

## **[Report of the Medical Officer of Health for Hammersmith Borough].**

### **Contributors**

Hammersmith (London, England). Metropolitan Borough.  
Howell, J. B.

### **Publication/Creation**

[1936?]

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**Metropolitan Borough of Hammersmith.**

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**ANNUAL REPORT**

OF THE

**Medical Officer of Health**

FOR THE

**YEAR 1935.**

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**Metropolitan Borough of Hammersmith.**

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**ANNUAL REPORT**

of the

**Medical Officer of Health**

for the

**YEAR 1935.**

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PUBLIC HEALTH DEPARTMENT,  
TOWN HALL,  
HAMMERSMITH, W.6

*To the Mayor, Aldermen and Councillors of the  
Metropolitan Borough of Hammersmith.*

LADIES AND GENTLEMEN,—I beg to present my Annual Report for the Year 1935. The report deals with the vital statistics, and with the work carried out under the direction of your Council during the year. The statistical tables included relate to the Public Health of the Borough.

The death-rate of 11.9 being 1.0 less than the previous year.

The infantile mortality rate has decreased from 77 to 70 per 1,000 births.

The lowest rate was 61 per 1,000 births in 1927.

Generally speaking there was a decrease in the rates of nearly every London Borough.

The rate for the County of London decreased from 67 to 58 per 1,000 births.

The infantile mortality rate of the Borough is very unsatisfactory—the rate being 12 per thousand greater than the average for London.

In 23 Boroughs the infantile mortality rate ranges between 43 and 69—there being only 5 Boroughs with a higher mortality rate than Hammersmith.

This question is therefore one which calls for careful consideration.

In my opinion the Health Visiting staff of this Council is too small and home visitation, as a consequence, is not being carried out as efficiently as it should be.

This is a very important part of the Health Visitors' work and it is essential that provision should be made for this to be carried out.

During the year your Council decided to cancel the arrangements made for the admission of maternity cases to "Invermead," as it was felt that the provisions made, for the reception and treatment of maternity cases at the Hammersmith Hospital, were such that Hammersmith mothers should be encouraged to seek admission thereto.

Maternal deaths were reduced to two, one following an abortion at three months. The rate was equal to 1.1. A satisfactory reduction. The rate for the whole country being 3.93.

The efforts of your Council have been, as in the past, considerably augmented by those of the Voluntary Societies engaged in this branch of the Public Health Services of the Borough.

With regard to infectious diseases, the total number notified was below the average for the past 10 years.

This was due to the decrease in number of cases of measles, diphtheria and scarlet fever.

The scheme for immunisation of children against diphtheria has been in operation since February, and it is satisfactory to record that 1,170 children have been dealt with under the scheme.

The housing survey which was carried out during the year has brought to light a definite amount of overcrowding.

An account appears in the later pages of this report.

For some years very little house-to-house inspection has been carried out owing to the increased duties placed upon the Department by Legislation. As a result, the general housing conditions of the Borough are unsatisfactory. The majority of houses are let in tenements and there are many streets needing inspection. This can only be accomplished by the appointment of additional Sanitary Inspectors so that a systematic house-to-house inspection can be put into operation.

I desire to express my appreciation of the kindness and consideration shown to me by the Chairman and members of the Public Health and Maternity and Child Welfare Committees, and to record my thanks to the members of the staff for their loyal co-operation.

I am, Ladies and Gentlemen,

Your obedient Servant,

J. B. HOWELL,

*Medical Officer of Health,*

STAFF OF THE PUBLIC HEALTH  
DEPARTMENT AT THE END OF THE YEAR 1935.

MEDICAL OFFICER OF HEALTH

ADMINISTRATIVE OFFICER FOR TUBERCULOSIS, AND MATERNITY  
AND CHILD WELFARE. VACCINATION OFFICER. *Year of*  
*Appointment*  
J. B. HOWELL, M.R.C.S., L.R.C.P., D.P.H. 1914

TUBERCULOSIS OFFICER AND DEPUTY MEDICAL OFFICER  
OF HEALTH.

G. I. Davies, M.D., B.S., M.R.C.S.,  
L.R.C.P., D.P.H. ... .. 1930

CONSULTANT GYNÆCOLOGISTS.

Lady Florence Elizabeth Barrett, M.D., M.S.  
S. Forsdike, M.D., F.R.C.S.  
A. Goodwin, M.D., F.R.C.S.  
L. H. W. Williams, M.D., F.R.C.S.

PUBLIC VACCINATORS (Part time).

D. F. Durward, M.R.C.S., L.R.C.P.  
A. R. Dale, M.R.C.S., L.R.C.P.  
J. W. Brash, M.R.C.S., L.R.C.P.  
J. S. Dockrill, B.A., M.B., B.Ch., B.A.O., D.P.H.  
M. M. Townsend, L.R.C.P., L.R.C.S.

PUBLIC ANALYST (Part time).

F. E. Edwards, F.I.C., F.C.S.

PATHOLOGIST.

R. R. Elworthy, M.D., M.R.C.P.,  
M.R.C.S., D.P.H.

BACTERIOLOGIST.

F. H. Teale, M.D., F.R.C.P.

ANTE-NATAL CLINICS.

Naomi Dancy, M.B., B.S., M.R.C.S., L.R.C.P.  
A. A. Renshaw, M.D., Ch.B.

## CLERICAL STAFF.

|                                      |     |     |     |     |      |
|--------------------------------------|-----|-----|-----|-----|------|
| *A. H. Wilmot ( <i>Chief Clerk</i> ) | ... | ... | ... | ... | 1902 |
| J. C. Turner                         | ... | ... | ... | ... | 1920 |
| †Miss E. Cole                        | ... | ... | ... | ... | 1923 |
| A. H. Johns                          | ... | ... | ... | ... | 1925 |
| F. G. Holland                        | ... | ... | ... | ... | 1929 |
| T. J. Hares                          | ... | ... | ... | ... | 1930 |
| E. F. Yorke                          | ... | ... | ... | ... | 1931 |
| Miss V. Steadman                     | ... | ... | ... | ... | 1935 |

## SANITARY INSPECTORS.

|   |     |     |     |     |      |
|---|-----|-----|-----|-----|------|
| §*A. Hayes  | ... | ... | ... | ... | 1910 |
| §*F. Q. Barry                                       | ... | ... | ... | ... | 1919 |
| =§*W. Rigby   | ... | ... | ... | ... | 1919 |
| §*P. W. Pottier ( <i>Food and Drugs Inspector</i> ) | ... | ... | ... | ... | 1919 |
| †§*E. J. Nether                                     | ... | ... | ... | ... | 1926 |
| =§*P. T. Bayes                                      | ... | ... | ... | ... | 1926 |
| †§*W. J. Godden                                     | ... | ... | ... | ... | 1926 |
| °†§*F. W. Mason                                     | ... | ... | ... | ... | 1926 |
| §φG. W. Herrick                                     | ... | ... | ... | ... | 1929 |

LADY SANITARY INSPECTOR AND INFANT LIFE  
PROTECTION VISITOR.

|                     |     |     |     |     |      |
|---------------------|-----|-----|-----|-----|------|
| □"φMiss E. M. Cross | ... | ... | ... | ... | 1932 |
|---------------------|-----|-----|-----|-----|------|

## HEALTH VISITORS.

|                          |     |     |     |     |      |
|--------------------------|-----|-----|-----|-----|------|
| "  □†*Miss R. A. Henry   | ... | ... | ... | ... | 1916 |
| □*Miss A. M. M. Willcox  | ... | ... | ... | ... | 1916 |
| "  Miss D. G. Johnson    | ... | ... | ... | ... | 1922 |
| φ"  □Miss C. M. Henniker | ... | ... | ... | ... | 1929 |

## TUBERCULOSIS DISPENSARY STAFF.

|  |     |     |     |     |      |
|--|-----|-----|-----|-----|------|
| □  Mrs. Cameron ( <i>Nurse Visitor</i> )         | ... | ... | ... | ... | 1924 |
| "□  Miss Murphy ( <i>Nurse Visitor</i> )         | ... | ... | ... | ... | 1924 |
| ¶Miss N. Rees ( <i>Dispenser and Secretary</i> ) | ... | ... | ... | ... | 1918 |
| Miss V. Day ( <i>Junior Clerk</i> )              | ... | ... | ... | ... | 1932 |
| A. Pullin ( <i>Porter</i> )                      | ... | ... | ... | ... | 1918 |

|  | <i>Year of<br/>Appointment.</i> |
|--|---------------------------------|
| MEDICINAL BATHS AND DISINFECTING STAFF.  |                                 |
| A. H. S. Hutchinson (Superintendent) ... | 1928                            |
| Mrs. Manners ... ..                      | 1924                            |
| G. Langley (Disinfectors) ... ..         | 1900                            |

MORTUARY KEEPER.

|                     |      |
|---------------------|------|
| D. A. Mackay ... .. | 1929 |
|---------------------|------|

†*Cert. Royal Sanitary Institute (Inspector).*

\**Cert. Sanitary Inspectors Examination Board.*

□*Cert. Central Midwives Board.*

§*Cert. Royal Sanitary Institute (Meat and other foods).*

||*Trained Nurse.*

"*Cert. Royal Sanitary Institute (Health Visitor).*

○*Royal Sanitary Institute (Smoke Certificate).*

¶*Apothecaries' Hall Certificate.*

φ*Cert. Royal Sanitary Institute and Sanitary Inspectors  
Examination Joint Board.*

=*Smoke Abatement Cert. L.C.C. School of Engineering.*

# STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

## General Statistics, 1935.

|   |     |     |     |     |                          |
|---|-----|-----|-----|-----|--------------------------|
| Area  | ... | ... | ... | ... | 2,282.5 acres            |
| Population (1933) (estimated)                           | ... | ... | ... | ... | 131,400                  |
| Population Census (1901)                                | ... | ... | ... | ... | 112,239                  |
| "    "    (1911)  | ... | ... | ... | ... | 121,521                  |
| "    "    (1921)  | ... | ... | ... | ... | 130,295                  |
| "    "    (1931)  | ... | ... | ... | ... | 135,521                  |
| Natural increase, i.e., excess of<br>births over deaths | ... | ... | ... | ... | 353                      |
| Density of population                                   | ... | ... | ... | ... | 56.1 persons<br>per acre |
| Marriages registered                                    | ... | ... | ... | ... | 1,375                    |
| Number of inhabited houses<br>1931                      | ... | ... | ... | ... | 17,402                   |
| Number of families or separate<br>occupiers (1921)      | ... | ... | ... | ... | 33,263                   |
| Rateable value (1935)                                   | ... | ... | ... | ... | £1,223,277               |
| Sum represented by a penny rate,<br>1935                | ... | ... | ... | ... | £4,702                   |

## Vital Statistics.

|                         |       |  |          |
|-------------------------|-------|--|----------|
| Births (legitimate) ... | 1,738 | } Birth rate ...                                   | ... 14.7 |
| ,, (illegitimate) ...   | 139   |  |          |
| Stillbirths ...         | 72    | } Rate per 1,000<br>(live and still)<br>births ... | ... 37   |
| Deaths (corrected) ...  | 1,524 |  |          |
|                         |       | } Death rate ...                                   | ... 11.9 |
|                         |       | } Adjusted death rate                              | 12.3     |

### Deaths from puerperal causes:—

|                            | Deaths. | Rate per 1,000 total<br>(live and still) births. |
|----------------------------|---------|--|
| Puerperal sepsis ...       | 1       | 0.5  |
| Other puerperal causes ... | 1       | 0.5  |
| Total ...                  | 2       | 1.0  |

### Deaths of infants under one year

of age per 1,000 births ... 70

Legitimate, 66. Illegitimate, 115.

|  |    |
|--|----|
| Deaths from measles (all ages) ...               | 0  |
| Deaths from whooping cough (all ages) ...        | 7  |
| Deaths from diarrhoea (under 2 years of age) ... | 28 |

**Population.**—According to the Census of 1901, the population of the Borough was then 112,239. By the Census of 1911 the population was 121,521 showing an increase during the 10 years of 9,282. The Census of 1921 shows the population of the Borough to be 130,295, being an increase in the 10 years of 8,774. The Census of 1931 shows the population of the Borough to be 135,521, being an increase in the 10 years of 5,226.

In this report the rates are calculated on the estimated population adopted by the Registrar-General, *i.e.*, 128,100.

The corrected number of births registered was 1,877, whilst the corrected number of deaths of residents was 1,524, thus showing a natural increase of population by excess of births over deaths of 353.

The area of the Borough is 2,282.5 acres, there being 56.1 persons to the acre.

**Marriages.**—The number of marriages registered during the year was 1,375, the marriage-rate being 21.

**Births.**—During the year 1,774 births were registered in the Borough. Adding 438 births which occurred, outside the Borough, transferred by the Registrar-General as belonging to Hammersmith, and deducting 335 births which occurred in the Borough, and transferred to other districts by the Registrar-General, the corrected number of births for the year was 1,877. On the estimated population, *i.e.*, 128,100, the corrected number of births registered was equal to an annual rate of 14.7 births per 1,000 persons living.

The Birth-rate for the year is 0.9 per 1,000 greater than the rate for the previous year which was 13.8.

The Birth-rate in London on the estimated population, *i.e.*, 4,185,200, was equal to an annual rate of 13.3 births per 1,000 persons living.

## Notification of Births Act, 1907.

|                            |     |     |     |     |       |
|----------------------------|-----|-----|-----|-----|-------|
| Births notified            | ... | ... | ... | ... | 2,235 |
| Corrected number of births | ... | ... | ... | ... | 1,877 |

| NOTIFICATION RECEIVED FROM |          |                                       |                      |          |           |
|----------------------------|----------|---------------------------------------|----------------------|----------|-----------|
| Midwives.                  | Doctors. | Lying in Hospitals and Nursing Homes. | L.C.C. Institutions. | Parents. | M.O.H.'s. |
| 725                        | 89       | 697                                   | 697                  | —        | 27        |

**Stillbirths.**—Seventy-two stillbirths were allocated to this Borough. Fifty-eight were registered in the Borough, of which number nine were outward transfers. Twenty-three were born outside the Borough and were transferred by the Registrar-General.

**Deaths.**—During the year 1,347 deaths were registered in the Borough, as compared with 1,359 in the previous year. Adding 560 deaths of residents of this Borough which occurred in general hospitals and other public institutions, and 23 deaths of residents transferred by the Registrar-General as having occurred in various parts of England, and deducting 395 deaths of non-residents and 11 transferable deaths which occurred in the Borough, the corrected number of deaths of residents was 1,524 (786 males, 738 females).

On the estimated population, *i.e.*, 128,100, the corrected number of deaths of residents was equal to an annual rate of 11.9 deaths per 1,000 persons living.

Populations of all areas are not similarly constituted as regards the proportions of their sex and age group components, and their crude death-rates fail as true comparative mortality indexes in that their variations are not due to mortality alone but arise also from differences in the population constitution, the two elements being combined in indistinguishable proportions.



An adjusting factor has been supplied by the Registrar-General, and this when applied to the Hammersmith death-rate gives a rate of 12.2, a figure which is directly comparable with the contemporaneous crude death-rate for the country as a whole or with the mortality of any other local area, the crude death-rate of which should be similarly modified with its own factor for the purpose.

The comparability factor for Hammersmith is 1.03.

The Death-rate in London on the estimated population, *i.e.*, 4,185,200, was equal to an annual rate of 11.4 deaths per 1,000 persons living.

**Deaths of Infants.**—The corrected number of deaths of residents under one year of age registered during the year was 131, as compared with 137 in the previous year. The number of deaths of infants under one year of age was equal to 70 per 1,000 of the corrected births.

The number of deaths of infants under one year of age, residents in London, was equal to 58 per 1,000 of the total registered births.

The mortality rate of infants under one year of age was twelve per thousand greater in this Borough than in London.

A large proportion of the deaths (52), equal to 40 per cent., died in the first month, and of these forty-three occurred in the first week, practically all of which may be ascribed to natal and pre-natal causes.

This points out the necessity for greater attention to and control of the expectant mother and better obstetrics if these deaths are to be avoided.

Enteritis was responsible for the deaths of 27 babies and pneumonia 18. These may be very properly ascribed to lack of knowledge on the part of the mother in the problems of infant feeding and "mothering."

The following table shows the deaths of infants under one year of age and the cause:—

### INFANT MORTALITY, 1935.

Infantile Mortality during the year 1935. Nett Deaths from stated causes at various ages under one year of age.

| CAUSE OF DEATH.                                  |                  | Under 1 Week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 4 Weeks. | 4 Weeks. and under 3 months. | 3 months and under 6 months. | 6 months and under 9 months. | 9 months and under 1 year. | Total Deaths under 1 Year. |
|--|------------------|---------------|------------|------------|------------|----------------------|------------------------------|------------------------------|------------------------------|----------------------------|----------------------------|
| <b>ALL CAUSES.</b>                               | { Certified ..   | 43            | 5          | 1          | 3          | 52                   | 28                           | 26                           | 19                           | 6                          | 131                        |
|  | { Uncertified .. | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Small-pox .. .. .                              | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Chicken-pox .. .. .                            | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Measles .. .. .                                | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Scarlet Fever .. .. .                          | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Whooping Cough .. .. .                         | .. .. .          | —             | —          | —          | —          | —                    | —                            | 1                            | 3                            | 1                          | 5                          |
| { Diphtheria and Croup .. .. .                   | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | 1                            | —                          | 1                          |
| { Erysipelas .. .. .                             | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Tuberculous Meningitis .. .. .                 | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Abdominal Tuberculosis .. .. .                 | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Other Tuberculous Diseases .. .. .             | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Meningitis (not T.B.) .. .. .                  | .. .. .          | —             | —          | —          | —          | —                    | —                            | 2                            | —                            | —                          | 2                          |
| { Convulsions .. .. .                            | .. .. .          | —             | 1          | —          | —          | 1                    | 1                            | —                            | —                            | —                          | 2                          |
| { Laryngitis .. .. .                             | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Bronchitis .. .. .                             | .. .. .          | 1             | —          | —          | —          | 1                    | 1                            | 2                            | —                            | —                          | 4                          |
| { Pneumonia (all forms) .. .. .                  | .. .. .          | —             | 1          | —          | 1          | 2                    | 7                            | 4                            | 4                            | 1                          | 18                         |
| { Diarrhoea .. .. .                              | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Enteritis .. .. .                              | .. .. .          | —             | —          | —          | 2          | 2                    | 7                            | 11                           | 7                            | 1                          | 28                         |
| { Gastritis .. .. .                              | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Syphilis .. .. .                               | .. .. .          | —             | 1          | —          | —          | 1                    | —                            | 1                            | —                            | —                          | 2                          |
| { Rickets .. .. .                                | .. .. .          | —             | —          | —          | —          | —                    | —                            | —                            | —                            | —                          | —                          |
| { Suffocation, Overlying Injury at Birth .. .. . | .. .. .          | 5             | —          | —          | —          | 5                    | —                            | —                            | —                            | —                          | 5                          |
| { Atelectasis .. .. .                            | .. .. .          | 6             | —          | —          | —          | 6                    | —                            | —                            | —                            | —                          | 6                          |
| { Congenital Malformations .. .. .               | .. .. .          | 3             | —          | —          | —          | 3                    | 1                            | 1                            | 1                            | 1                          | 7                          |
| { Premature Births .. .. .                       | .. .. .          | 20            | 1          | 1          | —          | 22                   | 2                            | 1                            | —                            | —                          | 25                         |
| { Atrophy, Debility & Marasmus .. .. .           | .. .. .          | 4             | —          | —          | —          | 4                    | 4                            | 2                            | —                            | 1                          | 11                         |
| { Other causes .. .. .                           | .. .. .          | 4             | 1          | —          | —          | 5                    | 5                            | 1                            | 3                            | 1                          | 15                         |
| Totals .. .. .                                   | .. .. .          | 43            | 5          | 1          | 3          | 52                   | 28                           | 26                           | 19                           | 6                          | 131                        |

NETT BIRTHS IN THE YEAR: Legitimate, 1738; Illegitimate, 139.

NETT DEATHS IN THE YEAR OF: Legitimate Infants, 115; Illegitimate Infants, 16.

