females. ‡ 17 Males and 9 Females.

TABLE E.

REGISTERED WORKSHOPS AND WORKPLACES.

| Workshops and Workplaces, etc., on the Register (s. 131) at the end of the year. (1) | Number. (2) | |
|---|-------------------------------------|------|
| Important classes of workshops, such as workshop bakehouses may be enumerated here. | Bakehouse Workshops | 58 |
| | Bakehouse Domestic Workshops | 17 |
| | Laundries Workshops | 7 |
| | Laundries Domestic Workshops | 2 |
| | Workshops | 280* |
| | Domestic Workshops | 22 |
| | Workplaces | 150 |
| | Workplaces Domestic | 20 |
| Places where food is sold or prepared ... | 285† | |
| Total number of workshops and workplaces, etc., on Register | 841‡ | |

* 7 where men and women are employed.

† Power is used in 26 of these premises.

‡ See Tables A and B, and pages 83 and 84.

TABLE F.**OTHER MATTERS.**

| Class. (1) | Number. (2) |
|--|----------------|
| Matters notified to H.M. Inspector of Factories :-- | |
| Failure to affix Abstract of the Factory and Workshop Act (s. 133) | 3 |
| 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) | 10 |
| Other (Communications)... | 4 |
| Underground Bakehouses (s. 101) :-- | |
| Certificates granted during the year | ... |
| In use at the end of the year | 21 |

BAKEHOUSES.**INSPECTIONS.**

The Bakehouses throughout the Borough were inspected at least twice during the year.

There are 79 Bakehouses in the Borough of Poplar, 24 Poplar (including 5 factory bakehouses), 32 Bromley (including 14 factory bakehouses), 23 Bow (including 4 factory bakehouses). See Table A, page 83, number made up to end of year.

There are 21 underground bakehouses in the Borough, 1 Poplar, 10 Bromley, and 10 Bow.

Cleansing was necessary in the various bakehouses on 120 occasions. Two other nuisances were found.

COFFEE SHOPS, EATING HOUSES, FRIED-FISH SHOPS,* HOTELS AND RESTAURANTS, ETC.†

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.—SANITARY REGULATIONS FOR PREMISES USED FOR SALE, ETC., OF FOOD FOR HUMAN CONSUMPTION.

The number of premises in the Borough where food is sold or prepared for sale is 285 : 156 Poplar, 74 Bromley, and 55 Bow. (See Table A, page 83.)

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.

901 visits were paid to these premises during the year and the Sanitary Regulations under the London County Council (General Powers) Act, 1908, Section 8, were enforced.

Want of cleanliness was found in 71 instances, and 57 other defects existed.

40 intimations were served, which in 26 cases were followed up by Statutory notices and three final notices were served.

A register of these premises is kept.

HAIRDRESSERS' PREMISES.

The hairdressers' premises were inspected during the year.

MILKSHOPS.

DAIRIES, COWSHEDS AND MILKSHOPS ORDER.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.—POWER TO SANITARY AUTHORITIES TO REMOVE FROM OR REFUSE TO ENTER ON REGISTER NAMES OF DAIRYMEN IN CERTAIN CIRCUMSTANCES.

DAIRIES, COWSHEDS AND MILKSHOPS ORDER.

At the end of the year there were in the Borough 242 registered premises (including 10 cow-houses, 1 Poplar, 4 Bromley and 5 Bow) where milk is sold, 79 Poplar, 101 Bromley and 62 Bow. These milk shops were kept under observation.

* Bye Laws.

† See Tables A and C, pages 83 and 86.

Cleansing of premises was necessary in five instances. No other defects were found.

2 milkshops had been placed on the register during the year, 0 Poplar, 1 Bromley, and 1 Bow. 9 premises were on account of change of occupiers re-registered as milkshops, 2 Poplar, 4 Bromley and 3 Bow.

The sale of milk was discontinued on 36 premises— 9 Poplar, 25 Bromley and 2 Bow.

For milkshops connected with infectious diseases, see page 52.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.
PART II.

SANITARY PROVISIONS.

POWER TO SANITARY AUTHORITIES TO REMOVE FROM OR REFUSE TO
ENTER ON REGISTER NAMES OF DAIRYMEN IN
CERTAIN CIRCUMSTANCES.

No circumstances arose during the year calling for the enforcement of the power given to the Sanitary Authority under the London County Council (General Powers) Act, 1908, Section (5).

SMOKE NUISANCES.

4 smoke nuisances were dealt with during the year :— 0 Bow East, 0 Bow West, 0 Bromley North, 4 Bromley Central, 0 East Combined, 0 West Combined, and 0 Poplar South.

ICE CREAM.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1902, SEC. 43.

Twice annually and as often as may be necessary all the known premises within the Borough where ice-creams are manufactured are inspected. There are 68 such premises within the Borough, 29 Poplar, 33 Bromley, and 6 Bow. (See Table A, page 83.)

Cleansing of premises was necessary in no instance. No nuisance existed.

FOOD AND DRUGS ACTS.

RESULTS OF ANALYSES. LEGAL PROCEEDINGS. PRESERVATIVES IN BUTTER, PRESERVATIVES IN MARGARINE.