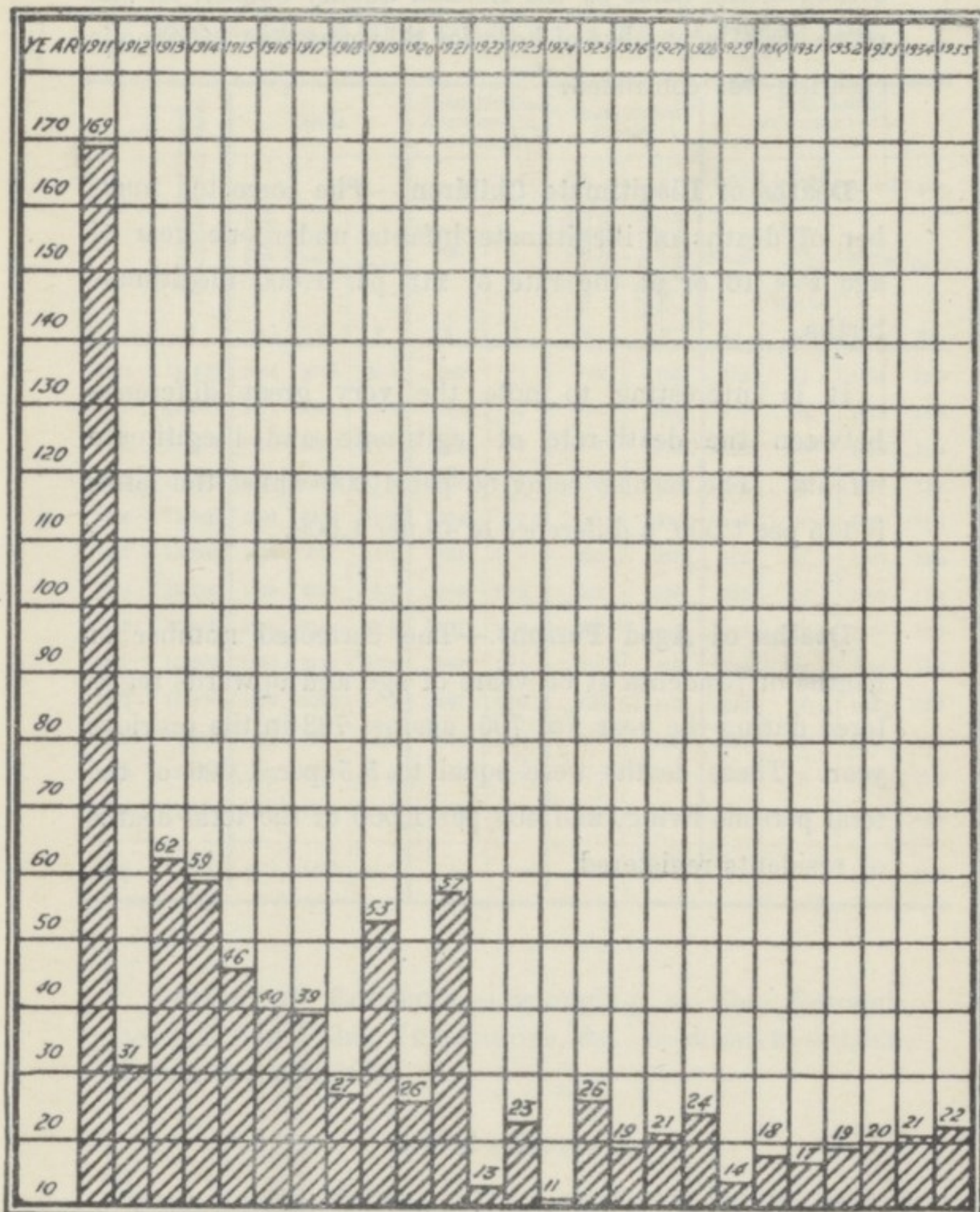
The following table gives the births and infant death-rates in England and Wales, London and Hammersmith and the wards of the Borough for the year 1935 :—

| District.                | 1935.          |  |                        |
|--------------------------|----------------|--|------------------------|
|                          | No. of Births. | No. of Deaths of Children under 1 year of age. | Infant Mortality Rate. |
| England and Wales ..     | 598,756        | 34,089   | 57                     |
| London .. .. .           | 55,780         | 3,229  | 58                     |
| The Borough .. ..        | 1,877          | 131  | 70                     |
| North Hammersmith ..     | 1,035          | 76   | 73                     |
| South Hammersmith ..     | 842            | 55   | 65                     |
| WARDS                    |                |  |                        |
| River .. .. .            | 157            | 10   | 64                     |
| Brook Green .. ..        | 403            | 25   | 62                     |
| Grove .. .. .            | 282            | 20   | 71                     |
| St. Stephen's .. ..      | 190            | 11   | 58                     |
| Starch Green .. ..       | 320            | 27   | 84                     |
| Wormholt .. .. .         | 385            | 30   | 78                     |
| Latimer and College Park | 140            | 8  | 57                     |

It calls for intensive propaganda and the education in feeding, clothing and general care of those responsible for the nursing and upbringing of the very young.

**Diarrhœa.**—The number of deaths from diarrhœa was 30. Twenty-eight were children under one year of age.

The following Chart shows the number of deaths from Diarrhcea per 100,000 inhabitants, 1911-1934.



**Hospital Treatment.—Zymotic Enteritis.**—The arrangements made by the London County Council for the provision of a number of beds for the treatment of zymotic enteritis was continued.

**Deaths of Illegitimate Children.**—The corrected number of deaths of illegitimate infants under one year of age was 16 or at the rate of 115 per 1,000 illegitimate births.

It is interesting to note the very great difference between the death-rate of legitimate and illegitimate infants. The former being 66 per 1,000 whilst the latter is 115 per 1,000, a difference of 49 per 1,000.

**Deaths of Aged Persons.**—The corrected number of deaths of residents at 65 years of age and upwards registered during the year was 705, against 783 in the previous year. These deaths were equal to 5.5 per 1,000 of the total persons living, and 463 per 1,000 of the total deaths of residents registered.

**Statistics.**—The following table gives the statistics of the Borough during 1935 and previous years:—

**Vital Statistics of Whole District during 1935 and Previous Years.**

| Year.       | Population estimated to middle of each year. | Births.             |          |       | Total Deaths Registered in the District. |       | Transferable Deaths                          |  | Nett Deaths belonging to the District. |                             |              |       |
|-------------|--|---------------------|----------|-------|--|-------|--|--|--|-----------------------------|--------------|-------|
|             |  | Uncorrected Number. | Nett.    |       | Num-ber.                                 | Rate. | of Non-residents registered in the District. | of Residents not registered in the District. | Under 1 Year of Age.                   |                             | At all Ages. |       |
|             |  |                     | Num-ber. | Rate. |  |       |  |  | Num-ber.                               | Rate per 1,000 Nett Births. | Num-ber.     | Rate. |
| 1           | 2  | 3                   | 4        | 5     | 6  | 7     | 8  | 9  | 10                                     | 11                          | 12           | 13    |
| 1922        | 134400                                       | 2564                | 2758     | 20.5  | 1223                                     | 9.1   | 196  | 705  | 196                                    | 71                          | 1733         | 12.9  |
| 1923        | 133600                                       | 2571                | 2701     | 20.2  | 981                                      | 7.3   | 125  | 649  | 173                                    | 64                          | 1473         | 11.0  |
| 1924        | 134200                                       | 2199                | 2399     | 17.9  | 1123                                     | 8.4   | 173  | 718  | 173                                    | 72                          | 1668         | 12.4  |
| 1925        | 134500                                       | 2178                | 2351     | 17.5  | 1034                                     | 7.7   | 186  | 756  | 153                                    | 65                          | 1604         | 11.9  |
| 1926        | 134400                                       | 2001                | 2188     | 16.3  | 1174                                     | 8.7   | 195  | 556  | 144                                    | 66                          | 1535         | 11.4  |
| 1927        | 132800                                       | 1789                | 2076     | 15.6  | 1581                                     | 11.9  | 230  | 377  | 126                                    | 61                          | 1728         | 13.0  |
| 1928        | 136300                                       | 1938                | 2258     | 16.6  | 1449                                     | 10.6  | 222  | 326  | 156                                    | 69                          | 1553         | 11.4  |
| 1929        | 136900                                       | 1869                | 2162     | 15.8  | 1757                                     | 12.8  | 222  | 340  | 133                                    | 62                          | 1875         | 13.7  |
| 1930        | 136900                                       | 1962                | 2173     | 15.9  | 1387                                     | 10.1  | 219  | 436  | 140                                    | 64                          | 1604         | 11.7  |
| 1931        | 135100                                       | 1954                | 2073     | 15.3  | 1567                                     | 11.6  | 288  | 373  | 140                                    | 68                          | 1652         | 12.2  |
| 1932        | 133700                                       | 1795                | 1940     | 14.5  | 1465                                     | 10.9  | 294  | 543  | 129                                    | 66                          | 1714         | 12.8  |
| 1933        | 131400                                       | 1682                | 1827     | 13.9  | 1500                                     | 11.4  | 340  | 530  | 119                                    | 65                          | 1690         | 12.9  |
| 1934        | 129170                                       | 1551                | 1783     | 13.8  | 1359                                     | 10.5  | 346  | 655  | 137                                    | 77                          | 1668         | 12.9  |
| <b>1935</b> | 128100                                       | 1774                | 1877     | 14.7  | 1347                                     | 10.5  | 406  | 583  | 131                                    | 70                          | 1524         | 11.9  |

**Deaths of Residents.**—Belonging to the Borough, occurring in Public Institutions, &c., in districts outside, during the year 1935:—

**FEVER HOSPITALS.**

|                              |    |                                |           |
|------------------------------|----|--------------------------------|-----------|
| Western Hospital, Fulham ... | 11 | South Western Hospital, Stock- |           |
| North-Eastern Hospital, Tot- |    | well ... ..                    | 2         |
| tenham ... ..                | 1  |                                |           |
| Grove Hospital, Tooting ...  | 3  |                                |           |
|                              |    |                                | <b>17</b> |

## MENTAL HOSPITALS.

|                                      |   |   |    |
|--------------------------------------|---|---|----|
| 1, West Park Road, Epsom ...         | 8 | Horton Hospital, Epsom ...                | 7  |
| 1, Bexley Lane, Dartford ...         | 1 | Darenth Training Colony ...               | 1  |
| Tooting Bec Hospital ...             | 6 | 1, Uxbridge Road, Southall ...            | 12 |
| The Hospital, Coulsdon ...           | 1 | Leavesden Mental Hospital,<br>Watford ... | 3  |
| The Grove, Horton Lane,<br>Epsom ... | 4 | Brentwood Mental Hospital ...             | 1  |
| The Hospital, Chartham ...           | 1 |   | —  |
|                                      |   |   | 51 |

## GENERAL HOSPITALS, NURSING HOMES, &amp;c.

|  |   |  |     |
|--|---|--|-----|
| St. George's Hospital ...                        | 6 | Elizabeth Garrett Anderson<br>Hospital ...         | 1   |
| Cancer Hospital ...                              | 3 | Infants' Hospital, Westminster                     | 3   |
| Grove Park Hospital, Chisle-<br>hurst ...        | 2 | St. Bartholomew's Hospital,<br>City of London ...  | 1   |
| Middlesex Hospital ...                           | 3 | Old Court, Hangar Lane,<br>Ealing ...              | 1   |
| Queen Mary's Hospital, Chisle-<br>hurst ...      | 1 | Queen Charlotte's Hospital, St.<br>Marylebone ...  | 3   |
| All Saints' Hospital, South-<br>wark ...         | 1 | 20, Glazbury Road, Fulham ...                      | 2   |
| Radium Institute, Riding House<br>Street ...     | 1 | Royal Hospital, Richmond ...                       | 2   |
| Brompton Hospital ...                            | 1 | Catholic Nursing Institute,<br>Southwark ...       | 1   |
| 53, Barrowgate Road, Chiswick                    | 1 | National Sanatorium, Benenden,<br>Cranbrook ...    | 1   |
| Italian Hospital ...                             | 1 | Royal Free Hospital, St.<br>Pancras ...            | 1   |
| Sunny Lodge, Mount Park,<br>Harrow ...           | 1 | Guy's Hospital, Southwark ...                      | 1   |
| Victoria Hospital, Chelsea ...                   | 3 | Acton Hospital ...                                 | 2   |
| 77 Bromley Road, Beckenham                       | 1 | St. Joseph's Hospital, Chiswick                    | 1   |
| St. Mary's Hospital, Paddington                  | 4 | Putney Hospital, Wandsworth                        | 1   |
| Northern Hospital, Southgate...                  | 4 | West End Hospital, St. Pancras                     | 2   |
| St. Luke's Hospital Paddington                   | 3 | High Wood Hospital, Brent-<br>wood ...             | 1   |
| Charing Cross Hospital ...                       | 2 | 9, Chiswick Lane ...                               | 1   |
| Children's Hospital, Great<br>Ormond Street ...  | 5 | 53, Castlebar Road, Ealing ...                     | 1   |
| Sheffield Street Hospital, West-<br>minster ...  | 1 | St. Luke's Hospital, Lowestoft                     | 1   |
| Municipal Hospital, Bourne-<br>mouth ...         | 1 | General Hospital, Harrogate ...                    | 1   |
| Children's Hospital, Padding-<br>ton Green ...   | 1 | London Jewish Hospital, Step-<br>ney Green ...     | 1   |
| Homœopathic Hospital, Great<br>Ormond Street ... | 2 | Cromwell House, Highgate ...                       | 1   |
| National Hospital, Queen<br>Square ...           | 2 | National Hospital for Diseases<br>of the Heart ... | 1   |
| Princess Louise Hospital, Ken-<br>sington ...    | 9 | Colindale Hospital ...                             | 3   |
| Queen Mary's Hospital,<br>Wandsworth ...         | 2 | 153, Lower Clapton Road,<br>Hackney ...            | 1   |
| Metropolitan Hospital, Hackney                   | 1 | Gordon Hospital, Westminster                       | 1   |
| King Edward's Memorial Hos-<br>pital, Ealing ... | 1 | Royal Victoria Hospital, Folke-<br>stone ...       | 1   |
| 25, Carlton Road, Wandsworth                     | 1 | Chollacott Nursing Home,<br>Lowestoft ...          | 1   |
| Chiswick Hospital ...                            | 1 | Royal Naval Hospital, Plymouth                     | 1   |
| Metropolitan Hospital, Cater-<br>ham ...         | 1 |  | —   |
|  |   |  | 106 |

## PUBLIC INSTITUTIONS.

|                                     |     |                                       |    |
|-------------------------------------|-----|---------------------------------------|----|
| 28, Marloes Road, Kensington        | 108 | 2a, Bow Road, Poplar                  | 4  |
| Fulham Hospital                     | 22  | St. Peter's Hospital, Stepney         | 1  |
| Warkworth House, Heston             | 2   | The Grove, Shardlow                   | 1  |
| Lambeth Hospital                    | 4   | Lewisham Hospital                     | 1  |
| 250, King's Road, Chelsea           | 1   | 93, Sydney Street, Chelsea            | 11 |
| 26, Wolverton Avenue, King-<br>ston | 1   | 73a, Devons Road, Poplar              | 1  |
| St. Stephen's Hospital, Chelsea     | 14  | Redhill House, Hendon                 | 1  |
| 164, St. John's Hill, Battersea     | 4   | 1a, Shepherdess Walk, Shore-<br>ditch | 1  |
| 2a, Woolwich Road, Greenwich        | 1   | 182, Westmoreland Road,<br>Southwark  | 1  |
| The Infirmary, Friern Barnet        | 1   | St. Pancras Hospital                  | 6  |
| 12, Exmoor Street, Kensington       | 169 |                                       |    |
| Paddington Hospital                 | 9   |                                       |    |
| Hillingdon County Hospital          | 2   |                                       |    |
| 17, Wellhouse Lane, Barnet          | 1   |                                       |    |

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## VARIOUS.

|  |   |  |   |
|--|---|--|---|
| 173, Sandycombe Road, North<br>Sheen                       | 1 | 46, Winchester Avenue, Kings-<br>bury  | 1 |
| 101, Firs Avenue, Cranford                                 | 1 | 353, Lillie Road, Fulham   | 1 |
| 47, Powis Square, Kensington                               | 1 | Hendon Way, near Hendon<br>Central   | 1 |
| On way to St. Mary's Hospital,<br>Paddington               | 2 | On the way and near Homœo-<br>pathic Hospital                                      | 1 |
| 64, Holland Park   | 1 | Lancaster Court Hotel, 66, Lan-<br>caster Gate                                     | 1 |
| 309, Preston Old Road, Black-<br>burn                      | 1 | Brookiands, Slough Road,<br>Datchet  | 1 |
| Hever House, Marine Parade,<br>Hastings                    | 1 | Stoketon Cottage, Saltash  | 1 |
| In the River Thames at Eton,<br>Bucks.                     | 1 | Homewood, Pirton Road,<br>Hitchin  | 1 |
| On the way to and near Prin-<br>cess Beatrice Hospital     | 1 | Columbine, Old Fort Road,<br>Shoreham-by-Sea                                       | 1 |
| On the way and near to Middle-<br>sex Hospital             | 1 | In the Ambulance, Hounslow<br>Hospital   | 1 |
| In River Thames, off Gros-<br>venor Road                   | 1 | River Thames   | 1 |
| 101, Queensmill Road, Fulham                               | 1 | On the way and near to 12, Ex-<br>moor Street                                      | 1 |
| Found dead on towpath of River<br>Thames at Barnes         | 2 | River Tees, near Teesport,<br>Grangetown   | 1 |
| In River Thames at Barnes                                  | 1 | 17, Labworth Road, Canvey<br>Island  | 1 |
| H.M. Prison, Wandsworth                                    | 1 | The River Thames, The Flam,<br>Cockmarsh, Cookham                                  | 1 |
| Devonshire Row Mews, Devon-<br>shire Street, W.1           | 1 | Main Line, L.M.S. Railway,<br>near No. 1 Signal Box,<br>Edgeley Station, Stockport | 1 |
| "Dungog," Curlyon Road,<br>Beaconsfield                    | 1 |  |   |
| London-Oxford Road, Denham,<br>Bucks                       | 1 |  |   |
| Floating in River Thames, off<br>Dawney's Wharf, Battersea | 1 |  |   |

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## Causes of, and Ages at, Death during the Year 1935.

| CAUSES OF DEATH.   | Sex. | All Ages. | 0—  | 1— | 2— | 5— | 15— | 25— | 35— | 45— | 55— | 65— | 75— |
|--|------|-----------|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| All Causes .. ..   | M    | 786       | 85  | 7  | 10 | 23 | 28  | 35  | 50  | 97  | 152 | 148 | 151 |
|  | F    | 738       | 46  | 2  | 3  | 12 | 34  | 26  | 39  | 67  | 103 | 147 | 259 |
| 1 Typhoid and Paratyphoid Fever ..                             | M    | ..        | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | 1         | ..  | .. | .. | .. | ..  | ..  | 1   | ..  | ..  | ..  | ..  |
| 2 Measles .. ..  | M    | ..        | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | ..        | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
| 3 Scarlet Fever ..   | M    | 2         | ..  | .. | .. | 2  | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | 1         | ..  | .. | .. | .. | ..  | ..  | 1   | ..  | ..  | ..  | ..  |
| 4 Whooping Cough   | M    | 2         | 1   | 1  | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | 5         | 4   | 1  | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
| 5 Diphtheria ..  | M    | 6         | ..  | .. | 3  | 3  | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | 6         | 1   | .. | 2  | 2  | 1   | ..  | ..  | ..  | ..  | ..  | ..  |
| 6 Influenza ..   | M    | 2         | ..  | .. | .. | .. | 1   | ..  | ..  | ..  | ..  | 1   | ..  |
|  | F    | 6         | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | 2   | ..  | 4   |
| 7 Encephalitis Lethargica ..                                   | M    | 1         | ..  | .. | .. | .. | ..  | ..  | 1   | ..  | ..  | ..  | ..  |
|  | F    | 3         | ..  | .. | .. | .. | ..  | ..  | 1   | ..  | ..  | 2   | ..  |
| 8 Cerebo-spinal Fever ..                                       | M    | 1         | 1   | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | 1         | 1   | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
| 9 Tuberculosis of Respiratory System ..                        | M    | 62        | ..  | .. | .. | .. | 12  | 13  | 11  | 15  | 9   | 2   | ..  |
|  | F    | 48        | ..  | .. | .. | .. | 20  | 11  | 10  | 5   | 2   | ..  | ..  |
| 10 Other Tuberculous Diseases ..                               | M    | 6         | ..  | .. | 2  | 1  | 2   | ..  | 1   | ..  | ..  | ..  | ..  |
|  | F    | 3         | ..  | .. | .. | 1  | 1   | 1   | ..  | ..  | ..  | ..  | ..  |
| 11 Syphilis .. ..  | M    | 6         | 2   | .. | .. | .. | ..  | ..  | ..  | 1   | 3   | ..  | ..  |
|  | F    | 3         | ..  | .. | .. | .. | ..  | ..  | ..  | 1   | 2   | ..  | ..  |
| 12 General Paralysis of the insane, tabes dorsalis ..          | M    | 8         | ..  | .. | .. | .. | ..  | ..  | 2   | 1   | 4   | 1   | ..  |
|  | F    | ..        | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
| 13 Cancer, malignant disease.. ..                              | M    | 117       | ..  | .. | .. | .. | ..  | 1   | 7   | 20  | 37  | 38  | 14  |
|  | F    | 99        | ..  | .. | .. | .. | ..  | 1   | 6   | 16  | 29  | 26  | 21  |
| 14 Diabetes .. ..  | M    | 8         | ..  | .. | .. | .. | ..  | ..  | 3   | ..  | 2   | ..  | 3   |
|  | F    | 7         | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | 2   | 3   | 2   |
| 15 Cerebral Hæmorrhage, &c. ..                                 | M    | 25        | ..  | .. | .. | .. | ..  | ..  | ..  | 2   | 6   | 11  | 6   |
|  | F    | 34        | ..  | .. | .. | .. | ..  | ..  | ..  | 1   | 6   | 11  | 16  |
| 16 Heart Disease ..  | M    | 147       | ..  | .. | 1  | 2  | ..  | 1   | 7   | 19  | 24  | 41  | 52  |
|  | F    | 213       | ..  | .. | .. | 2  | 1   | 4   | 6   | 15  | 23  | 60  | 102 |
| 17 Aneurysm .. ..  | M    | 7         | ..  | .. | .. | .. | ..  | ..  | ..  | 3   | 4   | ..  | ..  |
|  | F    | 4         | ..  | .. | .. | .. | 1   | ..  | 1   | ..  | 1   | 1   | ..  |
| 18 Other circulatory diseases .. ..                            | M    | 42        | ..  | .. | .. | .. | 1   | ..  | 1   | 1   | 9   | 12  | 18  |
|  | F    | 47        | ..  | .. | .. | .. | ..  | ..  | ..  | 3   | 4   | 11  | 29  |
| 19 Bronchitis .. ..  | M    | 36        | 3   | .. | .. | .. | ..  | 1   | 2   | 6   | 9   | 6   | 9   |
|  | F    | 17        | ..  | .. | .. | .. | ..  | ..  | 1   | ..  | 2   | 2   | 12  |
| 20 Pneumonia (all forms) .. ..                                 | M    | 49        | 11  | 4  | 1  | 1  | ..  | 1   | 4   | 3   | 8   | 10  | 6   |
|  | F    | 38        | 7   | 1  | .. | 1  | 1   | 1   | 2   | 8   | 5   | 4   | 8   |
| 21 Other Respiratory Diseases ..                               | M    | 7         | ..  | .. | .. | .. | 1   | 1   | ..  | 2   | 1   | 1   | 1   |
|  | F    | 8         | ..  | .. | .. | .. | 1   | ..  | ..  | ..  | ..  | 4   | 3   |
| 22 Peptic Ulcer ..   | M    | 13        | ..  | .. | .. | .. | ..  | 2   | 1   | 5   | 1   | 2   | 2   |
|  | F    | 6         | ..  | .. | .. | .. | ..  | ..  | ..  | 1   | 2   | 2   | 1   |
| 23 Diarrhœa, &c. ..  | M    | 21        | 21  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | 9         | 7   | .. | .. | .. | ..  | ..  | ..  | ..  | 1   | ..  | 1   |
| 24 Appendicitis ..   | M    | 9         | ..  | .. | 1  | 1  | ..  | 1   | 1   | 2   | 2   | ..  | 1   |
|  | F    | 7         | ..  | .. | .. | 1  | 1   | ..  | ..  | 2   | 2   | 1   | ..  |
| 25 Cirrhosis of Liver  | M    | 6         | ..  | .. | .. | .. | 1   | ..  | ..  | 1   | 2   | 1   | 1   |
|  | F    | 2         | ..  | .. | .. | .. | ..  | ..  | ..  | 1   | ..  | 1   | ..  |
| 26 Other Diseases of Liver, &c. ..                             | M    | 1         | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | 1   | ..  | ..  |
|  | F    | 3         | ..  | .. | .. | .. | ..  | ..  | ..  | 1   | 1   | ..  | 1   |
| 27 Other Digestive Diseases ..                                 | M    | 16        | 3   | 1  | 1  | 1  | ..  | 1   | 2   | 1   | 2   | 2   | 2   |
|  | F    | 16        | 5   | .. | .. | 1  | ..  | ..  | 1   | 3   | 2   | ..  | 4   |
| 28 Acute and Chronic Nephritis ..                              | M    | 18        | 1   | .. | .. | 2  | 1   | ..  | 1   | 2   | 5   | 3   | 3   |
|  | F    | 12        | ..  | .. | 1  | 1  | 1   | ..  | ..  | 1   | 4   | 1   | 3   |
| 29 Puerperal Sepsis  | F    | 1         | ..  | .. | .. | .. | ..  | ..  | 1   | ..  | ..  | ..  | ..  |
| 30 Other Puerperal Causes .. ..                                | F    | 1         | ..  | .. | .. | .. | ..  | 1   | ..  | ..  | ..  | ..  | ..  |
| 31 Congenital Debility, Premature Birth, Malformations, &c. .. | M    | 40        | 37  | .. | .. | 1  | ..  | 1   | ..  | ..  | 1   | ..  | ..  |
|  | F    | 17        | 17  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
| 32 Senility .. ..  | M    | 11        | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | 11  |
|  | F    | 34        | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | 2   | 32  |
| 33 Suicide .. ..   | M    | 11        | ..  | .. | .. | .. | ..  | 2   | ..  | 3   | 3   | 3   | ..  |
|  | F    | 10        | ..  | .. | .. | .. | ..  | 1   | 1   | 1   | 5   | 2   | ..  |
| 34 Other violence ..   | M    | 42        | 1   | .. | .. | 7  | 7   | 6   | 1   | 4   | 5   | 4   | 7   |
|  | F    | 25        | 2   | .. | .. | 1  | 3   | 2   | ..  | 1   | 2   | 6   | 8   |
| 35 Other defined diseases                                      | M    | 63        | 4   | 1  | .. | 2  | 2   | 4   | 5   | 6   | 14  | 10  | 15  |
|  | F    | 51        | 2   | .. | .. | 2  | 3   | 4   | 7   | 7   | 6   | 8   | 12  |
| 36 Causes ill-defined, or unknown ..                           | M    | 1         | ..  | .. | 1  | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
|  | F    | ..        | ..  | .. | .. | .. | ..  | ..  | ..  | ..  | ..  | ..  | ..  |
| Total .. ..  |      | 1,524     | 131 | 9  | 13 | 35 | 62  | 61  | 89  | 164 | 255 | 295 | 410 |

This rate is calculated on the estimated population of each Ward.

| Ward.                          | Estimated Population. | No. of Deaths. | Death Rate. |
|--------------------------------|-----------------------|----------------|-------------|
| No. 1 River ... ..             | 16,899                | 226            | 13·4        |
| No. 2 Brook Green ... ..       | 24,537                | 315            | 12·8        |
| No. 3 The Grove ... ..         | 21,882                | 266            | 12·2        |
| No. 4 St. Stephens ... ..      | 8,802                 | 111            | 12·6        |
| No. 5 Starch Green ... ..      | 21,706                | 233            | 10·7        |
| No. 6 Wormholt ... ..          | 22,719                | 263            | 11·6        |
| No. 7 College Park and Latimer | 11,555                | 110            | 9·5         |

### LONDON AND METROPOLITAN BOROUGHES.

| CITIES AND BOROUGHES.     | Estimated Resident population (mid-1935). | Live Births rate per 1,000 population. | Death rate per 1,000 population : |           | Infantile Mortality rate per 1,000 live births. |
|---------------------------|---|--|-----------------------------------|-----------|---|
|                           |   |  | Crude.                            | Adjusted. |   |
| County of London ..       | 4,185,200                                 | 13·3                                   | 11·4                              | —         | 58  |
| <i>West Districts.</i>    |   |  |                                   |           |   |
| Paddington ... ..         | 138,600                                   | 14·2                                   | 12·1                              | 12·0      | 71  |
| Kensington ... ..         | 178,300                                   | 12·4                                   | 12·1                              | 11·3      | 79  |
| Hammersmith ... ..        | 128,100                                   | 14·7                                   | 11·9                              | 12·3      | 70  |
| Fulham ... ..             | 143,600                                   | 13·8                                   | 11·6                              | 11·7      | 51  |
| Chelsea ... ..            | 57,320                                    | 10·2                                   | 12·6                              | 10·7      | 60  |
| City of Westminster       | 124,400                                   | 8·3                                    | 11·5                              | 11·8      | 72  |
| <i>North Districts.</i>   |   |  |                                   |           |   |
| St. Marylebone ... ..     | 92,200                                    | 9·7                                    | 11·8                              | 11·7      | 56  |
| Hampstead ... ..          | 90,600                                    | 11·0                                   | 11·2                              | 10·5      | 49  |
| St. Pancras ... ..        | 185,300                                   | 13·3                                   | 12·0                              | 12·2      | 63  |
| Islington ... ..          | 308,170                                   | 14·9                                   | —                                 | 11·0      | 52  |
| Stoke Newington ..        | 50,210                                    | 13·9                                   | 11·1                              | 10·6      | 51  |
| Hackney ... ..            | 210,600                                   | 14·0                                   | 10·6                              | 11·1      | 48  |
| <i>Central Districts.</i> |   |  |                                   |           |   |
| Holborn ... ..            | 35,400                                    | 7·7                                    | 11·9                              | 12·7      | 89  |
| Finsbury ... ..           | 63,100                                    | 14·7                                   | 12·6                              | 13·7      | 59  |
| City of London ... ..     | 9,360                                     | 7·6                                    | 11·0                              | 12·2      | 113   |
| <i>East Districts.</i>    |   |  |                                   |           |   |
| Shoreditch ... ..         | 88,400                                    | 14·3                                   | 11·3                              | 12·4      | 52  |
| Bethnal Green ... ..      | 99,910                                    | 14·4                                   | 10·3                              | 11·6      | 51  |
| Stepney ... ..            | 211,500                                   | 14·3                                   | 11·3                              | 12·8      | 63  |
| Poplar ... ..             | 143,700                                   | 15·4                                   | 11·0                              | 12·3      | 46  |
| <i>South Districts.</i>   |   |  |                                   |           |   |
| Southwark ... ..          | 156,100                                   | 14·8                                   | —                                 | 12·4      | 66  |
| Bermondsey ... ..         | 102,700                                   | 14·5                                   | 11·7                              | 13·3      | 69  |
| Lambeth ... ..            | 279,900                                   | 13·7                                   | 12·2                              | 12·0      | 59  |
| Battersea ... ..          | 148,200                                   | 14·2                                   | 12·0                              | 11·9      | 65  |
| Wandsworth ... ..         | 343,300                                   | 11·0                                   | 11·0                              | 10·2      | 55  |
| Camberwell ... ..         | 234,400                                   | 13·4                                   | 11·8                              | 11·8      | 60  |
| Deptford ... ..           | 99,500                                    | 14·4                                   | 11·1                              | 11·5      | 52  |
| Greenwich ... ..          | 96,600                                    | 13·9                                   | 10·8                              | 11·0      | 59  |
| Lewisham ... ..           | 223,000                                   | 12·5                                   | 9·9                               | 10·0      | 43  |
| Woolwich ... ..           | 146,400                                   | 14·0                                   | 10·2                              | 10·8      | 44  |

## GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

### Laboratory Facilities.

The chemical analysis of food is carried out by the Public Analyst (Mr. F. E. Edwards).

The bacteriological examination of food is carried out by Dr. F. H. Teale, of the University College Hospital Medical School.

The work of the bacteriological laboratory consists mainly of the examination of throat swabs for diphtheria bacilli and the examination of sputa for tubercle bacilli.

The former are examined by Dr. R. Elworthy, Pathologist of the West London Hospital, and the latter by Dr. Davies, Deputy Medical Officer of Health and Tuberculosis Officer.

Throat swabs and sputum containers are supplied free on application to the Public Health Department to all medical practitioners practising in the Borough.

In addition other bacteriological investigations are undertaken when required. (Typhoid, cerebro-spinal meningitis, milk counts, &c.)

### AMBULANCE FACILITIES.

**Infectious Cases.**—Provision for the removal of infectious cases is made by the London County Council.

**Non-Infectious and Accident Cases.**—Ambulances for the removal of non-infectious cases are provided by the London County Council, on payment of a small fee.

Ambulances for accident cases are provided by the London County Council.

**Maternity Cases.**—The London Ambulance Service provided by the London County Council is available for the conveyance of women to Maternity Homes.

### **PROFESSIONAL NURSING IN THE HOME.**

**General.**—The Hammersmith District Nursing Association provides nurses in all cases for general nursing, upon application being made to the Nightingale Shore Home, 10, Mall Road. Patients are expected to make payments to the Nursing Association in accordance with their means, but no patient is refused the services of a nurse on account of inability to pay.

**Nursing.**—The arrangements made by the Borough Council with the District Nursing Association to provide nurses in cases of measles, ophthalmia neonatorum, pneumonia, &c., continued throughout the year. When necessary two or three visits are paid daily.

The Council make a grant to the Nursing Association of £250 per annum, for the nursing of all cases approved by the Medical Officer of Health.

The amount being divisible as follows:—

|   |      |
|---|------|
| Maternity and Child Welfare Nursing ... | £125 |
| Public Health Regulations ... ..        | £125 |

### **SCHOOL CLINICS.**

The **L.C.C. Hammersmith School Treatment Centre**, 103, Shepherd's Bush Road, is provided by the Hammersmith District Nursing Association, who receive grants from the London County Council.

**L.C.C. School Treatment Centre,** Old Oak Welfare Centre, Westway.

This centre is held in the Borough Council Clinic, who receive a rental for the use thereof.

Children under school age are dealt with by arrangement with the Hammersmith Nursing Association.

**Dental Clinics.**—Dental Clinics are held at the Old Oak Welfare Centre and 103, Shepherd's Bush Road, by the London County Council for the treatment of school children.

### **TUBERCULOSIS DISPENSARY.**

**Hammersmith Tuberculosis Dispensary, Ravenscourt Park.**

The above Dispensary is provided by the Borough Council (see page 123).

Grants are received from the Ministry of Health and the London County Council.

### **RHEUMATISM ADVISORY CLINIC.**

**Princess Louise Kensington Hospital for Children.**

The Council discontinued the grant to the above Hospital from the 31st March, 1935.

During the year 52 Hammersmith patients were treated at the Clinic, 13 being admitted as in-patients and 39 as out-patients.

Total number of attendances, 1935 ... 144.

## TREATMENT CENTRE FOR VENEREAL DISEASES.

**West London Hospital, Hammersmith Road.**

The above centre is provided under the scheme of the London County Council. This centre is open night and day.

### Treatment and Nursing of Children under School Age.

—The treatment of children under five years of age was continued at the School Clinics. During the year the cases dealt with were as follows:—

|                                    |        |    |
|------------------------------------|--------|----|
| Operation for Tonsils and Adenoids | ...    | —  |
| Minor Ailments                     | ... .. | 13 |
| Dental Treatment                   | ... .. | —  |
|                                    |        | —  |
| Total                              | ... .. | 13 |
|                                    |        | —  |

## HOSPITALS—PUBLIC.

*Name*:—**Hammersmith Hospital.**

*Situation*:—Du Cane Road, Shepherd's Bush, W.12.

*Purpose*:—General.

*No. of available beds*:—360.

*If used by persons resident outside the area, in what proportion*:—No.

*Management*:—London County Council.

*No. of beds available for each sex for the following services*:—

|                  | M. | F. |
|------------------|----|----|
| General Medical  | 75 | 78 |
| General Surgical | 78 | 55 |
| Children         | —  | —  |
| Maternity        | —  | 43 |
| Tuberculosis     | 3  | 3  |
| Chronic sick     | —  | —  |
| Gynæcological    | —  | 25 |

*Facilities available for:—*

- (1) Operative Surgery.—Yes.
- (2) X-ray.—Yes.
- (3) Dental.—Yes.
- (4) Ophthalmic.—Yes.
- (5) Massage.—Yes.

*Arrangements for pathological work:—*Own laboratories,  
British Post-graduate Medical School.

*No. of patients during 1935:—*Admissions = 4,663.

## **HOSPITALS—VOLUNTARY.**

*Name:—***West London Hospital.**

*Situation:—*Hammersmith Road, W.6.

*Purpose:—*General Hospital for treatment of sick poor as  
In and Out-patients.

*No. of available beds:—*234.

*If used by persons resident outside the area, in what  
proportion:—*The area served is widespread.

*Management:—*Board of Management.

*No. of beds available for each sex for the following services:—*

|                                       | M. | F. |
|---------------------------------------|----|----|
| General Medical ... ..                | 24 | 24 |
| General Surgical ... ..               | 63 | 53 |
| Children, ... .. (Mixed)              |    | 31 |
| Venereal Diseases ... ..              | 4  | 4  |
| Ear, Nose and Throat ... (1 Children) | 2  | 3  |
| Skin Diseases ... .. (1 Children)     | 1  | 1  |
| Other (Private Wing) ... (Mixed)      |    | 26 |

*Facilities available for:—*

- (1) Operative Surgery.— $\left\{ \begin{array}{l} 2 \text{ Major Operation Theatres.} \\ 2 \text{ Minor " " } \end{array} \right.$
- (2) X-Ray.—Diagnostic and Therapeutic Departments.
- (3) Dental.—Clinics held twice weekly in Out-patients' Department.
- (4) Ophthalmic.—Three afternoons a week in Out-patients' Department.
- (5) Massage.—Department open daily.

*Arrangements for pathological work:*—Pathological and Bio-chemical Laboratories.

*No. of patients during 1934:*—4,381 in-patients and 42,192 out-patients.

*Is the hospital provision for the area adequate?*—There is always an average of about 200 patients waiting for admission.

*Name:*—**Queen Charlotte's Maternity Hospital.**

*Situation:*—Ravenscourt Square and Goldhawk Road.

*Purpose:*—

- (a) \*Treatment of and research into Puerperal Sepsis.
- (b) †Normal Maternity, auxiliary to Queen Charlotte's Hospital.
- (c) Ante-natal Clinics and District Midwives' Home.

*No. of available beds:*—30 Puerperal Fever and 20 ordinary Maternity.

*If used by persons resident outside the area, in what proportion:*—

- (a) \*5 per cent. Hammersmith Residents.
- (b) †45     ,,                     ,,                     ,,

*Management:*—Voluntary Agency.

*No. of beds available for the following services:*—

|                             |        |    |
|-----------------------------|--------|----|
| Maternity                   | ... .. | 20 |
| Puerperal Fever and Pyrexia | ... .. | 30 |
| Nurseries for 30 babies.    |        |    |

*Facilities available for:*—

- (1) Operative Surgery — Fully equipped Theatre, Anæsthetising and Recovery Rooms.
- (2) X-Ray—By arrangement with St. Mary's Hospital.
- (3) Dental—No Dental Clinic, but services of Hon. Dental Surgeon available.
- (4) Ophthalmic—No Ophthalmia Clinic, but services of Hon. Ophthalmic Surgeon available.
- (5) Massage—By outside masseuse.

*Arrangements for pathological work:*—All pathological work done in the "Bernhard Baron Memorial Research Laboratories" adjacent, under the Hospital's Director of Research and staff of 7 fully trained research workers.

*No. of patients during 1935:*—354 Maternity, 289 Puerperal Sepsis.



*Name* :—**St. John's Hospital for Skin Diseases.**

*Situation* :—262, Uxbridge Road, W.12.

*Purpose* :—For Skin Diseases.

*No. of available beds* :—40.

*If used by persons resident outside the area, in what proportion* :—Mostly outside area.

*Management* :—The Board of Management for St. John's Hospital for Diseases of the Skin.

*No. of beds available for each sex for the following services* :—

|                      | M. | F. |
|----------------------|----|----|
| Skin Diseases ... .. | 19 | 21 |

*Facilities available for* :—

(1) Operative Surgery.—Nil.

(2) X-Ray. — X-Ray Out-patients' Department at Leicester Square.

(3) Dental.—Hon. Dental Surgeon.

(4) Ophthalmic.—Sent to various hospitals.

(5) Massage.—Not necessary.

*Arrangements for pathological work*.—At Out-Patients' Department, 5, Lisle Street.

*No. of patients during 1935* :—299 in-patients.

*Is the hospital provision for the area adequate*?—  
Yes.

*Name* —**Royal Masonic Hospital.**

The Royal Masonic Hospital provides accommodation for paying patients, primarily of limited means, being Freemasons, their wives and dependent children.

The number of beds available is 145 to be increased to 200, one-third being for General Medical and two-thirds for General Surgical services. Approximately one-third for females.

There are two sections for children of 20 beds in all.

The Hospital is being opened up gradually.

Five theatres have been provided for operative Surgery.

Facilities are also available for X-Ray, Dental, Ophthalmic and Surgery.

Special arrangements have been made for pathological work.

*No. of patients during 1935* :—1,579.

## MATERNITY AND CHILD WELFARE.

The figures tabulated below, indicate in some measure the extent of the ground to be covered on the one hand, and on the other the success of the work accomplished in the interests of Maternity and Child Welfare:—

|  |     |     |       |
|--|-----|-----|-------|
| Number of Births registered during the year  | ... | ... | 1,774 |
| Corrected Number of Births   | ... | ... | 1,877 |
| These figures represent a Birth-rate per 1,000 of the population of the Borough of   | ... | ... | 14.7  |
| Corrected Number of Deaths of Infants under one year, of whom 43 died under one week | ... | ... | 131   |
| Legitimate Infants 115, or 66 per 1,000 Births.                                      |     |     |       |
| Illegitimate Infants 16, or 115 per 1,000 Births.                                    |     |     |       |
| Infant Mortality Rate per 1,000 Births   | ... | ... | 70    |

The work undertaken under this heading was continued on similar lines to previous years.

### 1. *Activities directly initiated by the Borough Council :*

- (a) Provision of four Health Visitors.
- (b) Provision of Ante-Natal Clinics.
- (c) Supply of Milk to necessitous Mothers and Young Children.
- (d) Provision of Consultants.
- (e) Provision of Maternity Outfits.

### 2. *Activities of Voluntary Agencies in receipt of grants-in-aid from the Borough Council :*

- (a) Infant Welfare Centres.
- (b) Day Nurseries.
- (c) Treatment and Nursing of Children under School Age.
- (d) Rheumatism Clinic.

### 3. *Activities of independent Voluntary Agencies :*

- (a) Rescue Homes.
- (b) Convalescent Treatment for Invalid Children.
- (c) Homes for Unmarried Mothers and their Children.

### *Health Visitors--Visits.*

The Health Visitors were engaged, as in former years, in visits of enquiry to Births, Infant Deaths, cases of

Ophthalmia Neonatorum, Puerperal Fever, and other diseases of mothers and young children; they have also taken an active part in the work of the Voluntary Infant Welfare Centres.