The results of the analyses of 691 samples were reported to the Committee during the year 1918, the samples being as follows :—

| SAMPLE. | 1st Quarter. | 2nd Quarter. | 3rd Quarter | 4th Quarter | Total. |
|---------------------------------------|-----------------|-----------------|----------------|----------------|--------|
| Milk | 108 | 100 | 103 | 96 | 407† |
| Butter | 1 | — | 7 | 12 | 20 |
| Margarine | — | — | 17 | 31 | 48 |
| Lard | — | — | 19 | 18 | 37 |
| Chocolate | 1 | — | — | — | 1 |
| Cheese | — | — | — | — | — |
| Coffee | 6 | 8 | 7 | 2 | 23 |
| Cocoa | 8 | 7 | 7 | 3 | 25 |
| Cream | — | — | — | — | — |
| Baking Powder | — | — | — | — | — |
| Pepper | 5 | 9 | 4 | — | 18 |
| Condensed Milk | 4 | — | — | — | 4 |
| Rice | — | — | — | — | — |
| Arrowroot | 4 | 4 | 2 | 1 | 11 |
| Glycerine | — | — | — | — | — |
| Saffron | — | — | 1 | — | 1 |
| Olive Oil | — | — | — | — | — |
| Cod Liver Oil | 2 | — | — | — | 2 |
| Ammoniated Tincture of Quinine | — | 1 | 2 | 1 | 4 |
| Crushed Linseed | 3 | 2 | 3 | 1 | 9 |
| Almond Oil | 1 | — | — | — | 1 |
| Camphorated Oil | — | — | 1 | 2 | 3 |
| Seidlitz Powder | — | — | — | — | — |
| Lime Water | — | — | 1 | 1 | 2 |
| Cream of Tartar | — | 3 | 1 | — | 4 |
| Ground Rice | 2 | 6 | 2 | 2 | 12 |
| Pearl Barley | — | — | 1 | — | 1 |
| Powdered Cinnamon | — | — | — | — | — |
| Dripping | 3 | 1 | — | 4 | 8 |
| Self-Raising Flour | — | — | — | — | — |
| Oatmeal | 1 | 4 | 3 | — | 8 |
| Tea | — | — | 1 | — | 1 |
| Vinegar | 7 | 6 | 4 | 2 | 19 |
| Honey | 1 | 1 | — | — | 2 |
| Mustard | 4 | 8 | 1 | 1 | 14 |
| Fish Pie | 2 | — | — | — | 2 |
| Brawn | — | — | 1 | — | 1 |
| Sweet Spirit of Nitre | — | 1 | — | — | 1 |
| Sausage... .. | — | — | 1 | — | 1 |
| Liquid Magnesia | — | 1 | — | — | 1 |
| Totals | 163 | 162 | 189 | 177 | 691 |

‡ Of the 407 samples of milk, 68 samples were procured on Sundays from itinerant vendors and 82 from itinerant vendors on weekdays. Four Sunday samples were not in accordance with the standard and legal proceedings were instituted. Four week-day samples were not genuine legal proceedings were instituted in three cases and the fourth vendor was cautioned. Thirty-one samples were taken on delivery, viz., 7 Poplar Union Workhouse, 8 Sick Asylum, 5 Out-relief Stores, North Street, and 11 at Railway Stations. All the samples taken at the Institutions were genuine:

RESULTS OF ANALYSES.

Of these 691 samples legal proceedings were instituted in 25 cases and letters of caution were sent in three instances.

| | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|----|
| Milk | ... | ... | .. | ... | ... | ... | ... | 18 |
| Condensed Milk... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Vinegar | ... | ... | ... | ... | ... | ... | ... | 2* |
| Scotch Whisky | ... | ... | ... | ... | ... | ... | ... | 4† |

ADMINISTRATIVE ACTION REGARDING ARTICLES REPORTED TO BE NOT GENUINE. QUARTER ENDED 31ST MARCH, 1918.

| Article. | No. | Result of Analysis. | Proceedings. |
|----------------|-----|---|-----------------------------|
| Milk | 4 | Deficient in fat 8.8 per cent... | £10 penalty, £1 1s. costs. |
| Condensed Milk | 5 | Sold in a tin which was not clearly marked "Skimmed Milk" in large letters. | Adjourned <i>sine die</i> . |
| Milk | 289 | Deficient in fat and solids, not fat, 24 per cent. and 28.4 per cent. respectively. | £2 penalty, £1 costs. |
| Milk | 277 | Deficient in solids not fat 8.5 per cent. | Letter of caution sent. |
| Milk | 291 | Deficient in fat and solids not fat 3.3 per cent. and 10.3 per cent. respectively. | Cautioned by Committee. |

* 1 adulterated with 35.5 per cent. added water and 1 with 46 per cent. water.

† 2 found to be foreign brandy 50 degrees under proof and 2 found to be Spanish brandy.