The visits paid are enumerated in detail below:—

|  | District.    |              |              |              | Total.        |
|--|--------------|--------------|--------------|--------------|---------------|
|  | No. 1.       | No. 2.       | No. 3.       | No. 4.       |               |
| Number of Births notified ..                             | 312          | 677          | 756          | 371          | 2,116         |
| <b>VISITS.</b>   |              |              |              |              |               |
| First visits .. .. .                                     | 312          | 565          | 435          | 358          | 1,670         |
| Re-visits (under 1 year) ..                              | 880          | 900          | 1,078        | 944          | 3,802         |
| Re-visits (1-5 years) .. ..                              | 600          | 320          | 457          | 647          | 2,024         |
| Out .. .. .  | 738          | 1,126        | 844          | 1,033        | 3,741         |
| Removals .. .. .   | 142          | 138          | 205          | 206          | 691           |
| Special visits .. .. .                                   | 191          | 176          | 32           | 292          | 691           |
| Ophthalmia-Neonatorum 1st visits                         | 3            | 1            | —            | —            | 4             |
| Ophthalmia- „ Re-visits                                  | —            | —            | —            | —            | —             |
| Puerperal Fever .. .. .                                  | —            | —            | 2            | —            | 2             |
| Puerperal Pyrexia .. .. .                                | 2            | 2            | 6            | 4            | 14            |
| Ante-natal—First visits ..                               | 125          | 254          | 156          | 168          | 703           |
| Ante-natal—Re-visits .. ..                               | 93           | 40           | 40           | 61           | 234           |
| Stillbirths .. .. .                                      | 10           | 22           | 10           | 14           | 56            |
| Infant Deaths .. .. .                                    | 18           | 31           | 32           | 20           | 101           |
| Measles .. .. .  | 1            | —            | —            | 1            | 2             |
| Pneumonia .. .. .  | 1            | —            | —            | 3            | 4             |
| Encephalitis Lethargica ..                               | —            | 1            | 1            | —            | 2             |
| Chickenpox .. .. .                                       | 1            | —            | 1            | 4            | 6             |
| Whooping Cough .. .. .                                   | 13           | 9            | 7            | 9            | 38            |
| Polio-Myelitis .. .. .                                   | —            | —            | 1            | —            | 1             |
| Cerebro Spinal Meningitis ..                             | —            | —            | —            | —            | —             |
| Epidemic Diarrhœa .. .. .                                | 1            | 1            | —            | 2            | 4             |
| <b>Total visits ..</b>                                   | <b>3,131</b> | <b>3,586</b> | <b>3,307</b> | <b>3,766</b> | <b>13,790</b> |
| Attendances at Infant Welfare Centres                    | 115          | 107          | 153          | 63           | 438           |
| Attendances at Ante-Natal Clinics                        | 51           | 54           | 51           | 53           | 209           |
| Attendances at Committee Meetings Voluntary Associations | —            | 10           | —            | —            | 10            |
| Number of insanitary conditions reported                 | —            | 11           | 12           | 18           | 41            |
| Schick Test Clinics .. .. .                              | 15           | —            | 2            | 2            | 19            |

The feeding of the 1,670 infants visited was found to be as follows:—

|                            |       |
|----------------------------|-------|
| Breast-feeding .. .. .     | 1,465 |
| Artificial feeding .. .. . | 123   |
| Mixed feeding .. .. .      | 82    |

Every effort is made by the Health Visitors to encourage mothers to breast-feed their infants, and also to induce them to attend the Consultations at the Infant Welfare Centres, so that both mother and child may be kept under observation during the most critical months of the child's life.

The following table gives the number of births and deaths of infants and the rate per 1,000 births since 1906, the year of the appointment of the first Health Visitor :—

| Year. | Births. | Deaths of Infants. | Deaths of Infants per 1000 births. |
|-------|---------|--------------------|------------------------------------|
| 1906  | 3112    | 430                | 138                                |
| 1907  | 3029    | 362                | 117                                |
| 1908  | 3204    | 383                | 120                                |
| 1909  | 2995    | 360                | 120                                |
| 1910  | 2906    | 329                | 99                                 |
| 1911  | 2929    | 434                | 146                                |
| 1912  | 2880    | 259                | 90                                 |
| 1913  | 2951    | 314                | 103                                |
| 1914  | 2935    | 276                | 94                                 |
| 1915  | 2708    | 277                | 102                                |
| 1916  | 2605    | 222                | 85                                 |
| 1917  | 2278    | 251                | 110                                |
| 1918  | 2014    | 210                | 104                                |
| 1919  | 2296    | 228                | 99                                 |
| 1920  | 3312    | 219                | 66                                 |
| 1921  | 2779    | 245                | 88                                 |
| 1922  | 2758    | 196                | 71                                 |
| 1923  | 2701    | 173                | 64                                 |
| 1924  | 2399    | 173                | 72                                 |
| 1925  | 2351    | 153                | 65                                 |
| 1926  | 2188    | 144                | 66                                 |
| 1927  | 2076    | 126                | 61                                 |
| 1928  | 2258    | 156                | 69                                 |
| 1929  | 2162    | 133                | 62                                 |
| 1930  | 2173    | 140                | 64                                 |
| 1931  | 2073    | 140                | 68                                 |
| 1932  | 1940    | 129                | 66                                 |
| 1933  | 1827    | 119                | 65                                 |
| 1934  | 1783    | 137                | 77                                 |
| 1935  | 1877    | 131                | 70                                 |



**Milk (Mothers and Children) Orders, 1918-1919.**---

Under these Orders the Council has continued to supply milk to necessitous cases, each case being investigated, especially as to the financial position, before a supply is granted.

11,104 lb. of dried milk and 5,611 quarts of raw milk and 8 tins of Nestlé's were distributed during the year.

The number of applications for free milk has averaged 44 per week during the year. The total expenditure during the year was approximately £664.

The amount of dried milk distributed during the year decreased by 2,088 lb., raw milk increased by 4,134 quarts, and Nestlé's decreased by twenty tins. There was a decreased cost of approximately £27.

The distribution of this free milk continues to be an inestimable boon, and has, without doubt, contributed very largely to the improved condition of the children generally.

By this means the Public Health Department and the Maternity and Infant Welfare Centres are able to keep in close contact with these cases, and at the same time mothers have been able to obtain a proper supply of milk for their children which they could not have done otherwise.

The arrangements whereby the Infant Welfare Centres are supplied with dried milk for distribution has been continued. The mothers attend the Centre and obtain their supplies on presenting an order issued from the Public Health Department, thus encouraging the mothers to attend the Centres where they can obtain advice both with regard to themselves and their children.

**Cod Liver Oil.**—During the year arrangements were made whereby mothers could obtain small quantities of cod liver oil for their children. This was provided free to those mothers who were receiving free milk under the Maternity and Child Welfare Act.

The Medical Officers of the Clinics report that many children have greatly benefited since this provision was made.

**Circumcisions.**—During the year arrangements were made for cases to be referred by the Medical Officers of the Infant Welfare Centres to the Hammersmith Hospital instead of the West London Hospital.

Thirty-five cases were referred to the West London Hospital.

Fifty-two cases were referred to the Hammersmith Hospital.

A fee of 2s. 6d. was paid to the West London Hospital, but no charge will be made by the London County Council in respect of the cases dealt with at Hammersmith Hospital.

Queen Charlotte's Auxiliary Hospital, "Invermead,"  
Goldhawk Road, W.12, 10 beds reserved for Hammer-  
smith Borough Council cases.

(Discontinued July, 1935)

| Information Required.   | Particulars.  |                                     |
|---|---|-------------------------------------|
|   | Invermead,<br>Goldhawk Road.  | Queen Charlottes<br>Marylebone Road |
| (1) No. of cases admitted during the year.                                      | 159.  | 37.                                 |
| (2) Average duration of stay ...  | 14.4 days.  | 13.6 days.                          |
| (3) Number of cases delivered by—   |   |                                     |
| (a) Midwives ... ..   | 148.  | 28.                                 |
| (b) Doctors ... ..  | 7.  | 9.                                  |
| (c) B.B.A. ... ..   | —   | —                                   |
| (4) No. of cases where Medical Assistance was sought by a Midwife in emergency. | 4.  | —                                   |
| (5) No. of cases notified as —  |   |                                     |
| (a) Puerperal Fever ... ..  | 2.  | —                                   |
| (b) Puerperal Pyrexia. ...  | —   | —                                   |
| (6) No. of cases of Pemphigus Neonatorum.                                       | —   | —                                   |
| (7) No. of Infants not entirely breast-fed while in the Institution.            | 19.   | 4.                                  |
| (8) No. of cases notified as Ophthalmia Neonatorum.                             | —   | —                                   |
| (9) No. of Maternal deaths ... ..   | —   | —                                   |
| (10)—(a) No. of Infant deaths—  |   |                                     |
| (i) Stillborn ... ..  | 4.  | 5.                                  |
| (ii) Within 10 days of birth  | 3.  | 1.                                  |
| (b) Cause of death in each case.  | 1. Had five convulsions, became extremely cyanosed, collapsed and died.<br>2. Premature.<br>3. Premature. | 1. P.M. Atelectasis Cerebral Edema. |

Thirty-seven patients booked for "Invermead" were admitted to Queen Charlotte's Hospital, Marylebone Road, on the advice of the Medical Officers in charge of the ante-natal clinic.



**Infant Welfare Centres.**—There are six Centres in the Borough, four under the auspices of the Hammersmith Infant Welfare Association, one under the management of the Latymer Road Mission and the College Park Centre, held at the Presbyterian Church Hall, Ponsard Road.

The Borough Council makes grants to all the Associations responsible for their management.

Twelve sessions, one for toddlers and eleven for infants are held weekly.

The work of the Centres has been of inestimable value. They are closely associated with and form an important part of the Maternity and Child Welfare Scheme of the Borough Council.

#### Schedule of Attendances at Infant Welfare Centres.

| Address of Clinic.                            | No. of Clinics | NEW CASES.  |             |             |            | TOTAL ATTENDANCES. |             |             |            |
|---|----------------|-------------|-------------|-------------|------------|--------------------|-------------|-------------|------------|
|   |                | Mothers.    |             | Children.   |            | Mothers.           |             | Children.   |            |
|   |                | Ante-natal. | Post-natal. | Under 1 yr. | Over 1 yr. | Ante-natal.        | Post-natal. | Under 1 yr. | Over 1 yr. |
| 48, Glenthorne Road ..                        | 101            | 404         | 17          | —           | —          | 1460               | 19          | —           | —          |
| 48, Glenthorne Road ..                        | 152            | —           | —           | 388         | 30         | —                  | —           | 5783        | 1907       |
| Victoria Mission Hall,<br>Becklow Road ..     | 98             | —           | —           | 205         | 22         | —                  | —           | 3070        | 1066       |
| St. Matthew's Hall,<br>Blythe Road ..         | 102            | —           | —           | 292         | 52         | —                  | —           | 4406        | 1158       |
| Old Oak Centre ...                            | 101            | 247         | 30          | —           | —          | 896                | 54          | —           | —          |
| Westway ...                                   | 98             | —           | —           | 287         | 41         | —                  | —           | 4109        | 1263       |
| Latymer Road Mission<br>Blechynden Street ... | 49             | —           | —           | 55          | 17         | —                  | —           | 763         | 636        |
| Presbyterian Hall,<br>College Park ...        | 48             | —           | —           | 27          | 7          | —                  | —           | 475         | 310        |
| Totals ...                                    | 749            | 651         | 47          | 1254        | 169        | 2356               | 73          | 18606       | 6340       |

Ante-natal Clinics ... .. 202

Infant Consultations ... .. 547

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749

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The average attendances for the various centres are as follows :—

|  |    |
|--|----|
| Hammersmith Infant Welfare Centres ... | 34 |
| Latymer Mission ... ..                 | 25 |
| College Park Centre ... ..             | 22 |

In the latter centre 40 per cent. only are residents of the Borough of Hammersmith, the remainder being residents of the Borough of Willesden.

### Infant Welfare Centres.

48, Glenthorne Road, W.6.

Tuesdays, Thursdays and Fridays, 1.45 p.m. New Cases, 1.30 p.m. Toddlers' Clinic, alternate Wednesdays, 10.30 a.m.

Victoria Hall, Becklow Road, W.12.

Mondays, 1.30 p.m.; Wednesdays, 1.45 p.m.

Old Oak Centre, The Curve, Westway, W.12.

Mondays and Thursdays, 1.45 p.m.

St. Matthew's Parish Hall, Blythe Road, W.14.

Tuesdays and Thursdays, 2 p.m.

Presbyterian Church Hall, Ponsard Road, N.W.10.

Wednesdays, 2 p.m.

Latymer Road Mission, Blechynden Street, W.11.

Tuesdays, 2 p.m.

### Ante-Natal Clinics.

48, Glenthorne Road, W.6.

Wednesdays, 2 p.m.; Fridays, 10.30 a.m.

Old Oak Centre, The Curve, Westway, W.12.

Wednesdays and Fridays, 2 p.m.

Four Ante-Natal Clinics are provided for expectant mothers.

Any expectant mother being resident in the Borough may attend. Reports are furnished to hospitals, doctors and midwives in respect of their respective patients.

Should any abnormality be discovered patients are advised to attend the Obstetric Ward of the Hammersmith or Queen Charlotte's Hospitals for observation and treatment.

It was hoped that the midwives would take advantage of the facilities provided and send their patients to the Clinic for ante-natal examination, but the attendance from this source continues to be disappointing. This is probably due to the fact that the Borough Council, which is the Maternity and Child Welfare Authority, is not the supervising authority under the Midwives Act. This function unfortunately remains in the hands of the London County Council, which leads to overlapping, divided authority and consequent lack of efficiency.

**Convalescent Treatment of Invalid Children.**—This work was carried on by the Invalid Children's Aid Association; the majority of children assisted are of school age, and a considerable number were sent to Convalescent Homes during the year.

In addition arrangements were made, as before, with the Hammersmith District Nursing Association for the services of a nurse when required, to ensure adequate attention in cases of Ophthalmia Neonatorum, Pneumonia and Measles.

### **Infectious Diseases of Mothers and Children Under Five Years of Age.**

Statistics showing the incidence of all infectious diseases during the year are included in the general report, but in so far as they relate particularly to diseases of parturient women and children under five years of age, are tabulated :

| Disease.                            | No. of Cases Notified. | Previous Year. | No. of Cases Visited. | No. of Cases Nursed. | No. of Cases Removed to Hospital. |
|-------------------------------------|------------------------|----------------|-----------------------|----------------------|-----------------------------------|
| Puerperal Fever                     | 2                      | 2              | 2                     | —                    | 2                                 |
| Puerperal Pyrexia                   | 19                     | 22             | 14                    | —                    | 19                                |
| Ophthalmia Neonatorum               | 11                     | 11             | 11                    | 1                    | 8                                 |
| Epidemic Diarrhœa*                  | 30                     | 30             | —                     | 1                    | —                                 |
| Measles & German Measles (under 5)† | 13                     | 628            | 13                    | —                    | 8                                 |
| Whooping Cough (under 5)†           | 167                    | 153            | 167                   | 1                    | 59                                |
| Poliomyelitis (under 5)             | 2                      | 1              | 2                     | —                    | 2                                 |

\* *Summer Diarrhœa*.—As this is not a notifiable disease the figures available are those of deaths which were registered as having been due to this cause.

† *Not notifiable diseases.*

**Ophthalmia Neonatorum.**—The number of cases reported was eleven against eleven in the previous year. The analysis of the final reports received is as follows:—

| Notified. | Cases.   |              | Vision unimpaired. | Vision Impaired. | Total Blindness. | Removed from District. | Still under Treatment. | Deaths. |
|-----------|----------|--------------|--------------------|------------------|------------------|------------------------|------------------------|---------|
|           | At Home. | In Hospital. |                    |                  |                  |                        |                        |         |
| 30.1.35   | 1        | —            | 1                  | —                | —                | —                      | —                      | —       |
| 9.3.35    | —        | 1            | 1                  | —                | —                | —                      | —                      | —       |
| 1.4.35    | —        | 1            | 1                  | —                | —                | —                      | —                      | —       |
| 18.6.35   | 1        | —            | 1                  | —                | —                | —                      | —                      | —       |
| 22.6.35   | —        | 1            | 1                  | —                | —                | —                      | —                      | —       |
| 28.6.35   | —        | 1            | —                  | —                | —                | 1                      | —                      | —       |
| 1.11.35   | —        | 1            | 1                  | —                | —                | —                      | —                      | —       |
| 15.11.35  | —        | 1            | 1                  | —                | —                | —                      | —                      | —       |
| 25.11.35  | —        | 1            | —                  | —                | —                | 1                      | —                      | —       |
| 12.12.35  | —        | 1            | 1                  | —                | —                | —                      | —                      | —       |
| 21.12.35  | —        | 1            | —                  | —                | —                | —                      | 1                      | —       |
|           | 2        | 9            | 8                  | —                | —                | 2                      | 1                      | —       |

All notified cases of diseases of parturient women and children under five years of age are visited immediately, and arrangements made for the attendance of a nurse where required.

## INSTITUTIONAL TREATMENT FOR UNMARRIED MOTHERS.

**St. Margaret's Hostel, 466, Uxbridge Road, W.12.**—Accommodation for 10 mothers and their infants. This hostel is conducted by a voluntary society towards which the Ministry of Health contributes.

**Hammersmith and Chiswick Refuge for Friendless Girls, 36, Glenthorne Road, W.6.**—Accommodation for 8 mothers and their infants. Supported by voluntary subscriptions.

**Jewish Hostel for Girls, Charcroft House, Roseford Gardens, W.12.**—Accommodation, 19 beds and 13 cots. This hostel is conducted by a voluntary society towards which the London County Council contributes.

## MATERNAL MORTALITY.

**Consultants.**—The provision of the services of four Consulting Obstetricians whose services are at the disposal of general practitioners in cases of difficulty or abnormality, was continued upon the following terms:—

- (1) That the patient must be a resident of Hammersmith.
- (2) The medical practitioners immediately notify the Medical Officer of Health that they have called in the services of the Consultants, giving the name and address of the patient, date of call, the reason and the result.
- (3) The Borough Council pay the fees of the Consultant, but where the financial position justifies it, the patient will be asked to pay a portion or the whole of the fee.

No consultant was called in during the year.

**Maternal Deaths.**—During the year two maternal deaths occurred, one from Puerperal Sepsis and one from other accidents and diseases of pregnancy and parturition.

Special enquiry was made and particulars obtained in accordance with the form presented by the Committee appointed by the Ministry of Health.

The reports contain full information as to—

- (1) Previous pregnancies, with particulars of complications, if any.
- (2) Ante-natal care, including number of consultations and examination of urine, with the result.
- (3) Description of Labour and Puerperium.
- (4) Remarks of Medical Officer of Health.

Special information is obtained in cases of abortion, toxæmias of pregnancy, hæmorrhage, difficult labour and puerperal sepsis.

The number of Maternal Deaths during the past fifteen years is as follows :—

| Year. | Number of Deaths  |                               | Number of live Births. | Maternal Death Rate. |
|-------|-------------------|-------------------------------|------------------------|----------------------|
|       | Puerperal Sepsis. | Other Accidents of Pregnancy. |                        |                      |
| 1920  | 6                 | 5                             | 3,312                  | 3.3                  |
| 1921  | 2                 | 10                            | 2,779                  | 4.3                  |
| 1922  | 4                 | 5                             | 2,758                  | 3.3                  |
| 1923  | 5                 | 3                             | 2,701                  | 3.0                  |
| 1924  | 4                 | 4                             | 2,399                  | 3.3                  |
| 1925  | 6                 | 7                             | 2,351                  | 5.5                  |
| 1926  | 3                 | 4                             | 2,188                  | 3.2                  |
| 1927  | 3                 | 4                             | 2,076                  | 3.4                  |
| 1928  | 5                 | 5                             | 2,258                  | 4.4                  |
| 1929  | 5                 | 2                             | 2,162                  | 3.3                  |
| 1930  | 4                 | 5                             | 2,173                  | 4.1                  |
| 1931  | 2                 | 5                             | 2,073                  | 3.4                  |
| 1932  | 3                 | 4                             | 1,940                  | 3.6                  |
| 1933  | 6                 | 2                             | 1,827                  | 4.4                  |
| 1934  | 4                 | 5                             | 1,783                  | 5.0                  |
| 1935  | 1                 | 1                             | 1,877                  | 1.1                  |

## DAY NURSERIES.

**Latymer Road Day Nursery.**—Provides accommodation for 50 children.

**Princess Christian Day Nursery, Goldhawk Road.**—Provides accommodation for 45 children in winter and 50 in summer.

The above nurseries are conducted by Voluntary Associations, supported by voluntary contributions, to which the Council contributes.

## Midwives.

The London County Council is the supervising authority under this heading.

I am informed by the County Medical Officer of Health that 41 midwives gave notice of their intention to practise in the Borough during 1935.

## Reorganisation of Maternity Services.

In July, I submitted a report relating to the additional obstetric and other services available as a result of the opening of the British Post-Graduate School at Hammer-smith Hospital and the effect of these on the services for which the Council is responsible.

In view of the exceptional facilities available at the Hospital, the installation of the very latest equipment and the ready co-operation of the medical, surgical and obstetric

units, it was confidently anticipated that practically all Hammersmith mothers wishing to be confined in an institution would seek admission for their confinement.

Six part-time medical officers were engaged on Maternity and Child Welfare work at the Infant Welfare Centres in the Borough, and although the doctors were experienced and capable there were many disadvantages in this part-time service.

For these reasons and having regard to the relatively high maternal and infant death-rates, I recommended that the services provided at the Infant Welfare Centres and the Ante-natal Clinics should be re-organised.

Whole-time officers are better able to secure co-operation between the Council and the Voluntary Organisations devoted to Public Health, Social and Maternity and Child Welfare work.

On my recommendation the Council decided to appoint two Assistant Medical Officers for Maternity and Child Welfare work.

In view of the provision of this service by the Borough Council, the annual grants to the Voluntary Associations were revised and approved by the Ministry of Health.