QUARTER ENDED 30TH JUNE, 1918.

| Article. | No. | Result of Analysis. | Proceedings. |
|------------|-----|--|---|
| Milk | 339 | Deficient in fat and solids not fat 40 per cent. and 34.4 per cent. | Dismissed on warranty. |
| Milk | 21F | Deficient in fat 29.3 per cent... | £8 penalty, £2 2s. costs. |
| Milk | 304 | Deficient in fat and solids not fat 8.3 per cent. and 4.7 per cent. | Dismissed on warranty. |
| Milk | 303 | Deficient in fat and solids not fat 4 per cent. and 5 per cent. | £3 penalty, £2 2s. costs. |
| Milk | 27F | Deficient in fat 12.3 per cent... | £1 penalty, £1 1s. costs. |
| Milk | 309 | Deficient in solids not fat 12.9 per cent. | Dismissed on warranty. |
| Milk | 307 | Deficient in fat and solids not fat 7.3 per cent. and 10 per cent. | Dismissed on warranty. |
| Milk | — | Sold in Bow Road from a can which did not have conspicuously inscribed thereon name and address. | Dismissed. |
| Milk | 346 | Deficient in fat and solids not fat 6 per cent. and 12.5 per cent. | £1 fine, to include costs. |
| Milk | — | Gave a false warranty for milk | £20 penalty, £5 5s. costs. |
| Milk | 44 | Deficient in solids not fat 4.7 per cent. | Letter of caution sent to vendor. |
| Milk | 35F | Deficient in fat and solids not fat 19 per cent. and 14.1 per cent. | Bound over for 12 months, £1 1s. costs. |
| Milk | 322 | Deficient in fat and solids not fat 36.6 per cent. and 18 per cent. | 10s. penalty, £1 1s. costs. |
| Milk | 49 | Deficient in fat 15 per cent. . . | Summons dismissed, £2 2s. costs, to be paid by defendant. |

QUARTER ENDED 30TH SEPTEMBER, 1918.

| Article. | No. | Result of Analysis. | Proceedings. |
|------------------|-----|--|---------------|
| Vinegar | 44F | Adulterated with 35.5 per cent. water. | 10s. penalty. |
| Scotch Whisky .. | — | Found to be foreign brandy 50 degrees under proof. | £2 2s. costs. |
| Scotch Whisky .. | — | Found to be foreign brandy 50 degrees under proof. | £2 2s. costs. |

QUARTER ENDED 31ST DECEMBER, 1918.

| Article. | No. | Result of Analysis. | Proceedings. |
|------------------|-----|---|----------------------------|
| Vinegar | 72 | Adulterated with 46 per cent. water. | 2s. costs. |
| Scotch Whisky .. | — | Found to be Spanish brandy (proprietor). | £10 penalty, £3 3s. costs. |
| Scotch Whisky .. | — | Found to be Spanish brandy (barmaid). | 10s. penalty. |
| Milk | 671 | Deficient in fat 16.6 per cent... | £2 2s. costs. |
| Milk | 87F | Deficient in fat and solids not fat 2 per cent. and 4.9 per cent. | £2 2s. costs. |
| Milk | 116 | Deficient in fat and solids not fat 11.6 and 17.5 per cent. | Dismissed on warranty. |

PRESERVATIVES IN BUTTER.

Of the 20 samples of butter, 8 contained percentages of boric acid as follows:—

6 samples contained 0.1 per cent.
2 " 0.2 "

PRESERVATIVES IN MARGARINE.

Of the 48 samples of margarine, 29 contained percentages of boric acid as follows:—

15 samples contained 0.1 per cent.
9 " 0.2 "
5 " 0.3 "

HOUSES LET IN LODGINGS OR OCCUPIED BY MEMBERS OF MORE THAN ONE FAMILY.

WORK OF THE INSPECTOR AND INSPECTION OF CHINESE QUARTER.

At the end of the year there were 1,442 houses on the register.

See Table A, page 83.

There are 95 premises occupied by Chinese on the Register and these premises are under constant supervision.

HOUSING, TOWN PLANNING, ETC., ACT, 1909.

HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910. REPRESENTATIONS AND CLOSING ORDERS UNDER SECTION 17; DETERMINATION OF CLOSING ORDERS, SECTION 17 (6).

HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910.

REPRESENTATIONS AND CLOSING ORDERS UNDER SECTION 17 (2).

Thirty-nine premises were inspected under Section 17 (1) of the Housing and Town Planning, etc., Act, 1909, and in the first place, as a rule, intimations and statutory notices were served upon owners under the Public Health (London) Act, 1891, in order that the defects might be remedied and thereby prevent "Representations" under the Housing, Town Planning, etc., Act., 1909, which would be followed by the Council making "Closing Orders." The following is a list of dwelling-houses inspected, and the work executed; but in seven cases "Representations" were made followed by "Closing Orders":—

PREMISES INSPECTED.

| | |
|--|--|
| Bird-in-Hand Court, *Nos. 1, 2, 3, 4, 5, 6 | All work done |
| Bird-in-Hand Yard, Nos. 4A and 5A | .. All work done. |
| Chadbourne Street, Nos. 17 and 18 | .. Closing Orders made 16th January, 1919. Premises now empty. |

Stewart Cottages,*Nos. 1, 2, 3, 4, 5, 6, 7, 8, Owners interviewed by Committee 11/6/18.
9, 10, 11, 12, 13

Stewart Cottages,* Nos. 14, 15,16, 17, 18, Work done at these premises.
19, 20

Stewarts Buildings,* Nos. 1, 2, 3, 4, 5, 6, 7, Owners interviewed by Committee 11/6/18.