The Assistant Medical Officers will commence their duties on the 1st April, 1936.

I have also been in touch with Sir Frederick Menzies, the Chief Medical Officer for the London County Council, and Professor Young, of the Post-Graduate Medical School



at Hammersmith Hospital, and suggested that the services of the Hospital Staff shall be placed at the disposal of the Midwives and Medical Practitioners in cases of abnormality or difficulty.

This proposal was well received, and it is hoped to complete a scheme whereby this may be put into operation.

### **Domiciliary Midwifery Service.**

Following the Report of the Midwifery Services Committee appointed by the Joint Council of Midwifery to consider the whole question of the remuneration of the midwives as bearing on the efficiency of the midwifery service, &c. I recommended the Council to immediately proceed to make provision for a Domiciliary Midwifery Service.

I pointed out that this could be done very conveniently by arrangement with the Hammersmith District Nursing Association, which was already responsible for carrying out domiciliary nursing for the Council under the Public Health Acts and Maternity and Child Welfare Scheme.

As a result, the Council has entered into an agreement with the Hammersmith District Nursing Association for the services of a properly trained midwife to attend cases booked for home confinements. The midwife also attends the Council's Ante-natal Clinics where expectant mothers are kept under observation.

She will thereby be in close touch with her patients from the early stages of pregnancy until delivery.

This arrangement will also relieve the Health Visitors from attending two Ante-natal Clinics.

This service will come into operation on 1st April, 1936.

## INFANT LIFE PROTECTION.

### Children and Young Persons Acts, 1908-1932.

At the end of the year there were 104 foster-children in the care of 97 foster-mothers.

Fourteen foster-mothers were on the register but without foster children at end of year.

The Lady Sanitary Inspector is responsible for visiting the homes of all foster-children.

During the year 47 foster-mothers were removed from the register for various reasons and 41 new foster-mothers were registered.

Twenty-one applications for registration were not approved.

A summary of the work carried out during the twelve months under review follows:—

#### FOSTER-MOTHERS.

|   |       |            |
|---|-------|------------|
| No. of Foster-Mothers on Register December 31st, 1935         | ..    | <u>111</u> |
| "    "    "    Recommended for Registration                   | ..    | 41         |
| No. of Foster-Mothers removed from Register                   | ..    | <u>47</u>  |
| (1) Removed from Borough                                      | .. .. | 6          |
| (2) Adopted Children  | .. .. | 2          |
| (3) Unsuitable  | .. .. | 1          |
| (4) 9 years of age  | .. .. | 10         |
| (5) Temporarily approved                                      | .. .. | 3          |
| (6) No further Foster-Children required                       | ..    | 24         |
| (7) Illness of Foster Mothers                                 | .. .. | 1          |
| .. Applications for Registration received but not Recommended | .. .. | 21         |

## FOSTER-CHILDREN.

|  |    |            |
|--|----|------------|
| No. of Foster Children on Register December 31st, 1935 | .. | <u>104</u> |
| "    "    "    received by Foster-Mothers              | .. | 129        |
| "    "    "    moved from Foster-Mothers               | .. | 147        |
| (1) To Foster-Mothers                                  | .. | 33         |
| (2) To Parents or Guardians                            | .. | 62         |
| (3) To Institutions                                    | .. | 31         |
| (4) Adopted  | .. | 4          |
| Children removed from Borough with Foster-Mother       |    | 4          |
| Foster-Children who have reached the age of 9 years    |    |            |
| during the Year  | .. | 12         |
| Died   | .. | 1          |

## VISITS.

|                                     |    |    |              |              |
|-------------------------------------|----|----|--------------|--------------|
| No. of visits to new Foster-Mothers | .. | .. | ..           | 44           |
| "    "    Registered Foster-Mothers | .. | .. | ..           | 1180         |
| Verification Visits                 | .. | .. | ..           | 14           |
| Special Visits                      | .. | .. | ..           | 53           |
| Outs                                | .. | .. | ..           | 259          |
|                                     |    |    |              | <u>1,550</u> |
|                                     |    |    | Total Visits | ..           |

## SANITARY CIRCUMSTANCES OF THE BOROUGH.

**Closet Accommodation.**—There are as far as is known no privies in the Borough, all houses being provided with proper water-closets on the water carriage system.

**Scavenging.**—The arrangements for the removal and disposal of house refuse include the use of both motor and horse-drawn vehicles.

Throughout the Borough, there are quite a number of ashpits. This means of depositing house refuse is not only out of date, but in the majority of cases leads to nuisances arising. In all cases which come before the Public Health Department, the owners are advised to close the same, and provide proper metal receptacles in accordance with the L.C.C. Bye-laws.

### **FOULING OF FOOTPATHS BY DOGS.**

In September, 1922, the Council obtained approval of the following Bye-law for the good rule and government of the Borough in pursuance of Section 23 of the Municipal Corporation Act, 1882, and Section 16 of the Local Government Act, 1888.

No person being in charge of a dog in any street or public place and having the dog on a lead shall allow or permit such dog to deposit its excrement upon the public footway.

Any person offending against the foregoing Bye-law shall be liable to a penalty not exceeding forty shillings.

During the year under review seven summonses were taken, when fines of 10s. were imposed in four cases. £1 in one case, £2 in one case, and one case being dismissed on payment of 2s. costs.

**Sanitary Inspection of the Area.**—During the year 43,684 inspections were made by the Sanitary Inspectors.

Fifty-seven notices have been served during the year regarding overcrowded conditions. These are found in the course of inspection, but it is difficult to take effective action owing to the shortage of accommodation. The Housing schemes of the London County Council and Borough Council have provided many houses, but overcrowded conditions still exist.

**Inspections.**—The following table shows the number of visits made in each district under the various inspection head :—

NUMBER OF INSPECTIONS MADE DURING 1935.

| CAUSE OF INSPECTION.                            | DISTRICTS.   |              |              |              |              |              |              |              |                         |                          | Total.        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|--------------------------|---------------|
|   | 1            | 2            | 3            | 4            | 5            | 6            | 7            | 8            | Lady Sanitary Inspector | Food and Drugs Inspector |               |
| Infectious Disease .. ..                        | 106          | 127          | 80           | 82           | 235          | 166          | 188          | 102          | 822                     | 8                        | 1,916         |
| Complaints .. .. .                              | 602          | 590          | 525          | 623          | 504          | 717          | 486          | 608          | 398                     | ..                       | 5,053         |
| Tenement Houses .. ..                           | 20           | 1            | ..           | ..           | ..           | 3            | ..           | ..           | ..                      | ..                       | 24            |
| House to House .. ..                            | 31           | 19           | 46           | 44           | 41           | 7            | 60           | 58           | ..                      | ..                       | 306           |
| Housing Acts .. .. .                            | 124          | 64           | 94           | 103          | 85           | 1            | ..           | 2            | ..                      | ..                       | 473           |
| House to House Consolidated Regulations         | 35           | 15           | ..           | ..           | 12           | ..           | ..           | 11           | ..                      | ..                       | 73            |
| Shops Act, 1934 .. ..                           | 42           | 127          | 31           | 50           | 28           | 127          | 29           | 138          | ..                      | ..                       | 572           |
| Food (other than Restaurants and Eating Houses) | 46           | 291          | 197          | 368          | 146          | 102          | 558          | 261          | ..                      | 1,388                    | 3,357         |
| Restaurants and Eating Houses                   | 44           | 74           | 56           | 48           | 17           | 48           | 122          | 66           | ..                      | 103                      | 578           |
| Markets .. .. .                                 | 36           | 36           | 236          | 65           | 32           | 196          | 29           | 294          | ..                      | 610                      | 1,534         |
| Slaughterhouses .. ..                           | ..           | ..           | 94           | 57           | ..           | 3            | ..           | ..           | ..                      | 1                        | 155           |
| Poultry Slaughterhouses ..                      | ..           | 10           | ..           | ..           | ..           | ..           | ..           | ..           | ..                      | 2                        | 12            |
| Bakehouses .. .. .                              | 11           | 41           | 34           | 51           | 52           | 36           | 22           | 18           | ..                      | 54                       | 319           |
| Milk Vendors .. .. .                            | 57           | 123          | 61           | 131          | 75           | 26           | 42           | 78           | ..                      | 447                      | 1,040         |
| Ice Cream Vendors .. ..                         | ..           | 4            | 1            | ..           | ..           | ..           | ..           | ..           | ..                      | 199                      | 204           |
| Factories (including Factory Laundries)         | 54           | 59           | 23           | 36           | 16           | 37           | 29           | 135          | 59                      | ..                       | 448           |
| Workshops (including Workshop Laundries)        | 14           | 25           | ..           | 34           | 5            | 14           | 14           | 23           | 54                      | ..                       | 183           |
| Workplaces (other than Outworkers)              | 5            | 19           | 21           | 29           | 1            | 6            | 3            | 34           | 47                      | ..                       | 165           |
| Outworkers .. .. .                              | ..           | 1            | ..           | 1            | ..           | ..           | ..           | ..           | 106                     | ..                       | 108           |
| Public Urinals .. .. .                          | 125          | 228          | 59           | 34           | 123          | 210          | 132          | 151          | 12                      | ..                       | 1,074         |
| Smoke Observations .. ..                        | ..           | 39           | 1            | 8            | 16           | 82           | ..           | 12           | ..                      | ..                       | 158           |
| Drainage .. .. .                                | 1,160        | 1,454        | 1,161        | 997          | 793          | 642          | 631          | 617          | ..                      | ..                       | 7,455         |
| Miscellaneous .. .. .                           | 168          | 497          | 40           | 379          | 190          | 216          | 825          | 181          | 52                      | 445                      | 2,993         |
| Re-visits .. .. .                               | 2,209        | 1,222        | 1,301        | 1,814        | 1,519        | 1,917        | 1,572        | 2,276        | 81                      | ..                       | 13,911        |
| Infant Life Protection ..                       | ..           | ..           | ..           | ..           | ..           | ..           | ..           | ..           | 1,550                   | ..                       | 1,550         |
| Common Lodging Houses ..                        | ..           | ..           | 23           | ..           | ..           | ..           | ..           | ..           | ..                      | ..                       | 23            |
| <b>TOTALS .. .. .</b>                           | <b>4,889</b> | <b>5,066</b> | <b>4,084</b> | <b>4,954</b> | <b>3,890</b> | <b>4,556</b> | <b>4,742</b> | <b>5,065</b> | <b>3,181</b>            | <b>3,257</b>             | <b>43,684</b> |

**Notices.**—The following table shows the number of Preliminary Notices served and complied with during the year :—

|  | Notices Served. | Notices complied with. |
|--|-----------------|------------------------|
| Infectious Diseases ... ..                     | 244             | 329                    |
| Complaints .. .. .                             | 2,448           | 2,295                  |
| House to House ... ..                          | 167             | 266                    |
| House to House Consolidated Regulations ... .. | 18              | 30                     |
| Food (other than Restaurants)                  | 36              | 35                     |
| Restaurants, &c. ... ..                        | 26              | 22                     |
| Bakehouses ... ..                              | 13              | 10                     |
| Milk Vendors ... ..                            | 5               | 5                      |
| Ice Cream Vendors ... ..                       | —               | —                      |
| Factories ... ..                               | 19              | 19                     |
| Workshops ... ..                               | 13              | 12                     |
| Workplaces ... ..                              | 19              | 24                     |
| Outworkers ... ..                              | 1               | 1                      |
| Public Urinals ... ..                          | 4               | 3                      |
| Smoke Observations ... ..                      | 16              | —                      |
| Drainage ... ..                                | 67              | 48                     |
| Miscellaneous ... ..                           | 107             | 64                     |
| Re-visits ... ..                               | 502             | 489                    |
| Common Lodging Houses ... ..                   | 1               | 1                      |
| Tenement Houses ... ..                         | 8               | 4                      |
| Housing Acts ... ..                            | —               | 8                      |
| Infant Life Protection ... ..                  | 3               | 3                      |
| Shops Act, 1934 ... ..                         | 112             | 31                     |
| Markets ... ..                                 | 1               | —                      |
| Total ...                                      | 3,830           | 3,699                  |

During the year 1,393 Statutory Notices were served and 1,221 complied with.

In many instances it was necessary to take proceedings in order to enforce compliance with Notices served.

The following table shows the result of proceedings taken:—

SUMMONSES—YEAR 1935.

| Situation of Premises.   | Nature of Offence.                      | No. of Summonses. | Result of Proceedings.                                   |
|--------------------------|---|-------------------|--|
| 5, Elric Street          | Failing to comply with Statutory Notice | 2                 | Withdrawn. 10s. 6d. costs                                |
| 25, Stamford Brook Road  | ditto                                   | 1                 | Withdrawn. 10s. 6d. costs                                |
| 2, Chester Terrace       | ditto                                   | 1                 | Withdrawn. 10s. 6d. costs                                |
| 95, Devonport Road       | ditto                                   | 1                 | Withdrawn  |
| 18, Somerset Place       | ditto                                   | 1                 | Withdrawn. 10s. 6d. costs                                |
| 28, Letchford Gardens    | ditto                                   | 1                 | Order made 14 days                                       |
| 24, Rowan Road           | Construction of waste pipe              | 1                 | Fined 10s.   |
| ditto                    | Failing to give notice                  | 1                 | Fined 10s.   |
| 43, Woodstock Road       | Failing to comply with Statutory Notice | 1                 | Withdrawn. 10s. 6d. costs                                |
| 124, Becklow Road        | ditto                                   | 2                 | Withdrawn  |
| 37, Davisville Road      | ditto                                   | 3                 | Withdrawn  |
| 9, Goodwin Road          | ditto                                   | 3                 | 1. Fined £1<br>2. Order made 14 days<br>3. Fined £1      |
| 11, Goodwin Road         | ditto                                   | 4                 | 1. Fined £1<br>2. Fined £1<br>3. Fined £1<br>4. Fined £1 |
| 13, Goodwin Road         | ditto                                   | 1                 | Fined £1   |
| 15, Goodwin Road         | ditto                                   | 1                 | Fined £1   |
| Goldhawk Road            | Unlawful removal of offensive matter    | 1                 | Dismissed  |
| 2, Olaf Street Dwellings | Failing to comply with Statutory Notice | 1                 | Order made 7 days  |
| 205, Latymer Road        | ditto                                   | 2                 | 1. Withdrawn<br>2. Order made 14 days                    |
| 207, Latymer Road        | ditto                                   | 1                 | Withdrawn  |
| 49, Netherwood Road      | Construction of waste pipe              | 1                 | Withdrawn. 10s. 6d. costs                                |
| 37, Poplar Grove         | ditto                                   | 1                 | Withdrawn  |
| ditto                    | ditto                                   | 1                 | Withdrawn  |
| ditto                    | Failing to give notice                  | 1                 | Fined 10s.   |
| 72, Rayleigh Road        | Failing to comply with Statutory Notice | 1                 | Withdrawn. 10s. 6d. costs                                |



SUMMONSES—*continued.*

| Situation of Premises. | Nature of Offence.                      | No. of Summonses. | Result of Proceedings.                                       |
|------------------------|---|-------------------|--|
| 77, Cobbold Road       | Failing to comply with Statutory Notice | 1                 | Withdrawn  |
| 29, Southbrook Street  | ditto                                   | 1                 | Withdrawn  |
| 12, Hetton Street      | ditto                                   | 1                 | Withdrawn  |
| 17, Goodwin Road       | ditto                                   | 3                 | 1. Fined £3<br>2. Fined £3<br>3. Fined £3                    |
| 19, Goodwin Road       | ditto                                   | 1                 | Order made 14 days   |
| 93, Goldhawk Road      | ditto                                   | 2                 | 1. Withdrawn. 10s. 6d. costs<br>2. Withdrawn. 10s. 6d. costs |
| 45, Stebbing Street    | ditto                                   | 2                 | Withdrawn  |
| 93, Goldhawk Road      | ditto                                   | 1                 | Withdrawn  |
| 2, Loris Road          | Construction of waste pipe              | 1                 | Withdrawn  |
| ditto                  | Failing to give notice                  | 1                 | Withdrawn  |
| 64, Rayleigh Road      | Failing to comply with Statutory Notice | 2                 | 1. Order made 28 days<br>2. Fined £1                         |
| 1, Adie Road           | ditto                                   | 2                 | 1. Withdrawn. 10s. 6d. costs<br>2. Withdrawn. 10s. 6d. costs |
| 21, Oaklands Grove     | Failing to give notice                  | 1                 | Fined 10s.   |
| ditto                  | Construction of waste pipe              | 1                 | Fined 10s.   |
| Goldhawk Road          | Unlawful removal of offensive matter    | 1                 | Fined £1   |
| ditto                  | ditto                                   | 1                 | Dismissed with a caution. Case proved                        |
| 160, Percy Road        | Failing to comply with Statutory Notice | 1                 | Withdrawn  |
| 64, Wendell Road       | ditto                                   | 1                 | Withdrawn  |
| 9, Goodwin Road        | ditto                                   | 3                 | Withdrawn  |
| 19, Goodwin Road       | ditto                                   | 1                 | Withdrawn  |
| 120, Uxbridge Road     | ditto                                   | 2                 | 1. Order made 14 days<br>2. Fined £2                         |
| 35, Richmond Road      | Failing to give notice                  | 1                 | Withdrawn. 10s. 6d. costs                                    |
| ditto                  | Construction of waste pipe              | 1                 | Withdrawn. 10s. 6d. costs                                    |

SUMMONSES—*continued.*

| Situation of Premises.    | Nature of Offence.                            | No of Summons. | Result of Proceedings.                                       |
|---------------------------|---|----------------|--|
| Goldhawk Road             | Unlawful removal of offensive matter          | 2              | 1. Fined 10s.<br>2. Fined 10s.                               |
| 45, Maclise Road          | Failing to comply with Statutory Notice       | 1              | Withdrawn  |
| 21, Oaklands Grove        | ditto   | 1              | Fined £2   |
| 3, Hanover Cottages       | ditto   | 1              | Withdrawn. 5s. costs   |
| 22, Havelock Road         | ditto   | 2              | 1. Order made 14 days<br>2. Fined 10s.                       |
| 2, Sinclair Road          | Failing to deposit plans                      | 1              | Fined 5s.  |
| 4, Sinclair Road          | ditto   | 1              | Fined 5s.  |
| 2, Olaf Street Dwellings  | Failing to comply with Statutory Notice       | 1              | Fined 33s.   |
| 48, Gratton Road          | ditto   | 1              | Order made 14 days   |
| 375, Latymer Road         | Preventing owner from obeying Sanitary Notice | 1              | Withdrawn on defendants undertaking to allow work to proceed |
| 96, Rayleigh Road         | Failing to comply with Statutory Notice       | 1              | Order made 14 days   |
| 12, Cromwell Grove        | Failing to give notice                        | 1              | Fined 10s.   |
| ditto                     | Construction of waste pipe                    | 1              | Fined 10s.   |
| 55, Milson Road           | Failing to comply with Statutory Notice       | 2              | 1. Fined £2<br>2. Fined £2                                   |
| 64, Rayleigh Road         | ditto   | 1              | Order made 14 days   |
| 17, Shepherd's Bush Green | ditto   | 1              | Withdrawn  |
| 57, Milson Road           | ditto   | 1              | Withdrawn  |
| Askew Road                | Unlawful removal of offensive matter          | 1              | Dismissed with caution                                       |
| Uxbridge Road             | ditto   | 1              | Fined 10s.   |
| ditto                     | ditto   | 1              | Dismissed with caution                                       |
| Ducane Road               | ditto   | 2              | 1. Dismissed with caution<br>2. Fined 5s.                    |
| Westway                   | ditto   | 2              | 1. Dismissed with caution<br>2. Fined 5s.                    |
| King Street               | ditto   | 2              | 1. Fined 5s.<br>2. Fined 5s.                                 |
| Westway                   | ditto   | 1              | Fined 5s.  |
| 15, Fielding Road         | Failing to comply with Statutory Notice       | 1              | Fined £2 10s.  |

SUMMONSES—*continued.*

| Name and Address.              | Nature of Offence.                      | No. of Summons. | Result of Proceedings.   |
|--------------------------------|---|-----------------|--|
| 37, Richmond Gardens           | Failing to deposit plans                | 1               | Withdrawn. 10s. 6d. costs  |
| 96, Rayleigh Road              | ditto                                   | 1               | Withdrawn. 10s. 6d. costs  |
| 20, Lena Gardens               | Failing to comply with Statutory Notice | 1               | Order made 21 days<br>Fined £2   |
| Shepherd's Bush Road           | Unlawful removal of offensive matter    | 2               | 1. Fined 10s.<br>2. Summons not proceeded with on recommendation of Bench                                  |
| 31, Lena Gardens               | Failing to comply with Statutory Notice | 5               | Withdrawn. 10s. 6d. costs<br>2. Withdrawn<br>3. Withdrawn. 10s. 6d. costs.<br>4. Withdrawn<br>5. Withdrawn |
| 203, Latymer Road              | ditto                                   | 1               | Fined 5s.  |
| 205, Latymer Road              | ditto                                   | 2               | 1. Order made 14 days<br>2. Fined 10s.   |
| 15, Hume Road                  | Construction of drain                   | 1               | Fined 10s.   |
| ditto                          | Failing to deposit plans                | 1               | Fined 10s.   |
| 64, Rayleigh Road              | Failing to comply with Statutory Notice | 1               | Fined £2   |
| 160, Percy Road                | Letting rooms in verminous condition    | 1               | Fined £2   |
| 34, Southbrook Street          | ditto                                   | 1               | Fined £2   |
| ditto                          | Failing to comply with Statutory Notice | 1               | Withdrawn  |
| Coningham Villa, Boscombe Road | Failing to deposit plans                | 1               | Fined £1   |
| 39, Hetley Road                | ditto                                   | 1               | Fined £1   |
| 1a, Redan Street               | Failing to comply with Statutory Notice | 1               | Order made 7 days  |
| 16, Raynham Road               | ditto                                   | 1               | Withdrawn.   |
| 118, Sinclair Road             | ditto                                   | 1               | Withdrawn. 10s. 6d. costs  |
| 12, Rayleigh Road              | ditto                                   | 1               | Order made 14 days.  |
| Goldhawk Road                  | Unlawful removal of offensive matter    | 2               | Dismissed with caution   |
| 17, Rayleigh Road              | Failing to comply with Statutory Notice | 1               | Withdrawn. 10s. 6d. costs  |

SUMMONSES—*continued.*

| Situation of Premises. | Nature of Offence.                      | No. of Summons. | Result of Proceedings.               |
|------------------------|---|-----------------|--------------------------------------|
| 9, Goodwin Road        | Failing to comply with Statutory Notice | 1               | Fined £1                             |
| 13, Goodwin Road       | ditto                                   | 2               | 1. Fined £1<br>2. Order made 14 days |
| 26, Hunt Street        | ditto                                   | 1               | Order made 7 days                    |
| 19, Goodwin Road       | ditto                                   | 1               | Order made 14 days                   |

## HAMMERSMITH BOROUGH COUNCIL BYE-LAWS—DOGS.

| Name and Address.          | Nature of Offence.  | No. of Summons. | Result of Proceedings.                             |
|----------------------------|---|-----------------|--|
| Mrs. P. A.,<br>Hammersmith | Contravention of Bye-law re nuisance by dogs in Goldhawk Road | 1               | Fined 10s.   |
| Miss M. K. S.,<br>Fulham   | ditto<br>Hammersmith Road                                     | 1               | Fined 10s.   |
| Mr. R. C.,<br>Hammersmith  | ditto<br>Bloemfontein Road                                    | 1               | Dismissed under the P.O.A. on payment of 2s. costs |
| Miss K. C.,<br>Acton       | ditto<br>Askew Road   | 1               | Fined £1   |
| Mr. G. H.,<br>Osterley     | ditto<br>The Grove  | 1               | Fined £2   |
| Mr. D. R.,<br>Hammersmith  | ditto<br>Glenthorne Road                                      | 1               | Fined 10s.   |
| Mr. F. M.,<br>Hammersmith  | ditto<br>Uxbridge Road  | 1               | Fined 10s.   |

## MILK AND DAIRIES ORDER, 1926.

| Name and Address.                    | Nature of Offence.   | No. of Summons | Result of Proceedings.  |
|--------------------------------------|--|----------------|---|
| Mr. H. C. D.,<br>Fulham              | Filling milk bottle in Elm Grove   | 1              | Fined £1  |
| Mr. G. J.,<br>Kensington             | Filling milk bottle in Sussex Place  | 1              | Fined 5s.   |
| ditto                                | Unlawfully carrying on trade as dairyman in the Borough without being registered | 1              | Withdrawn by consent to enable Council to proceed against employers |
| Messrs. D. G. D. &<br>Son,<br>Fulham | ditto  | 1              | Dismissed with a caution under the P.O.A.                           |

## INFANT LIFE PROTECTION.

| Name and Address.       | Nature of Offence.                              | No. of Summons. | Result of Proceedings. |
|-------------------------|---|-----------------|------------------------|
| Mrs. T.,<br>Hammersmith | Failure to register infant with local authority | 1               | Fined £1               |

## HOUSING ACT.

| Situation of Premises. | Nature of Offence.  | No. of Summons. | Result of Proceedings.   |
|------------------------|---|-----------------|--|
| 135, Blythe Road       | Underground room used for sleeping purposes contrary to Closing Order | 1               | Adjourned <i>sine die</i> .<br>On recommendation of Bench an undertaking was given by Defendant not to permit use of room for these purposes.<br>10s. 6d. costs. |

## LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1928.

During the year it was found necessary to apply to the Court for Orders for the removal of three persons who were unable to devote to themselves proper care and attention and living under insanitary conditions.

They were removed to Institutions of the L.C.C.

**Factories, Workshops and Workplaces.** — During the year 51 notices were served in reference to insanitary conditions and defects found to exist during the inspection of the factories, workshops and workplaces in the Borough, and during the same period 55 notices were complied with.

During the previous year there were 69 notices served and 71 complied with.

The following is a list of the Factories, Workshops and Workplaces upon the Register:—

|   |     |
|---|-----|
| Restaurants, Hotels, &c. ... ..               | 198 |
| Bakehouses (27 not in use as Bakeries)... ..  | 67  |
| Bootmakers ... ..                             | 36  |
| Motor and Cycle Makers ... ..                 | 3   |
| Dressmakers and Milliners ... ..              | 24  |
| Laundries ... ..                              | 44  |
| Outworkers .. ..                              | 122 |
| Letterpress Printers and Bookbinders ... ..   | 20  |
| Electrical and Mechanical Engineers ... ..    | 89  |
| Smiths, Wheelwrights and Coachbuilders ... .. | 21  |
| Tailors ... ..                                | 19  |
| Builders, Carpenters and Joiners ... ..       | 23  |
| Miscellaneous ... ..                          | 227 |
| Total ... ..                                  | 893 |

The whole of these premises have been under a systematic inspection by your Inspectors.

The following tables have been prepared in accordance with the form prescribed by the Home Office on the Administration of the Factory and Workshops Act, 1901, in connection with Factories, Workshops, Workplaces and Homework.

### 1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

| Premises  | Number of   |                 |              |
|---|-------------|-----------------|--------------|
|   | Inspections | Written Notices | Prosecutions |
| Factories ... ..<br>(including Factory Laundries)   | 448         | 19              | —            |
| Workshops .. ..<br>(including Workshop Laundries)   | 183         | 13              | —            |
| Workplaces ... ..<br>(other than outworkers' premises<br>included in Part 3 of this report) | 165         | 19              | —            |
| Total ... ..  | 796         | 51              | —            |

## 2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

| Particulars  | Number of Defects |           |                            | Number of Prosecutions |
|--|-------------------|-----------|----------------------------|------------------------|
|  | Found             | Re-medied | Referred to H.M. Inspector |                        |
| <i>Nuisances under the Public Health Acts—</i>   |                   |           |                            |                        |
| Want of Cleanliness ... ..   | 20                | 23        | —                          | —                      |
| Want of Ventilation ... ..   | 2                 | 2         | —                          | —                      |
| Overcrowding ... ..  | —                 | —         | —                          | —                      |
| Want of Drainage of Floors ... ..  | 1                 | 1         | —                          | —                      |
| Other Nuisances ... ..   | 19                | 19        | —                          | —                      |
| Sanitary Accommo-<br>dation { insufficient ... ..  | 5                 | 4         | —                          | —                      |
| { unsuitable or defective ... ..   | 16                | 18        | —                          | —                      |
| { not separate for sexes ... ..  | —                 | —         | —                          | —                      |
| <i>Offences under the Factory and Workshop Act</i>   |                   |           |                            |                        |
| Illegal occupation of underground bake-house (S. 101) ... ..   | —                 | —         | —                          | —                      |
| Other offences ... ..<br>(excluding offences relating to out-work which are included in Part 3 of this report) | —                 | —         | —                          | —                      |
| Total ... ..   | 63                | 67        | —                          | —                      |

## 3.—HOME WORK.

| Nature of Work                  | Outwork in Un-wholesome premises, Sec. 108 |                |              | Outwork in Infected Premises Secs. 109, 110 |                        |                               |
|---------------------------------|--|----------------|--------------|---|------------------------|-------------------------------|
|                                 | Instances                                  | Notices served | Prosecutions | Instances                                   | Orders made (Sec. 110) | Prosecutions (Secs. 109, 110) |
| <i>Wearing apparel—</i>         |  |                |              |   |                        |                               |
| (1) making, etc. ... ..         | 1  | 1              | —            | —   | —                      | —                             |
| (2) cleaning and washing ... .. | —  | —              | —            | —   | —                      | —                             |
| Furniture and upholstery ... .. | —  | —              | —            | —   | —                      | —                             |
| TOTALS ... ..                   | 1  | 1              | —            | —   | —                      | —                             |

## 4.—REGISTERED WORKSHOPS.

| Workshops on the Register (S. 131) at the end of the year | Number |
|---|--------|
| Bakehouses .. ... .. .                                    | 26     |
| Dressmakers .. .. .                                       | 22     |
| Laundries ... .. .  | 7      |
| Outworkers .. .. .  | 122    |
| Others ... .. .   | 139    |
| Total number of workshops on Register ... ..              | 316    |

## 5.—OTHER MATTERS.

| Class  | Number |
|--|--------|
| Matters notified to H M. Inspector of Factories—   |        |
| Failure to affix Abstract of the Factory and Workshop Act 1901 (S. 133) ... .. .   | —      |
| Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act, 1901 (S. 5) { |        |
| Notified by H.M. Inspector ..  | 7      |
| Reports of action taken sent to H.M. Inspector   | 7      |
| Other ... .. .   | —      |
| Underground bakehouses (S.101)—  |        |
| Certificates granted during year ... .. .  | —      |
| In use at the end of the year ... .. .   | 25     |

**House to House.**—As a result of the house to house visitation 306 inspections were made, 167 notices served, and 266 complied with.

**Smoke Abatement.**—During the year observations were kept in reference to black smoke emitted from the various factories, laundries, bakehouses, &c., situate in and adjoining the Borough. Sixteen Intimation Notices were served. No summons was taken out.



Reports were submitted to the Public Health Committee in reference to the observations made as regards the following :—

H.B.C. Electricity Works, Fulham Palace Road.  
 Glen Laundry, Landor Road.  
 Gaumont British Film Studios.  
 Shepherd's Bush Pavilion, Shepherd's Bush Green.  
 Victoria Laundry, Becklow Road.  
 Dubilier Condenser Co., Goldhawk Road.  
 New Ideal Studios, River Terrace.  
 Swan Laundry, Blythe Road.  
 London Wholesale Dairies, Wood Lane.  
 Cromwell Grove Sewer Extension Works.  
 Purewite Laundry, Gayford Road.  
 Destructor, 15, Pennard Road.  
 Fullers, Ltd., Great Church Lane.  
 Sulgrave Road, Sewer Extension Works.  
 Balmoral Laundry, 67, Becklow Road.  
 Waring & Gillow, Cambridge Road.  
 Civic Pipe Co., Fulham Palace Road.  
 Stansell & Gregory, Askew Road.

**Rats and Mice (Destruction) Act, 1919.**— During the year the Rats and Mice (Destruction) Act, 1919, continued in operation, the District Inspectors being responsible for its administration in their respective districts.

Section I places the responsibility of ridding the premises of the pest upon the occupier, but this is somewhat difficult when dealing with tenement houses containing in some cases three or more families.

During the year several complaints were received with regard to rat infestation of premises. In each case an inspection was made and advice and instructions given. A supply of poison was given where necessary and in most cases satisfactory results have been obtained.

National Rat Week was held in November, as in previous years. The Ministry of Agriculture and Fisheries again urged local authorities to take action, and arrangements were made for the baiting of the sewers, through the agency of the Borough Engineer and Surveyor's Department.

Fifty-six lbs. of rat poison was laid in sewer manholes.

The Borough Engineer and Surveyor reported that 50 per cent. of the poison had been taken.

### PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS AND REGULATIONS.

The following premises and occupations have been kept under constant inspection throughout the year, and action taken where found to be necessary:—

- Fried Fish Vendors.
- Milk Vendors.
- Ice Cream Vendors.
- Slaughterhouses.

Full particulars and remarks regarding these premises are to be found in another part of the report.

**Tenement Houses.**—As a result of house to house inspection 43 premises have been registered under the London County Council Bye-laws relating to tenement houses.

**Houses Let in Lodgings.**—During the year no new houses were registered.

**Seamen's Lodging Houses.**—There are no seamen's lodging houses in the Borough.

**Common Lodging Houses.**—There is one common lodging house known as Jubilee Chambers situate in Bradmore Lane, Hammersmith.

Application for the renewal of the licence was received from Mr. William George Parker, residence Jubilee House, Hammersmith.

The application was approved and a licence issued dated the 1st July, 1935.

The maximum number of lodgers who may be received at any one time into this house is 244.

## VANS.

There are three caravans in the yard side of 261, Latimer Road, used for living and sleeping purposes by six adults and six children. The average cubic capacity for each person is 100 c. ft.

Regular inspections have been made, but owing to the absence of special regulations and the fact that these van-dwellers are of the lowest gypsy-type, any improvements in the sanitary conditions effected are of short duration.

In Britannia Yard, Wharf Road, there is one large caravan in which two adults sleep, a separate van being used as a kitchen. No nuisance has been observed during inspections.

In the National Car Park opposite the White City Stadium there is one large caravan occupied by the caretaker and his wife. Other vans park here from time to time. During the time of the Olympia Fun Fair there were nine caravans occupied by twenty-three people. This site is a good one and the occupiers are of the showman type with well-fitted caravans. No nuisance has been observed during inspections.

**Schools.**—The sanitary condition and water supply of the Schools is a matter which requires very little attention from the Public Health Department. The supervision of the schools is in the hands of the London County Council, but combined action has been taken when and where required, with a view to preventing the spread of infectious disease.

An arrangement exists whereby cases of Measles, Whooping Cough and Chicken Pox are notified by the Head Teacher to the Medical Officer of Health, at the same time as they inform the Divisional Superintendent.

These cases are followed up, and the premises are inspected with a view to any insanitary conditions being

remedied. This form of co-ordination is carried out as well as possible under the present conditions.

**Rag Flock Acts, 1911 and 1928.**—There are three factories in the Borough on which rag flock is used. The premises are kept under regular inspection.

No samples were taken during the year under review.

## HOUSING.

### Statistics.—Year 1935.

#### 1.—*Inspection of dwelling-houses during the year :—*

|  |        |
|--|--------|
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...  | 7,829  |
| (b) Number of inspections made for the purpose ... ..  | 21,770 |
| (2) (a) Number of dwelling-houses (included under Sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... ..        | 43     |
| (b) Number of inspections made for the purpose ... ..  | 85     |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..                                    | 11     |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... .. | 3,128  |

#### 2.—*Remedy of defects during the year without service of formal notices :—*

|  |     |
|--|-----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... .. | Nil |
|--|-----|

3.—*Action under Statutory Powers during the year :—*

|  |       |
|--|-------|
| (A) Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930 :—   |       |
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ..   | 1     |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices :—   |       |
| (a) By owners ... ..   | 1     |
| (b) By Local Authority in default of owners ... ..   | Nil   |
| (B) Proceedings under Public Health Acts :—  |       |
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..  | 3,128 |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—  |       |
| (a) By owners ... ..   | 3,365 |
| (b) By Local Authority in default of owners ... ..   | Nil   |
| (C) Proceedings under Sections 19 and 21 of the Housing Act, 1930 :—   |       |
| (1) Number of dwelling-houses in respect of which demolition orders were made  | 8     |
| (2) Number of dwelling-houses demolished in pursuance of demolition orders...  | 1     |
| (D) Proceedings under Section 20 of the Housing Act, 1930 :—   |       |
| (1) Number of separate tenements or underground rooms in respect of which closing orders were made ... ..  | 3     |
| (2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit ... .. | Nil   |

**Housing Act, 1935—Housing Survey.**—During the year a survey of the Borough was carried out in accordance with the provisions of the Housing Act, 1935.

This was made with a view to ascertaining what dwelling-houses were overcrowded on the standard laid down in the Act and the preparation and submission to the Minister of Health, through the London County Council, a report showing the result of the inspection and the number of new houses required in order to abate the overcrowding disclosed.

To ensure, as far as possible, that the survey for the County of London was carried out in a uniform manner, the County Council arranged a code of instructions for the staff engaged on the work and for the forms used in connection with the survey to be supplied to the Metropolitan Borough Councils.

The overcrowding standard laid down in the Act consists of two parts. Section 2 (1) (a) provides that a dwelling-house shall be deemed to be overcrowded if the accommodation is such that any two persons being 10 years old or more, of opposite sexes and not being persons living together as husband and wife must sleep in the same room. Section 2 (1) (b), in conjunction with Tables I and II in the First Schedule to the Act, fixes, in relation to the number and size of the rooms in any dwelling-house, the maximum number of persons, irrespective of sex, who may be permitted to sleep in that house at one time. The maximum permitted number in the case of each dwelling is the number ascertained by reference to Table I or Table II in the First Schedule, whichever number is the less. These tables are as follows:—

| TABLE I.   |                           | TABLE II.               |                           |
|--|---------------------------|-------------------------|---------------------------|
| No. of Rooms.  | Permitted No. of Persons. | Size of Room.           | Permitted No. of Persons. |
| 1  | 2                         | 110 sq. ft. or over ... | 2                         |
| 2  | 3                         | 90 sq. ft. or over but  |                           |
| 3  | 5                         | under 110 sq. ft. ...   | 1½                        |
| 4  | 7½                        | 70 sq. ft. or over but  |                           |
| 5  | 10                        | under 90 sq. ft. ...    | 1                         |
| and two persons extra for each additional room. No room under 50 sq. ft. is counted. |                           | 50 sq. ft. or over but  |                           |
|  |                           | under 70 sq. ft. ...    | ½                         |
|  |                           | Under 50 sq. ft. ...    | Nil                       |

For the purpose of determining the number of persons in a family, a child under 1 year of age is not counted and a child between the ages of 1 year and 10 years counts as  $\frac{1}{2}$  a person. Only rooms normally used in the locality for sleeping or living purposes are counted as rooms, so that sculleries, bathrooms, &c., are not taken into account in determining the permitted number of persons.

The survey fell into two stages, the first being a preliminary enumeration to ascertain the number of persons in each family, the number of children under 10 years of age and the number of rooms occupied. The second stage of the survey consisted of the measurement of the floor area of all the rooms in the house in which a doubtful case or doubtful cases of overcrowding had been disclosed by the preliminary enumeration.

The survey has disclosed that of the 35,286 families in respect of which particulars were obtained, 1,728 (about 4.9 per cent.) are living in overcrowded conditions.

**General Housing Conditions.**—The houses in the Borough are mainly occupied by the artisan class. They are mostly houses of three and four stories let in flats and rooms.

The water closet accommodation, whilst conforming with the standard laid down for tenement houses, cannot be considered satisfactory, as in many instances two or more families use the same water closet. These premises were originally occupied by one family.

**Supply of Houses—Overcrowding.**—Overcrowding still exists in the Borough owing to the housing shortage.

Hundreds of applications for houses remain on the waiting list of the Council despite the fact that the list has been closed for a very long time.

Applications received in the Public Health Department are investigated, particulars obtained and a report sent to the Town Clerk for submission to the appropriate Committee.

*Fitness of Houses :—*

(a) No difficulties have been experienced under the Public Health Act or under the Housing Acts.

(b) Certain houses have been scheduled for annual inspection under the Housing Consolidated Regulations.

(c) The water supply is through the Metropolitan Water Board. Very few houses have not an adequate internal water supply. (Notices are served where necessary under the London County Council (General Powers) Act, 1907, in the case of tenement houses.)

*Unhealthy Areas.*

A list of properties, recommended to be dealt with either as Clearance or Improvement Areas or by Closing Orders, has been submitted to the Borough Council.

*Bye-laws.*

No special difficulties have been experienced in the enforcement of the bye-laws relating to tenement houses, &c.

**Newly-Erected Houses.**—Progress continued to be made in the Southern Housing Scheme.

This scheme includes the demolition of a large insanitary area and the erection on the site of a number of blocks of working-class dwellings.

Fifty-two Certificates were granted during the year under Section 48 (2) of the Public Health (London) Act, 1891, with regard to newly erected houses and flats having a proper and sufficient water supply

Since the War, 3,967 houses and flats have been erected in the Borough, by the London County Council, the Hammersmith Borough Council and by private enterprise, for which Certificates have been granted (details as under).



Certificates granted with regard to water supply under Section 48 (Sub-sec. 2) of the Public Health (London) Act, 1891.

| <i>Year.</i> | <i>L.C.C. Estate.</i> | <i>H.B.C. Estate.</i> | <i>Private Enterprise.</i> |
|--------------|-----------------------|-----------------------|----------------------------|
| 1920         | 188                   | 18                    | Nil                        |
| 1921         | 169                   | 166                   | Nil                        |
| 1922         | 384                   | 354                   | Nil                        |
| 1923         | Nil                   | 5                     | 22                         |
| 1924         | Nil                   | 42                    | 40                         |
| 1925         | Nil                   | Nil                   | 50                         |
| 1926         | Nil                   | Nil                   | 202                        |
| 1927         | 284                   | Nil                   | 239                        |
| 1928         | 500                   | Nil                   | 187                        |
| 1929         | 1                     | 60                    | 297                        |
| 1930         | Nil                   | 56                    | 90                         |
| 1931         | Nil                   | 21                    | 36                         |
| 1932         | Nil                   | 39                    | 1                          |
| 1933         | Nil                   | 32                    | 20                         |
| 1934         | 112                   | Nil                   | 163                        |
| 1935         | Nil                   | Nil                   | 189                        |
|              | —                     | —                     | —                          |
| Totals       | 1,638                 | 793                   | 1,536                      |
|              | —                     | —                     | —                          |

The premises have provided accommodation for approximately 19,835 persons, but despite this fact overcrowding is still in evidence.

#### HOUSING ACT, 1925, SECTION 18.

Three closing orders were made in respect of underground rooms.