West Ferry Road,† No. 321 Closing Order made 16/1/19

West Ferry Road,† No. 327 Closing Order made 16/1/19.

DETERMINATION OF CLOSING ORDERS.

Closing Orders made by the Council in respect of No. 23, Pennyfields, and Nos. 1 and 2, Elizabeth Cottages on the 21st June, 1918, were determined, as the premises were made fit for human habitation.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1904.

VERMINOUS ROOMS.† LICENSED PREMISES' URINALS.

VERMINOUS ROOMS.

Verminous rooms are still brought to the notice of owners upon the "Intimations" which are followed, if necessary, by "Statutory Notices," more especially as there are generally other defects upon the premises, and certainly verminous premises are "in such a state as to be a nuisance to health," and owners, if they do not already know, are informed when defects are being dealt with under the Public Health (London) Act, 1891, that the vermin must be got rid of, otherwise the London County Council (General Powers) Act, 1904, will be brought into operation.

When a notice is served for cleansing under the bye-laws for houses let in lodgings or occupied by members of more than one family, should the premises be verminous a special intimation to that effect is enclosed.

* Since taken over by London County Council to be demolished for erection of new School.

† Both since demolished.

‡ For the Cleansing of Verminous Persons, see pages 59 and 60.

During the year 173 Intimation Notices were served in respect of verminous rooms, and the verminous rooms cleansed were :—

| | | | | | |
|--------------------------|----|----|----|----|----|
| Poplar South Division | .. | .. | .. | .. | 4 |
| West Combined Division | .. | .. | .. | .. | 25 |
| East Combined Division | .. | .. | .. | .. | 15 |
| Bromley Central Division | .. | .. | .. | .. | 23 |
| Bromley North Division | .. | .. | .. | .. | 40 |
| Bow West Division | .. | .. | .. | .. | 28 |
| Bow East Division | .. | .. | .. | .. | 10 |
| Houses Let in Lodgings | .. | .. | .. | .. | 75 |

No summonses were applied for.

SCHOOLS.

INSPECTION OF SCHOOLS.

The Schools of the Borough were inspected and the sanitary conveniences and water supplies were found in a satisfactory condition.

SANITARY INSPECTORS' WORK, etc.

TABULATED LISTS OF SANITARY INSPECTIONS, ETC. LEGAL PROCEEDINGS
OVERCROWDING. GENERAL.

TABULATED STATEMENT OF INSPECTIONS, OF INSANITARY CONDITION FOUND EXISTING, AND OF RE-INSPECTIONS DURING THE PERIOD
FROM 1ST JANUARY, 1918, TO 31ST DECEMBER, 1918.

| | East com- bined. Mr. Bullock | West combined. Mr. Johnson. | Poplar South. Mr. Foad. | Bromley North. Mr. Langley. | Bromley Central. Mr. W. Johnson. | Bow East. Mr. Field. | Bow West. Mr. Boyce. | Totals. |
|---|--|--------------------------------------|----------------------------------|--------------------------------------|---|-------------------------------|-------------------------------|---------|
| Inspections :— | 1,638 | 1,171 | 1,255 | 1,320 | 548 | 1,189 | 1,368 | 8,489 |
| On Complaints of Nuisances, etc. | 1,314 | 830 | 731 | 790 | 319 | 793 | 837 | 5,614 |
| On notification of infectious diseases | 324 | 326 | 524 | 492 | 212 | 396 | 531 | 2,805 |
| House to house visitation .. | — | 15 | — | 38 | 17 | — | — | 70 |
| Houses found in good condition | 1,265 | 679 | 943 | 1,091 | 192 | 901 | 966 | 6,037 |
| Do. requiring amendment .. | 373 | 492 | 312 | 229 | 356 | 288 | 402 | 2,452 |
| DETAILS OF INSANITARY CONDITIONS. | | | | | | | | |
| Walls and ceilings requiring cleansing throughout | 26 | 26 | 10 | 47 | 6 | 6 | 11 | 132 |
| Do. do. partially | 182 | 206 | 96 | 30 | 87 | 44 | 130 | 775 |
| Yards and areas insufficiently paved .. | 57 | 47 | 13 | 4 | 26 | 1 | 11 | 159 |
| Do. imperfectly drained .. | 34 | 39 | 1 | 35 | — | 2 | 1 | 112 |
| Inlets to drains not properly trapped | 8 | 16 | 2 | 1 | — | — | — | 27 |
| Drains proved defective by smoke drain test | 10 | 32 | 20 | 6 | — | 19 | 25 | 112 |
| Smoke drain test applied with negative results | 135 | 26 | 168 | 7 | 2 | 46 | 56 | 440 |
| Drains obstructed .. | 39 | 80 | 114 | 62 | 113 | 29 | 31 | 468 |
| Sink waste pipes directly connected with drains | — | 11 | — | — | 19 | — | — | 30 |
| Rain water pipes do. do. | — | 1 | — | — | — | — | 1 | 2 |
| Soil pans of w.c.s without suitable water supply | 39 | 29 | 46 | 49 | 21 | 6 | 27 | 217 |
| Do. broken or unsuitable .. | 15 | 26 | 10 | 8 | 12 | 6 | 14 | 91 |
| Do. in foul condition .. | 23 | 29 | 7 | 4 | 9 | 7 | 6 | 85 |
| Do. untrapped .. | 10 | 3 | 3 | — | — | — | — | 16 |