#### HOUSING ACT, 1930—SLUM CLEARANCE.

**Becklow Place Area.**—In September, 1934, I submitted an official representation with respect to the area known as Becklow Place Area.

The property involved consists of two shops with living accommodation attached and 34 houses and outbuildings, comprising an area of 1.311 acres. The houses are two storeys in height and many are old, damp, worn out and badly arranged.

The Council decided to declare the area a Clearance Area under the Act.

The number of persons of the working classes in occupation of the buildings was 155, of whom 131 were in occupation of houses in the Clearance Area, and 24 in occupation of houses on the additional lands.

On the 14th October, 1935, an inquiry was held at the Town Hall by A. Archer Betham, Esq., F.R.I.B.A., for the purpose of receiving evidence of any persons interested in the matter.

Following the report of the Inspector, the Minister of Health confirmed with modifications the compulsory purchase order made by the Council in respect of properties in the Area and the additional land required for development purposes and issued his order entitled "The Hammersmith (Becklow Place) Housing Confirmation Order, 1936." One dwelling and a small number of outbuildings used as stables, &c., are excluded from the Clearance Area but remain in the Order as added lands purchasable by the Council.

**Argyle Place Area.**—In October, 1935, I submitted an official representation with respect to the area known as Argyle Place Area.

The property involved consists of 8 houses and outbuildings, comprising an area of .092 acres. Four of the houses are two storeys in height and consist of four rooms each,

while the remainder are three-storey dwellings of only one room on each floor.

The properties are old, badly arranged, congested, dilapidated, dark, ill ventilated and lacking in reasonable sanitary facilities.

The Council decided to declare the Area a Clearance Area under the Act.

The number of persons of the working classes in occupation of the buildings was 30.

**Hanover Cottages Area.**—An official representation was submitted in October, 1935, with respect to the area known as Hanover Cottages Area.

The property involved consists of 31 dwelling-houses, one of which has been converted into two lock-up shops with a flat above, and covers an area of .466 acres. The houses forming the area, which are all of a two-storey type, are congested and have very little air space. In all the houses there is evidence of rising dampness; and with few exceptions there is dampness in the upper-floor rooms due to the defective condition of the roofs, rainwater pipes and brickwork. The Council decided to declare the area a Clearance Area under the Act, that the owners should be required to demolish the properties on the Area, and that the Council should impose suitable restrictions and conditions with regard to the user of the land when cleared of buildings.

The number of persons of the working classes in occupation of the buildings was 164.

The following areas have been represented and action pending.

Terrace Court. Nos. 1, 2, 3 and 4.

Coleman's Buildings. Nos. 1, 2, 3, 4, 5 and 6.

Mulberry Place. Nos. 8 and 9.

Brittania Court. Nos. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14.

Bergham Mews. Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19.

Bannister's Cottages. Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19.

Uxbridge Road. Nos. 416, 418, 420 and 422.

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## **INSPECTION AND SUPERVISION OF FOOD. FOOD SUPPLIES.**

The supervision of the food supplies of the community is one of the most important duties which devolve upon the Public Health Service.

The health of a nation depends more upon its food supplies than any other factor and, therefore, special care must be exercised to ensure that the purity thereof is above suspicion.

It is imperative that all persons engaged in the handling of food should pay strict attention to cleanliness, and with this object in view the arrangements made for notices to be exhibited in the lavatories of premises where food is prepared and/or sold were continued.

**Food Premises.**—Two premises were registered under the London County Council (General Powers) Act, 1932,

for the preparation or manufacture of sausages or potted, pressed, pickled or preserved meat, fish, or other food intended for sale.

**Milk Supply.**—During the year 407 samples of milk were taken and submitted to the Public Analyst for analysis, the results of which are shown in a later part of this report.

### Milk (Special Designations) Order, 1923.

The following is a list of the licences issued during the year under the Milk (Special Designations) Order, 1923:—

| <i>Description.</i>   | <i>Number.</i> |
|---|----------------|
| (1) Producers' Licences to use the designation "Grade A"...                   | Nil            |
| (2) Dealers' Licences to use the designation "Certified" ...                  | 6              |
| Supplementary Licence ... ..  | 1              |
| (3) Dealers' Licences to use the designation "Grade A (Tuberculin Tested)"—   |                |
| (a) Bottling Establishments ... ..  | 3              |
| (b) Shops ... ..  | 7              |
| (c) Supplementary Licences ... ..   | 3              |
| (4) Dealers' Licences to use the designation "Grade A"—                       |                |
| (a) Bottling Establishments ... ..  | Nil            |
| (b) Shops ... ..  | 1              |
| (5) Dealers' Licences to use the designation "Grade A—<br>Pasteurised" ... .. | 1              |
| Supplementary Licence .. ..   | 1              |
| (6) Dealers' Licences to use the designation "Pasteurised"—                   |                |
| (a) Pasteurising Establishments ... ..  | 6              |
| (b) Shops ... ..  | 12             |
| (c) Supplementary Licences ... ..   | 5              |

## Certification of Certain Food Products for Export to the Dominions.

No application was received for the certification of food products for export to the Dominions.

**Meat.**—With regard to meat inspection, this important commodity is kept under supervision by the Inspectors in charge of the districts.

Most of the shops are now provided with glass fronts.

### Public Health (Meat) Regulations, 1924.

The Public Health (Meat) Regulations, 1924, came into operation on the 1st day of April, 1925.

The provision of these Regulations, regarding the giving of notice to the local authority of the times of slaughter, has enabled arrangements to be made for the inspection of all carcasses of animals slaughtered in the local slaughterhouses.

I append the number of animals slaughtered and examined in the slaughterhouses during the year.

|        |     |     |     |     |     |
|--------|-----|-----|-----|-----|-----|
| Lambs  | ... | ... | ... | ... | 61  |
| Sheep  | ... | ... | ... | ... | 57  |
| Calves | ... | ... | ... | ... | —   |
| Beasts | ... | ... | ... | ... | 11  |
| Pigs   | ... | ... | ... | ... | 248 |
| Total  |     |     |     |     | 377 |

No application has been received for the stamping of carcasses examined by the Sanitary Inspectors.

The following is a list of Unsound Food found during the Inspection of the Carcasses of Animals Slaughtered in the Local Slaughterhouses.

| Description.                                    | Disease.                | Approximate Weight. |
|---|-------------------------|---------------------|
| INSPECTOR GODDEN                                |                         |                     |
| 1 Pig's carcass and complete set of Pig's offal | Tuberculosis ... ..     | 6 stones            |
| 8 Pigs' mesenteries ... ..                      | Tuberculosis ... ..     | 9 lbs.              |
| 1 Pig's lungs ... ..                            | Pleurisy ... ..         | 2 "                 |
| 3 Pigs' lungs ... ..                            | Pneumonia... ..         | 6 "                 |
| 1 Pig's liver ... ..                            | Cirrhosis ... ..        | 2 "                 |
| 2 Pigs' livers ... ..                           | Milk Spots ... ..       | 4 "                 |
| 3 Pigs' heads ... ..                            | Tuberculosis ... ..     | 18 "                |
| 1 Pig's pluck ... ..                            | Tuberculosis ... ..     | 4½ "                |
| 4 Pigs' hearts ... ..                           | Pericarditis ... ..     | 1 lb.               |
| 1 bullock's liver ... ..                        | Distoma Hepaticum... .. | 20 lbs.             |

**Slaughterhouses.**—There are four slaughterhouses in the Borough.

Applications were received from four licensees for the renewal of their licences.

The following is a list of the licensed slaughterhouses in the Borough:—

| Premises.                | Name of Licensee         |
|--------------------------|--------------------------|
| 185 Uxbridge Road ... .. | John Mullet Allwright    |
| 40 Goldhawk Road ... ..  | Andrew George Hedges     |
| 65 King Street ... ..    | Richard Norman Hammett   |
| 341 King Street ... ..   | Stanley Brooks Midwinter |

**Offensive Trades—Slaughterers of Poultry.**—There are two authorised slaughterers of poultry in the Borough:—

| Premises.                               | Name of Occupier. |
|---|-------------------|
| 109, Shepherd's Bush Road ... ..        | Solomon Shockett  |
| Arch No. 204, Wells Road, Goldhawk Road | Hyman Fisher      |

The Dairies, Milkshops, Ice Cream Vendors, Restaurants and Food Shops have been kept under systematic inspection by your Inspectors.

The following table gives a summary of the work relating to milk premises, slaughterhouses and ice cream premises:—

| PREMISES.                | NUMBER OF PREMISES.  |                            |               |                 |                            | Number of inspections 1935 | Number of notices 1935 | Number of prosecutions 1935 |
|--------------------------|----------------------|----------------------------|---------------|-----------------|----------------------------|----------------------------|------------------------|-----------------------------|
|                          | On register in 1920. | On register at end of 1934 | Added in 1935 | Removed in 1935 | On register at end of 1935 |                            |                        |                             |
| Milk premises            | 128                  | 167                        | 14            | 10              | 163                        | 1,040                      | 5                      | —                           |
| Slaughterhouses.         | 7                    | 4                          | —             | —               | 4                          | 155                        | —                      | —                           |
| Poultry Slaughterhouses. | —                    | 2                          | —             | —               | 2                          | 12                         | —                      | —                           |
| Ice Cream premises       | 162                  | 155                        | 33            | 5               | 183                        | 204                        | —                      | —                           |

**Markets.**—There are three markets in the Borough, situate in Bradmore Lane, Approach Road and Norland Road. These markets have been the subject of much inspection during the year, both by the District Inspector concerned and the Inspector carrying out the requirements of the Food and Drugs Acts.

Many of the stalls in the Railway Approach Market are constructed so as to form lock-ups when business for the day is finished and thereby provide a means of storage for all unsold food.



In other instances, Bradmore and Norland Markets, wheelbarrows form the structure, and these are stored in premises which are inspected and approved.

**Street Trading.**—The London County Council (General Powers) Act, 1927, made provision for the Licensing of Street Traders which came into operation on the 1st November, 1927.

This Act provided that "it shall not be lawful for any person to sell or expose or offer for sale any article or thing from or upon any barrow cart stall or other receptacle occupying a stationary position at a place in the carriageway or footway of any street in any metropolitan borough without a licence from the borough council authorising him so to do." Provided that this section shall not apply to any person selling or exposing or offering for sale any article or thing from or upon any barrow cart stall or other receptacle which he ordinarily moves from place to place in pursuit of and while conducting his trade.

During the year 114 licences were issued to street traders.

All premises used for the storage of food, clothing, &c., are inspected and reported upon by the Sanitary Inspectors.

Notices are served where the conditions are not satisfactory, and the licences are withheld until the necessary works have been carried out.

Reports on storage premises in adjoining boroughs have been obtained through the Medical Officers of Health, whilst reports on similar premises in this Borough have been furnished to the Medical Officers of Health concerned.

**Fried-fish Shops.**—The fried-fish shops are constantly inspected for the purpose of ensuring conformity with the Bye-laws made by the London County Council. At the same time a careful look-out is kept on the condition of the fish.

**Bakehouses.**—The 40 bakehouses in use in the Borough have been regularly inspected during the year. Thirteen notices were served relating to various defects.

The following is a list of bakehouses in the Borough—

| Address.                          | Name.                |
|-----------------------------------|----------------------|
| <b>No. 1 DISTRICT.</b>            |                      |
| † Cadby Hall, Hammersmith Road... | J. Lyons & Co.       |
| †* 60 Richmond Road ... ..        | C. W. Tompkins       |
| * 1 Masbro Road ... ..            | W. A. Maclen         |
| †* 67 Ditto ... ..                | G. Dunsby            |
| †* 98 Blythe Road ... ..          | Miss Schofield       |
| <b>No. 2 DISTRICT.</b>            |                      |
| * 82 Great Church Lane ... ..     | E. Galer             |
| † Great Church Lane ... ..        | Fullers, Ltd         |
| †* 134 Shepherd's Bush Road ...   | F. Oliver            |
| †* 84 Ditto ... ..                | F. R. Ries           |
| * 75 Blythe Road ... ..           | F. Oliver            |
| * 31 Goldhawk Road ... ..         | F. Oliver            |
| † 213 Hammersmith Road ... ..     | F. Hayes             |
| <b>No. 3 DISTRICT.</b>            |                      |
| †* 33 Glenthorne Road ... ..      | Plumridge Bros.      |
| †* 1 Aldensley Road ... ..        | H. A. Roberts, Ltd.  |
| †* 85 The Grove ... ..            | F. Becker            |
| 24 Bradmore Park Road .. ..       | T. Miller            |
| † 28 King Street (rear of) ... .. | L. E. Jolly          |
| † Blacks Road ... ..              | Palmers Stores Ltd.  |
| <b>No. 4 DISTRICT.</b>            |                      |
| 93 Black Lion Lane .. ..          | G. Banham            |
| † 102 Dalling Road ... ..         | Plumridge Bros.      |
| † 1 Eyot Gardens ... ..           | J. R. Chibnail, Ltd. |
| † 258 King Street ... ..          | Miller & Son         |
| † 316 Ditto ... ..                | F. Watkins           |
| 7 St. Peters Road ... ..          | E. Gent              |

\* Underground.

† Factory.

| Address.                 | Name.          |
|--------------------------|----------------|
| <b>No. 5 DISTRICT.</b>   |                |
| †* 128 Askew Road ... .. | G. Ingle       |
| † 74 Ditto .. ..         | J. Auer        |
| †* 167 Ditto ... ..      | F. J. Lockwood |
| † 104 Ditto ... ..       | D. Miller      |

|                             |                     |
|-----------------------------|---------------------|
| <b>No. 6 DISTRICT.</b>      |                     |
| †* 74 Goldhawk Road ... ..  | H. Crisp            |
| †* 242 Ditto ... ..         | Plumridge           |
| †* 125 Uxbridge Road... ..  | A. B. Hemmings Ltd. |
| * 55 Melina Road ... ..     | E. J. West          |
| †* 75, Uxbridge Road ... .. | F. R. Clifford      |

|                             |               |
|-----------------------------|---------------|
| <b>No. 7 DISTRICT.</b>      |               |
| †* 216 Uxbridge Road ... .. | L. W. Jenkins |
| † 410 Ditto ... ..          | A. Hauser     |

|                                  |                       |
|----------------------------------|-----------------------|
| <b>No. 8 DISTRICT.</b>           |                       |
| †* 831 Harrow Road ... ..        | H. T. Rogers          |
| †* 39 St. Ann's Road ... ..      | E. Tomlin             |
| †* 16 North Pole Road ... ..     | G. Glanville          |
| †* 32 Norland Road ... ..        | N. Stone              |
| † Sunya House, Scrubs Lane... .. | Bee Bee Biscuits Ltd. |

The following is a list of registered bakehouses in the Borough not now in use:---

|                            |                      |
|----------------------------|----------------------|
| * 7 Shepherd's Bush Road   | 70 Glenthorne Road   |
| * 13 Shepherd's Bush Green | 16 Black Lion Lane   |
| * 87 Masbro Road           | * 192 Dalling Road   |
| * 6 Beaconsfield Terrace   | † 348 King Street    |
| * 47 Milson Road           | 16 Upper Mall        |
| † 65 Bridge Road           | 121 Askew Road       |
| 2 Crisp Road               | 41 Gayford Road      |
| * 94 Shepherd's Bush Road  | †* 126 Uxbridge Road |
| 88 Queen Street            | †* 132 Uxbridge Road |
| * 77 Brackenbury Road      | * 2 Hunt Street      |
| † 1 The Grove              | 104 Latimer Road     |
| * 17 Kilmarsh Road         | † Ceylon Road        |
| †* 11 Lamington Street     | †* 106 Goldhawk Road |
|                            | † 166 Goldhawk Road  |

\* Underground

† Factory

LONDON COUNTY COUNCIL (GENERAL  
POWERS) ACT, 1928.

**Ice Cream Vendors.**—Section 29 requires all premises used for sale, storage or manufacture of ice cream, to be registered with the Sanitary Authority, and imposes penalties for use of any premises without being so registered.

Premises which are required to be registered under Factory and Workshop Acts and premises used as a hotel, restaurant or club are exempt.

Proceedings must be taken under the London County Council (General Powers) Act, 1902, for breach of special regulations.

ICE CREAM VENDORS.

|  |        |       |
|--|--------|-------|
| Registered under L.C.C. (G.P.) Act, 1928 | ...    | 183   |
| Restaurants                              | ... .. | 22    |
| Factories                                | ... .. | 5     |
|  |        | <hr/> |
|  |        | 210   |
|  |        | <hr/> |

## UN SOUND FOOD.

No seizure of unsound food was made during the year.

The following is a list of unsound food condemned during the year :—

| Commodity   | Condition.                 | Result.     |
|---|----------------------------|-------------|
| 1 box Filleted Cod (1 stone) ...                  | Unsound and Unfit for food | Surrendered |
| 7½ doz. tins Cherries ...                         | ditto                      | ditto       |
| 4½ bushels Apples ...                             | ditto                      | ditto       |
| 2 boxes Pears + 55 Pears ...                      | ditto                      | ditto       |
| 1 Imported Chicken (2½ lbs.) ...                  | ditto                      | ditto       |
| 5 boxes Pears (2 cwts.) ...                       | ditto                      | ditto       |
| 11 boxes Pears (3 cwts.) ...                      | ditto                      | ditto       |
| 1 wing Skate (14 lbs.) ...                        | ditto                      | ditto       |
| 1 Chicken ...                                     | ditto                      | ditto       |
| 4 Chickens ...                                    | ditto                      | ditto       |
| 5 tins Cherries ...                               | ditto                      | ditto       |
| 2 tins Grape Fruit ...                            | ditto                      | ditto       |
| 1 tin Pears ...                                   | ditto                      | ditto       |
| 1 tin Apricots ...                                | ditto                      | ditto       |
| 1 tin Grape Fruit ...                             | ditto                      | ditto       |
| 1 Chicken (3 lbs. 12 ozs.) ..                     | ditto                      | ditto       |
| 4 tins Cherries ...                               | ditto                      | ditto       |
| 2 tins Apricots ...                               | ditto                      | ditto       |
| 1 Chicken ...                                     | ditto                      | ditto       |
| 1 Guinea Fowl ...                                 | ditto                      | ditto       |
| 3 Chickens ...                                    | ditto                      | ditto       |
| 2 Ducks ...                                       | ditto                      | ditto       |
| 5 Chickens ...                                    | ditto                      | ditto       |
| 2 Chickens ...                                    | ditto                      | ditto       |
| 1 tin Ham (12½ lbs.) ...                          | ditto                      | ditto       |
| 2½ bags Dutch New Potatoes ...                    | ditto                      | ditto       |
| 1 thick flank Chilled Beef...<br>(1 stone 4 lbs.) | ditto                      | ditto       |
| 2 Chickens (7½ lbs.) ...                          | ditto                      | ditto       |
| 3 Fowls (11½ lbs.) ...                            | ditto                      | ditto       |
| 1 Duck (4½ lbs.) ...                              | ditto                      | ditto       |
| 1 Chicken (3 lbs.) ...                            | ditto                      | ditto       |
| 1 Fowl ...  | ditto                      | ditto       |
| 1 box Haddock ...                                 | ditto                      | ditto       |
| 2 stones Lemon Soles (28 lbs.) ..                 | ditto                      | ditto       |
| 16 bags Walnuts ...                               | ditto                      | ditto       |
| 6 ¼-bushel baskets Plums ...                      | ditto                      | ditto       |
| 1 tin Ham (11 lbs.) ...                           | ditto                      | ditto       |
| 12 Rabbits ...                                    | ditto                      | ditto       |
| 15 lbs. Meat trimmings and small<br>pieces ...    | ditto                      | ditto       |

## CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

The chemical examination of food is carried out by the Public Analyst at the Laboratories, Royal Dental Hospital, Leicester Square.

Eight hundred samples taken under the Sale of Food and Drugs Acts were examined during the year.

Over 50 per cent. of the articles analysed were milk samples.

The bacteriological examination of food is carried out by the Pathologist of the University College Hospital Medical School and the West London Hospital.

In the case of food poisoning specimens are sent to the Ministry of Health.

ANNUAL REPORT 1935,  
BACTERIOLOGICAL EXAMINATION OF MILK.

| Sample No. | Milk.                 | Total count. | B. Coli.    | Microscopic examination.  |
|------------|-----------------------|--------------|-------------|---|
| 101        | Pasteurised ... ..    | 150,800      | Neg. 1/10   | —   |
| 102        | do. ... ..            | 930,600      | Pos. 1/10   | —   |
| 103        | do. ... ..            | 71,860       | Pos. 1/10   | —   |
| 104        | do. ... ..            | 30,950       | Neg. 1/10   | —   |
| * } 105    | Raw milk ... ..       | 1,132,000    | Pos. 1/1000 | Few acid fast bacteria present                                  |
| * } 106    | Pasteurised ... ..    | 33,000       | Pos. 1/10   | No acid fast bacteria seen                                      |
| 107        | do. (bottled) ... ..  | 274,000      | Pos. 1/100  | do.   |
| 108        | Raw milk ... ..       | 4,390,000    | Pos. 1/1000 | —   |
| * } 109    | Pasteurised ... ..    | 36,300       | Pos. 1/1000 | —   |
| 110        | do. (bottled) ... ..  | 221,400      | Pos. 1/1000 | —   |
| 111        | Grade "A" T.T. ... .. | 5,110        | Neg. 1/100  | —   |
| 112        | Grade "A" Pasteurised | 140          | Neg. 1/10   | —   |
| 113        | Pasteurised ... ..    | 5,840        | Neg. 1/10   | —   |
| 114        | Grade "A" T.T. ... .. | 6,670        | Neg. 1/100  | —   |
| †115       | Undesignated ... ..   | 42,700       | Neg. 1/10   | Guinea pig inoculation showed no evidence of tubercular lesions |
| 116        | Pasteurised ... ..    | 258,000      | Neg. 1/10   | do.   |
| 117        | do. ... ..            | 57,200       | Pos. 1/10   | do.   |
| 118        | do. ... ..            | 20,500       | Pos. 1/10   | do.   |
| 119        | do. ... ..            | 510,300      | Pos. 1/10   | do.   |
| 120        | do. ... ..            | 93,260       | Pos. 1/10   | do.   |
| * } 121    | Grade "A" T.T. ... .. | 2,810        | Neg. 1/100  | —   |
| * } 122    | do. (bottled) ... ..  | 1,740        | Neg. 1/100  | —   |
| 123        | Pasteurised ... ..    | 49,400       | Pos. 1/10   | —   |
| 124        | do. ... ..            | 41,400       | Pos. 1/10   | —   |

\* Same milk. † These samples, although not sold as "pasteurised," were said to have been treated in accordance with the requirements of the Milk (Special Designations) Order, 1923, for pasteurised milk.