| | <i>East com- bined Mr. Bullock</i> | <i>West combined. Mr. Johnson.</i> | <i>Poplar South. Mr. Foad.</i> | <i>Bromley North. Mr. Langley.</i> | <i>Bromley Central. Mr. W. Joanson.</i> | <i>Bow East. Mr. Field.</i> | <i>Bow West. Mr. Boyce.</i> | Totals. |
|---|--|--|--|--|---|---|---|---------|
| Roof guttering and rainwater pipes defective | 80 | 95 | 103 | 90 | 39 | 19 | 51 | 477 |
| Roofs not watertight | 135 | 118 | 133 | 91 | 84 | 79 | 161 | 806 |
| Water supplies to premises cut off (notified by Metropolitan Water Board) | 14 | 56 | 6 | 10 | 11 | — | 3 | 100 |
| Water service fittings defective, causing waste of water | 31 | 30 | 21 | 20 | 14 | 12 | 12 | 140 |
| Drinking Water improperly stored | 1 | 25 | 2 | 1 | — | — | — | 29 |
| W.C.s badly ventilated | 5 | — | 1 | — | 1 | — | — | 7 |
| Do. badly situated | — | 1 | 1 | — | — | — | — | 2 |
| Dampness | 72 | 68 | 59 | 2 | 20 | 51 | 71 | 343 |
| Inundations | 4 | 32 | — | 3 | — | 28 | 8 | 75 |
| Overcrowding | 4 | 14 | 1 | — | 1 | 1 | 1 | 22 |
| Accumulations of dung or refuse | 21 | 54 | 8 | 3 | 1 | 5 | 12 | 104 |
| Foul p.h. urinals | 31 | 12 | 5 | — | 5 | 1 | 1 | 55 |
| Other nuisances, dilapidations, want of ventilations, etc. | 353 | 234 | 233 | 123 | 153 | 97 | 158 | 1,351 |
| Breaches of London County Council By-laws | 9 | 28 | — | — | 25 | 36 | — | 98 |
| Breaches of Council's By-laws | — | 19 | — | — | — | 5 | — | 24 |
| Intimations served | 367 | 407 | 295 | 229 | 299 | 288 | 402 | 2,287 |
| Notices served | 120 | 221 | 60 | 64 | 217 | 56 | 196 | 934 |
| Final notices served | 41 | 33 | 23 | 17 | 55 | 1 | 14 | 184 |
| Summonses applied for | — | — | — | — | — | 1 | — | 1 |
| Passengers from Continental Ports— | | | | | | | | |
| Visited | 2 | 39 | — | 9 | — | 9 | — | 59 |
| Undiscovered | 9 | 5 | — | — | — | — | — | 14 |
| Re-Inspections | 3,741 | 1,822 | 2,044 | 1,805 | 2,784 | 1,838 | 921 | 14,955 |
| Intimations served in respect of verminous rooms, whether in conjunction with, or separate from, other defects | 15 | 17 | 4 | 40 | 23 | 5 | 28 | 132 |

Tabulated statement of Inspections of Insanitary Conditions found existing, and of Re-inspections, &c., during the twelve months ended 31st December, 1918 (Miss Alice Tattersall—Lady Inspector).

| | Poplar. | Bromley. | Bow. | Total. |
|--|---------|----------|------|--------|
| Workshops, Workplaces, Laundries, &c., Number of, on the Register | 28 | 52 | 75 | 155 |
| Workshops, Number of Workrooms therein | 47 | 81 | 104 | 234 |
| .. Number of Inspections of | 39 | 57 | 79 | 175 |
| .. Number of Re-inspections of | 30 | 47 | 59 | 136 |
| .. Found to be overcrowded | — | 1 | — | 1 |
| .. Insufficiently ventilated | 1 | 1 | — | 2 |
| .. &c., newly discovered and registered | — | 1 | 2 | 3 |
| .. Workrooms therein measured | — | 1 | 3 | 4 |
| .. Reported to H.M. Inspector on discovery | — | 1 | 2 | 3 |
| Houses visited for enquiry at which no female hands were employed | 243 | 551 | 963 | 1,759 |
| Written intimations issued | 9 | 10 | 11 | 30 |
| Statutory Notices | 3 | 6 | 8 | 17 |
| Final Notices | — | — | 1 | 1 |
| Works carried out under supervision:— | | | | |
| (a) Rooms cleansed and whitewashed | — | 3 | 5 | 8 |
| (b) Yards, roofs, &c., repaired | 2 | 2 | 2 | 6 |
| Sanitary Conveniences Constructed | — | 10 | 5 | 15 |
| Overcrowding of Workrooms, cases of, abated | — | 1 | — | 1 |
| Visits <i>re</i> Scabies | 148 | 244 | 138 | 530 |
| .. Phthisis | — | — | — | — |
| .. Outworkers' Lists | 31 | 24 | 35 | 90 |
| .. Inspection of Schools | 20 | 16 | 9 | 45 |
| .. Verminous School Children | 38 | 40 | 16 | 94 |
| Miscellaneous Inspections | 62 | 54 | 22 | 138 |

POLICE COURT PROCEEDINGS

| No. of Street or Name of Premises or Locality, &c. | Nature of Complaint. | Date of Attendance at Police Court. | Result. | Name of Officer. |
|--|---|-------------------------------------|-----------------------------|------------------|
| 8, East Ferry Road .. | No water supply for sanitary, domestic and drinking purposes. | 1918 12th August .. | £1 1s. costs, £1 penalty .. | Field, A. J. |

OVERCROWDING.

Twenty-two cases of overcrowding were abated. One case of overcrowding was found in a workshop; 49 cases of overcrowding were also abated in connection with houses let in lodgings, or occupied by members of more than one family.

GENERAL.

7,428 communications were received, and 959 complaints (including 4 smoke) as to nuisances were made. 3,696 communications were despatched.

I am, Sir, Madam and Gentlemen,

Your obedient Servant,

Fred R. W. Alexander.

Medical Officer of Health.

METROPOLITAN BOROUGH OF POPLAR,

PUBLIC HEALTH OFFICES, BOW ROAD, E.

June, 1919.

PUBLIC HEALTH DEPARTMENT,
BOW ROAD, E. 3.

January 1st, 1919.

SIR,

I beg to present the eleventh Annual Report of my work, the fourth under the Local Government Board's extended scheme for the Prevention of Infantile Mortality. Arrangements are now in working order for (1) the payment of Nurses for visiting cases of Ophthalmia Neonatorum, Zymotic Enteritis and Measles when required; (2) Sale of dried milk and a galactagogue at cost price. Payment of doctor's fees when called to assist a midwife in the delivery of a necessitous mother, is now undertaken by the London County Council.

The visiting areas remain as before:—

Poplar Infant Welfare Association.

Undertake all the work south of the first bridges.

The Royal College of St. Katharine.

Undertake all the work between the first bridges and Bow Road.

The Public Health Department.

Undertake all the work north of Bow Road.

The working arrangement between the above bodies and this department has been slightly altered, each submit their own figures for the monthly report, saving labour both to themselves and this Department. The new arrangement is working smoothly.

VISITING.

| | Miss Hall. | Miss Brocklehurst. | Poplar Infant Care Assocn. | The Royal College of St. Katharine. | Total. |
|--------------------------|------------|--------------------|----------------------------|-------------------------------------|--------|
| ANTE-NATAL | 43 | — | 55 | 633 | 731 |
| POST-NATAL— | | | | | |
| Visits | 237 | 298 | 339 | 1,873 | 2,747 |
| Removed before visit | — | 2 | 3 | 11 | 16 |
| Died before visit ... | — | 10 | 15 | 54 | 79 |
| Still-born | 66 | 11 | — | 16 | 93 |
| Revisits— | | | | | |
| Under one | 629 | 1,004 | 2,438 | 17,750 | 21,821 |
| One—five | 1,426 | 2,370 | 2,784 | 34,884 | 41,464 |
| Removed | 83 | 114 | 110 | 752 | 1,059 |
| Died | 26 | 61 | 64 | 338 | 489 |
| ZYMOTIC ENTERITIS— | | | | | |
| Visits | 51 | 26 | 46 | 289 | 412 |
| Revisits | 42 | 4 | 40 | 517 | 603 |
| Died | 1 | 2 | 4 | 5 | 12 |
| MEASLES | | | | | |
| Visits | 172 | 176 | 249 | 799 | 1,396 |
| Revisits | 84 | 90 | 326 | 1,352 | 1,852 |
| Died | 4 | 14 | 13 | 47 | 78 |
| OPHTHALMIA NEONATORUM— | | | | | |
| Visits | 28 | 4 | — | — | 32 |
| Revisits | 58 | 6 | — | — | 64 |
| MISCELLANEOUS... .. | 267 | 104 | — | 676 | 1,047 |
| Total Visits paid | | | | 72,262 | |

MEDICAL AID.

Fifty visits have been paid to cases in which the midwife has had to call in the assistance of a doctor for difficult delivery of necessitous mothers.

STILLBIRTHS.

| | |
|---|----|
| Number of stillbirths | 97 |
| Delivered in Institutions—No information available .. | 22 |
| Premature births | 28 |
| Fœtus macerated | 20 |
| First pregnancies | 14 |
| Mothers who worked during pregnancy | 18 |
| Instrumental deliveries (forceps) | 8 |
| Craniotomy | 1 |
| Transverse presentations | 2 |
| Prolapse of cord | 3 |
| Prolapse of uterus | 4 |
| Breech presentations | 17 |
| Ante-partum hæmorrhage | 8 |
| Eclampsia | 1 |

Mothers who had had previous stillbirth :—

| | | | | | |
|------|------|--------|-------|-------|--------|
| One. | Two. | Three. | Four. | Five. | Eight. |
| 7 | 4 | 1 | 1 | 1 | 1 |

Seven have had 1 mis-carriage and one—two miscarriages. Ten attributed the fact that the child was stillborn to “shock,” six to “accidents” or “overwork,” and two to “ill-health.”

NURSING.

| | Ophth. Neon. | | Measles. | | Zy. Enteritis. | | Influenza. | |
|-----------------------------|--------------|---------|----------|---------|----------------|---------|------------|---------|
| | Cases. | Visits. | Cases. | Visits. | Cases. | Visits. | Cases. | Visits. |
| East London Nursing Society | 4 | 164 | 30 | 505 | 2 | 17 | — | — |
| St. John Divine .. | 3 | 126 | 18 | 189 | 4 | 18 | — | — |
| Millwall & Cubitt Town .. | 2 | 37 | 19 | 199 | 1 | 10 | — | — |
| The Ranyard .. | 5 | 74 | 1 | 4 | 2 | 12 | 5 | 37 |
| Total | 14 | 401 | 68 | 897 | 9 | 57 | 5 | 37 |

Bow Maternity Centre.

The Maternity Centre has undergone many changes during the past year. The baths were taken for the use of a National Kitchen and we had a very unhappy time during the alterations. Comfortable quarters for the mothers were found at the Bow Wesleyan Mission, Old Ford Road, and we moved in during April. Dr. Dobson resumed Military duties in May, Dr. Kidd acting in her absence, and in September we started two sessions weekly. However, with all the changes, the attendances have increased.

Attendances :—

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-------|
| Expectant mothers | ... | ... | ... | ... | ... | ... | 2 |
| Infants (first attendance) | ... | ... | ... | ... | ... | ... | 330 |
| Infants (total attendances) | ... | ... | ... | ... | ... | ... | 2,506 |
| Infants weekly attendance (average) | ... | ... | ... | ... | ... | ... | 49 |
| Infants average attendance (each child) | ... | ... | ... | ... | ... | ... | 6.4 |

Priority cards issued :—

| | | | | | | | |
|---------------------------------------|-----|-----|-----|-----|-----|-----|-----------------------|
| Cows' milk | ... | .. | ... | ... | ... | ... | 144 |
| Condensed milk | ... | ... | ... | ... | ... | ... | 86 |
| Vouchers issued (cod liver oil, etc.) | ... | ... | ... | ... | ... | ... | 1,325 |
| Galactagogue | ... | ... | ... | ... | ... | ... | 25 pkts. |
| Sugar | .. | ... | ... | ... | ... | ... | 27 $\frac{3}{4}$ lbs. |
| Dried milk | ... | ... | ... | ... | ... | ... | 3,184 lbs. |

Average amount dried milk issued, per each mother attending 1.2 lbs, (1st quarter, 0.67 lbs. ; 4th quarter, 1.77 lbs.).

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|------------------------|
| Money taken | ... | ... | ... | ... | ... | ... | £269 3 3 $\frac{1}{2}$ |
| Free issue | ... | ... | ... | ... | ... | ... | £24 0 11 $\frac{3}{4}$ |

Ophthalmia Neonatorum.

Number of notifications received, 40.

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|----|
| Sight of one eye damaged | ... | ... | ... | ... | ... | ... | 1 |
| Recovered | ... | ... | ... | ... | ... | ... | 39 |
| Occurred in the practice of medical practitioners | ... | ... | ... | ... | ... | ... | 10 |
| Occurred in the practice of midwives | ... | ... | ... | ... | ... | ... | 30 |
| Admitted to hospital as in-patient | ... | ... | ... | ... | ... | ... | 2 |
| Treated as hospital out-patients | ... | ... | ... | ... | ... | ... | 8 |
| Treated privately | ... | ... | ... | ... | ... | ... | 30 |
| Visited by a nurse | ... | ... | ... | ... | ... | ... | 16 |

Zymotic Enteritis.

The information given on the Case Sheets, *re* any "special condition" was practically nil. The percentage of cases visited by myself, in which the mothers were working was 49 per cent. This figure might be taken as representing the whole. Special foods mentioned as being given to infants under two years of age were : Cows' Milk, Glaxo, Nestle's, Cow and Gate, Ridge's, Allenbury's, Mellin's, and Garman's.

| | |
|-------------------------|-----|
| Visited | 417 |
| Failed to trace | 5 |
| Under 1 year | 126 |
| 1 to two years | 175 |
| 2 to 3 years | 62 |
| 3 to 4 years | 33 |
| 4 to 5 years | 16 |

Feeding.

| Age period. | Breast. | Mixed feeding. | Hand fed. | Not stated. |
|--------------|---------|----------------|-----------|-------------|
| Under 1 year | 21 | 25 | 64 | 16 |
| 1 to 2 years | 12 | 32 | 118 | 13 |

Medical Advice Obtained.

| | |
|---|-----|
| Same day | 87 |
| 1 day | 115 |
| 2 days.. .. . | 46 |
| 3 days.. .. . | 20 |
| 4 days.. .. . | 22 |
| 5 days.. .. . | 10 |
| 6 days.. .. . | 6 |
| 7 days.. .. . | 13 |
| No information or too doubtful to use | 93 |

Vital Statistics, 1917.

I have included in this year's statistics the number of cases notified by doctors, midwives, etc., as the information was required last year by the L.G.B.

| | |
|--|-------|
| All births, including those occurring in out-lying districts but belonging to the Borough and still births .. | 3,706 |
| Notified by doctors | 520 |
| " midwives | 2,162 |
| " parents and other persons | 895 |
| Stillborn | 91 |
| Died before visit | 83 |
| Not requiring or not desiring visits | 369 |
| Visited | 3,163 |
| Removed and not traced | 450 |
| Died during visitation | 215 |
| Remaining under supervision end of first year of birth | 2,498 |
| Mortality per 1,000 births | 106.5 |
| Still births per 1,000 births | 24.5 |
| Mortality per 1,000 visited | 79.2 |
| " " delivered in Institutions... .. . | 114.1 |
| " " " by doctors | 74.4 |
| " " " midwives | 79.9 |
| Percentage of still births delivered in institutions .. | 6.3 |
| " " " by doctors | 3.3 |
| " " " by midwives | 1.6 |

The feeding of the infants visited during the first six months of life was as follows :—

(1) Those alive at end of completed year (December, 1917) :—

| | |
|-----------------------|----------------|
| Breast-fed | 76.9 per cent. |
| Mixed feeding | 18.3 " |
| Hand-fed | 1.9 " |

(2) Those who died :—

| | |
|-----------------------|----------------|
| Breast-fed | 60.0 per cent. |
| Mixed feeding | 34.4 " |
| Hand-fed | 5.5 " |

(3) Comparison of Rates of Mortality between infants :—

| | |
|-----------------------|---------------|
| Breast-fed | 6.0 per cent. |
| Mixed feeding | 13.9 " |
| Hand-fed | 20.0 " |

Vital Statistics, 1916.

| | |
|---|-------|
| Remaining under supervision end of their first year of birth | 3,082 |
| Found | 18 |
| Not desiring or requiring further visits | 10 |
| Removed and not traced | 384 |
| Died | 152 |
| Remaining under supervision end of second year of birth | 2,554 |
| Mortality per 1,000 visited, second year | 56.1 |

Vital Statistics, 1915.

| | |
|---|-------|
| Remaining under supervision end of second year of birth | 2,737 |
| Not desiring or requiring further visits | 10 |
| Removed and not traced | 292 |
| Died | 71 |
| Remaining under supervision end of third year of birth | 2,364 |
| Mortality per 1,000 visited third year | 29.1 |

Vital Statistics, 1914.

| | |
|---|-------|
| Remaining under supervision end of third year of birth | 1,704 |
| Removed and not traced | 88 |
| Died | 17 |
| Remaining under supervision end of fourth year of birth | 1,599 |
| Mortality per 1,000 visited, fourth year... .. | 10.5 |

I remain, Sir,

Your obedient Servant,

ALICE E HALL.

Zymotic Enteritis.

| | | | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| Visits | ... | ... | ... | ... | ... | ... | ... | 26 |
| Re-visits | ... | ... | ... | ... | ... | ... | ... | 4 |
| Recovered | ... | ... | ... | ... | ... | ... | ... | 24 |
| Died | ... | ... | ... | ... | ... | ... | ... | 2 |

Measles.

| | | | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| Visits | ... | ... | ... | ... | ... | ... | ... | 176 |
| Re-visits | ... | ... | ... | ... | ... | ... | ... | 90 |
| Died | ... | ... | ... | ... | ... | ... | ... | 14 |

Maternity Centre

| | | | | | | | | |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-------|
| Infants weighed | ... | ... | ... | ... | ... | ... | ... | 2,506 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-------|

Miscellaneous.

| | | | | | | | | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|
| Visits | ... | ... | ... | ... | ... | ... | ... | 115 |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|

The Borough Council provided free of charge the following :—

| | | | | | | | | No. of cases |
|--------------|-----|-----|-----|-----|-----|-----|-----|--------------|
| Cow's milk | ... | ... | ... | ... | ... | ... | ... | 3 |
| Dried milk | ... | ... | ... | ... | ... | ... | ... | 8 |
| Lactogol | ... | ... | ... | ... | ... | ... | ... | 2 |
| Malt extract | ... | ... | ... | ... | ... | ... | ... | 4 |
| Virol | ... | ... | ... | ... | ... | ... | ... | 2 |

This help has been much appreciated by the mothers, and has only been given in necessitous cases, upon the recommendation of Dr. Kidd.

I am, Sir,

Your obedient servant,

NELLIE BROCKLEHURST.