## PRESENCE OF TUBERCLE BACILLI.

Guinea-pigs were inoculated with milk from samples 115, 116, 117, 118, 119 and 120, but in each case failed to show any evidence of a tuberculous infection on post-mortem examination.

**Extract from Report of Public Analyst.**

## FOOD AND DRUGS (ADULTERATION) ACT, 1928.

YEAR ENDED 31ST DECEMBER, 1935.

Eight hundred samples of food and drugs were submitted for analysis by the Council's Sampling Officers, and of these 724 were genuine, 39 inferior and 37 adulterated. The percentage of inferior samples is therefore 4.9 and of adulterated samples 4.6. The last figure does not differ greatly from that of 5.3 per cent. given in the last available Report of the Ministry of Health (1934-1935). This figure for the whole country shows a *reduction* of 0.2 per cent. as compared with the preceding year, whereas in our Borough there has been an *increase* of 0.7 per cent.

An examination of Tables I and II, however, will reveal the fact that for 1935 the combined percentages of inferior and adulterated samples is 9.5; that is to say, nearly one sample in ten is either adulterated or suspect. Furthermore, reference to Table II shows that the position now in regard to adulteration is worse than in any of the preceding ten years. For the last three years the increase has been progressive. An increase in any one year would give cause for comment, but the fact that the position has gone from bad to worse during the last few years and that the use of false or deceptive labels on foodstuffs is greatly on the increase is disquieting. Many examples of false labels will be found later in this Report.



In Table I are given the total numbers of samples received under the Food and Drugs (Adulteration) Act, as recorded in my quarterly Statutory Reports to the Ministry of Health, with the numbers of those classified as genuine, inferior and adulterated.

TABLE I.

| Period.            | Genuine. | Inferior. | Adulterated. | Total. |
|--------------------|----------|-----------|--------------|--------|
| 1st quarter ... .. | 165      | 21        | 14           | 200    |
| 2nd " ... ..       | 170      | 16        | 14           | 200    |
| 3rd " ... ..       | 197      | 2         | 1            | 200    |
| 4th " ... ..       | 192      | —         | 8            | 200    |
| Whole year ...     | 724      | 39        | 37           | 800    |

In Table II the percentages of genuine, inferior and adulterated samples are compared for the last ten years. It will be seen from this that the year under review is appreciably worse than any within the period.

TABLE II.

| Year.                     | Genuine. | Inferior. | Adulterated. |
|---------------------------|----------|-----------|--------------|
| 1926                      | 91·6     | 5·7       | 2·7          |
| 1927                      | 89·7     | 7·2       | 3·1          |
| 1928                      | 89·2     | 6·5       | 4·3          |
| 1929                      | 93·5     | 5·4       | 1·1          |
| 1930                      | 93·6     | 5·3       | 1·1          |
| 1931                      | 95·6     | 3·1       | 1·3          |
| 1932                      | 90·5     | 6·5       | 3·0          |
| 1933                      | 92·6     | 5·1       | 2·3          |
| 1934                      | 89·9     | 6·2       | 3·9          |
| 1935                      | 90·5     | 4·9       | 4·6          |
| Average for ten years ... | 91·7     | 5·4       | 2·9          |

The number and nature of the various articles analysed during the year are set out in full in Table III below.

TABLE III.

| Article.                       | No. of Samples examined. | Result of Examination. |           |              |
|--------------------------------|--------------------------|------------------------|-----------|--------------|
|                                |                          | Genuine.               | Inferior. | Adulterated. |
| "Active Mineral Salts" ... ..  | 1                        | 1                      | —         | —            |
| Almonds, ground ... ..         | 2                        | 2                      | —         | —            |
| Ammoniated Tincture of Quinine | 2                        | 2                      | —         | —            |
| Aspirin Tablets ... ..         | 4                        | 4                      | —         | —            |
| Barley .. ..                   | 1                        | 1                      | —         | —            |
| Beef Suet ... ..               | 2                        | 2                      | —         | —            |
| Boric Ointment ... ..          | 3                        | 3                      | —         | —            |
| Brawn ... ..                   | 2                        | 2                      | —         | —            |
| Butter ... ..                  | 37                       | 37                     | —         | —            |
| Camphorated Oil .. ..          | 5                        | 4                      | —         | 1            |
| Castor Oil ... ..              | 3                        | 3                      | —         | —            |
| Caviare ... ..                 | 2                        | 2                      | —         | —            |
| Cheese ... ..                  | 8                        | 8                      | —         | —            |
| Citrate of Magnesia ... ..     | 2                        | 2                      | —         | —            |
| Cocoa ... ..                   | 11                       | 11                     | —         | —            |
| Coffee ... ..                  | 2                        | 2                      | —         | —            |
| Coffee and Chicory ... ..      | 5                        | 4                      | —         | 1            |
| Coffee and Chicory Extract ... | 3                        | 3                      | —         | —            |
| Cordials ... ..                | 3                        | 3                      | —         | —            |
| Cream ... ..                   | 4                        | 3                      | 1         | —            |
| Cream (tinned) ... ..          | 12                       | 7                      | 2         | 3            |
| " Confectionery ... ..         | 3                        | 2                      | —         | 1            |
| Custard ... ..                 | 1                        | 1                      | —         | —            |
| Custard ("real egg") ... ..    | 1                        | 1                      | —         | —            |
| Epsom Salt ... ..              | 1                        | 1                      | —         | —            |
| Eucalyptus Oil ... ..          | 2                        | 2                      | —         | —            |
| Fish Paste ... ..              | 14                       | 14                     | —         | —            |
| " (tinned or bottled) ... ..   | 14                       | 12                     | 2         | —            |
| Friar's balsam ... ..          | 3                        | 3                      | —         | —            |
| Fruit (dried) ... ..           | 13                       | 13                     | —         | —            |
| " (tinned) ... ..              | 10                       | 10                     | —         | —            |
| Ginger Wine Essence ... ..     | 1                        | 1                      | —         | —            |
| Glauber's Salt ... ..          | 2                        | 2                      | —         | —            |
| Glycerin ... ..                | 3                        | 3                      | —         | —            |
| " of Thymol ... ..             | 2                        | 2                      | —         | —            |
| Grape Juice ... ..             | 1                        | 1                      | —         | —            |
| Green Pea Soup .. ..           | 1                        | 1                      | —         | —            |
| Ham and Beef Rissoles ... ..   | 1                        | 1                      | —         | —            |
| Honey ... ..                   | 3                        | 3                      | —         | —            |
| Iodine Cream ... ..            | 1                        | —                      | —         | 1            |
| " Tincture ... ..              | 2                        | 2                      | —         | —            |
| Jam ... ..                     | 6                        | 6                      | —         | —            |
| Jelly Cream ... ..             | 1                        | 1                      | —         | —            |
| " (Table) ... ..               | 2                        | 2                      | —         | —            |
| Lard ... ..                    | 7                        | 7                      | —         | —            |
| Lemonade Powder ... ..         | 2                        | 2                      | —         | —            |
| Lemon Curd ... ..              | 2                        | 2                      | —         | —            |

TABLE III—*continued.*

| Article.                   | No. of<br>Samples<br>exam-<br>ined. | Result of Examination. |           |                   |
|----------------------------|-------------------------------------|------------------------|-----------|-------------------|
|                            |                                     | Genuine.               | Inferior. | Adulter-<br>ated. |
| Liquid Paraffin ... ..     | 2                                   | 2                      | —         | —                 |
| Margarine ... ..           | 8                                   | 8                      | —         | —                 |
| Marmalade ... ..           | 5                                   | 5                      | —         | —                 |
| Meat Paste .. ...          | 2                                   | 2                      | —         | —                 |
| „ Pie ... ..               | 6                                   | 6                      | —         | —                 |
| Milk ... ..                | 407                                 | 364                    | 33        | 10                |
| „ Condensed ... ..         | 27                                  | 26                     | —         | 1                 |
| Mince-meat ... ..          | 4                                   | 4                      | —         | —                 |
| Mustard ... ..             | 2                                   | 1                      | 1         | —                 |
| Olive Oil ... ..           | 10                                  | 10                     | —         | —                 |
| Orangeade Powder ... ..    | 1                                   | 1                      | —         | —                 |
| Parrish's Food ... ..      | 4                                   | 4                      | —         | —                 |
| Pepper ... ..              | 4                                   | 4                      | —         | —                 |
| Rice ... ..                | 5                                   | 4                      | —         | 1                 |
| Sauce ... ..               | 5                                   | 4                      | —         | 1                 |
| Sausages ... ..            | 18                                  | 16                     | —         | 2                 |
| Seidlitz Powder ... ..     | 4                                   | 4                      | —         | —                 |
| Semolina ... ..            | 2                                   | 2                      | —         | —                 |
| Sherry Trifle... ..        | 1                                   | 1                      | —         | —                 |
| Spice (ground) .. ...      | 2                                   | 2                      | —         | —                 |
| Sugar (icing) ... ..       | 3                                   | 1                      | —         | 2                 |
| „ (pudding) ... ..         | 3                                   | 3                      | —         | —                 |
| Sultana pudding ... ..     | 1                                   | 1                      | —         | —                 |
| Sweets ... ..              | 2                                   | 2                      | —         | —                 |
| Syrup of Figs ... ..       | 4                                   | 3                      | —         | 1                 |
| Tea ... ..                 | 6                                   | 6                      | —         | —                 |
| Tomato Juice .. ...        | 1                                   | 1                      | —         | —                 |
| „ Paste ... ..             | 1                                   | 1                      | —         | —                 |
| „ Soup ... ..              | 6                                   | 4                      | —         | 2                 |
| „ (tinned) ... ..          | 4                                   | 4                      | —         | —                 |
| Vegetables (tinned) ... .. | 9                                   | 9                      | —         | —                 |
| Vinegar ... ..             | 8                                   | —                      | —         | 8                 |
| „ (malt) ... ..            | 4                                   | 4                      | —         | —                 |
| Whisky ... ..              | 11                                  | 9                      | —         | 2                 |
| Wine (raisin) ... ..       | 1                                   | 1                      | —         | —                 |
| Zinc Ointment ... ..       | 4                                   | 4                      | —         | —                 |
| Totals ... ..              | 800                                 | 724                    | 39        | 37                |

## MILK.

In the first quarter of the year nine adulterated milks were reported; all of these were from a single source. In the second quarter only one was reported against and in the remaining half-year none at all. If, therefore, we leave out of account the actual number of milks adulterated, we

may say that only two sources produced a defective supply, which is very satisfactory.

The nine adulterated milks mentioned all came from one farmer. They constituted part of a batch of 19 taken in course of delivery. The farmer was able to prove to the satisfaction of the Court that he had not, nor had any of his servants, tampered with the milk; the summonses were accordingly dismissed.

Table IV, below, gives the average composition of milk for each month and for the whole year.

TABLE IV.

| Month.         | No. of Samples. | Fat average (per cent.). | Non-fatty solids Average (per cent.) |
|----------------|-----------------|--------------------------|--------------------------------------|
| January ...    | 26              | 3.8                      | 8.77                                 |
| February ...   | 42              | 3.37                     | 8.78                                 |
| March ...      | 25              | 3.5                      | 8.8                                  |
| April ...      | 35              | 3.46                     | 8.79                                 |
| May ...        | 34              | 3.63                     | 8.9                                  |
| June ..        | 19              | 3.6                      | 8.95                                 |
| July ...       | 35              | 3.59                     | 8.78                                 |
| August..       | 40              | 3.66                     | 8.87                                 |
| September ...  | 30              | 3.91                     | 8.83                                 |
| October ...    | 41              | 3.75                     | 8.9                                  |
| November ...   | 28              | 3.93                     | 8.9                                  |
| December ...   | 52              | 3.99                     | 8.86                                 |
| Whole year ... | 407             | 3.68                     | 8.84                                 |

These figures represent good quality milk for the months September, November and December and fair quality for the rest of the year.

The following Table shows the number of milks classified as being of good, fair or poor quality in each quarter of the year, omitting, of course, the adulterated samples.

TABLE V.

| Period.         | Good quality. | Fair quality. | Poor quality. |
|-----------------|---------------|---------------|---------------|
| 1st quarter ... | 12            | 80            | 21            |
| 2nd " ...       | 14            | 71            | 12            |
| 3rd " ...       | 43            | 77            | —             |
| 4th " ...       | 21            | 46            | —             |
| Whole year ...  | 90            | 274           | 33            |

## CONDENSED MILK.

Since the coming into force of the Condensed Milk Regulations of 1923 and 1927 no adulterated samples of this article have been discovered in our Borough until this year. One of the 27 examined had a fat content of only 8.87 per cent. in place of the 9.0 per cent. required by the Regulations. The deficiency was, however, not considered large enough to warrant a prosecution of the vendor.

## CREAM AND CREAM CONFECTIONERY.

One of three specimens of cream confectionery was certified to be adulterated as the filling did not consist of cream. Owing to conflicting decisions given by magistrates recently in this type of offence against the Act, this Borough, in common with others, has not felt justified in taking proceedings. This seems to be a case where the permanent Board under the Ministry of Health suggested by the Society of Public Analysts to consider standards and definitions would decidedly be of use. In such cases the lack of standards operates to the disadvantage of the consumer who used to buy this type of article under the name of French or Vienna pastry and may be forgiven for imagining that the change of name to cream pastry really means that there is cream present in the filling.

A sample of cream, one of "coffee" cream and one of "half-price" cream were genuine. In the "coffee" cream there was 30.9 per cent. of fat and in the "half-price" cream 29.9 per cent. The use of such names as these by the trade raises an interesting question as to what is to be done with cream poor in fat sold with no qualifying label or notice and at the price of ordinary cream. If one firm sells cream at a low price, is another to be permitted to sell a similar article at full price?

A "double" cream was reported inferior on account of its fat content being as low as 47.7 per cent. In the Report of the Reorganisation Commission for Milk the following standards were suggested:—

|                 |        |                          |
|-----------------|--------|--------------------------|
| Breakfast Cream | ...    | 12 per cent. butter fat. |
| Single Cream    | ... .. | 25 ,, ,, ,,              |
| Double Cream    | ... .. | 50 ,, ,, ,,              |

This sample did not satisfy even the very low standard here suggested. Some *milks*, admittedly freak ones, taken in Hammersmith, have been found to be richer in fat than "breakfast" cream. Reorganisation might very well be attempted upon a higher plane than this; the requirement for fat in each grade should be about 20 per cent. higher. "Single" cream, by which the ordinary purchaser would doubtless understand cream as ordinarily sold by average-class dairies, would then have to contain, say, 45 per cent. of fat, a quite ordinary figure which is frequently exceeded. The Commission's "double" cream is nothing more than ordinary cream under a high-sounding title. Good Devonshire clotted cream with upwards of 60 per cent. of fat would presumably present the Commission with a problem in nomenclature.

The tinned creams examined this year have been a trouble to report upon. In the majority of cases very careful consideration has had to be given to the labels on the tins.

One labelled "Pure Thick English Cream" contained 32.6 per cent. of fat and might well be taken as an example for others with somewhat similar labels to follow, especially in view of the declaration of tanners that it is impossible to put up cream with over 25 to 27 per cent. of fat owing to separation upon sterilisation. This sample was reported genuine, as also were six others whose labels bore no very extravagant claims to richness, though in regard to some it was found necessary to comment upon the somewhat deceptive character of the labels.

Two samples of the same brand, one formal and the other informal, were reported adulterated as the fat found was only 20 per cent. and 18.5 per cent. respectively. Both were labelled "Pure Thick Cream—superior quality—a highly concentrated and rich cream." A rich cream, even without being highly concentrated, should contain at least 50 per cent. of fat.

Another tinned cream was reported adulterated as the label declared the presence of 25 per cent. of fat, whereas only 24 per cent. was found.

Two were reported inferior; in one, labelled "West Country Brand—Pure Thick British Cream," the fat was only 21.6 per cent., whilst in the other, labelled "Pure Thick Danish Cream," only 20.5 per cent. of fat was present.

The Milk and Cream Regulations, 1912, prohibited the use of boron preservative in cream containing less than 35 per cent. of fat. In the Artificial Cream Act, 1929, cream is defined as "that portion of natural milk rich in milk fat which has been separated by skimming or otherwise." Beyond this standard and definition we have nothing to guide us in assessing the quality of cream. Very great care has to be taken in the interpretation of descriptive labels on tinned cream. The use of the word "thick" would probably be defended by manufacturers on the ground that the meaning was merely that the cream had been rendered

thick in consistency by the process of sterilisation it had undergone. On the other hand, the use of such descriptive words as "rich," "concentrated" and the like where the cream contains only 20 per cent. or thereabouts of fat constitutes false description and warrants a prosecution.

#### BUTTER, MARGARINE, LARD AND SUET.

Thirty-seven samples of butter, eight of margarine, seven of lard and two of beef suet were genuine. The last-named contained no excess of starch, and no excess of water occurred in any of the others.

#### CHEESE.

A variety of cheeses were analysed during the year and of those wrapped in tin foil it is satisfactory to record that no metallic contamination was found. In five cases an estimation of the fat content was called for; these were Stilton, Cheshire, or Cheddar cheeses, and the results showed no deficiency in this constituent.

In the Report for 1934 it was pointed out that standards have been laid down for fat in Cheshire cheese. During 1935 other standards were produced for Stilton, Cheddar, Caerphilly and cream cheeses. These standards all have to do with National Mark produce. In the 1934 Report it was mentioned that a Departmental Committee had pronounced in favour of standards. None have so far been prescribed by the Ministry of Health upon the strength of the Departmental Committee's Report. It seems a pity that standards have not been adopted for the protection of the consumer and for the guidance of Local Authorities and their Officers, as well as judges and magistrates. The want of standards has been felt for a long time in respect of cream, vinegar and not a few other foods, and many prosecutions for rather gross adulteration have failed for the want. Even manufacturers seem to be pressing in the matter; it has been reported in the Press that negotiations are taking place between the Ice Cream Association and the Milk Marketing Board to secure a legal definition and standard for ice cream.



## MEAT AND FISH PREPARATIONS.

Only two of the total of 59 meat and fish preparations were reported adulterated; these were two sausages in which 96 and 230 parts respectively of sulphur dioxide per million were found, no notice of the presence of preservative having been given at the time of purchase.

Two samples of fish were classed as inferior on account of the presence of metals. In one of them (tinned sardines) there was five parts of lead per million and in the other (tinned sild) there was four-fifths of a grain of tin per pound. In a specimen of tinned fish roes just over half a grain of tin was discovered, but this amount was not deemed to be sufficient to warrant calling it inferior.

## VEGETABLES, FRUIT, CONSERVES, &amp;c.

All the samples falling under this heading were genuine. Those sold in tins were commendably free from metallic contamination, only one canned tomatoes being found to contain tin; here the amount was one grain per pound.

A sample sold as tomato paste was a proprietary brand of nut food flavoured with tomato. One jam consisted of a mixture not commonly met with—melon and pineapple—and was sold canned.

## VEGETABLE SOUPS.

Of six specimens of tomato soup two were certified to be adulterated. These contained copper to the extent of 50 and 14 parts per million respectively. A label on one of the packets indicated, under a guarantee of £1,000, that the tablet of soup contained over one pound of tomatoes and no colouring matter or preservative. The makers are probably not aware that copper is listed as one of the prohibited metallic colouring matters. An attempt to determine the amount of material derived from tomato was made; on the portion left after determining the copper present only sufficient work could be done to indicate that the statement on the label was probably not incorrect.

A sample of green pea soup was genuine. It bore a label stating that "This soup contains valuable protein food," which probably has helped its sale among the unsophisticated, who might think that something much more valuable than ordinary cheap green pea flour was present. The statement is not false, but is merely of the catch-penny type.

The occurrence of copper in tomato products seems to be more frequent than formerly. It may be due to the practice of spraying the growing tomato plant with copper fungicides, or more likely, perhaps, to preparation in copper vessels. However the metal gets in, its presence is contrary to the provisions of the Public Health (Preservatives, &c., in Food) Regulations. Ingenious defences of this contravention of the Regulations have in the past been put forward, based on the known natural occurrence of relatively large amounts of copper in certain crustacea and of small amounts in such fruits as the tomato. It has been said that minute amounts of copper are actually necessary for health in the human subject. That is no reason, however, why we should regard kindly the practice of manufacturers in giving us this extra copper, since it is possible to have too much of a good thing and the ordinary person would no doubt prefer to take his daily minute trace of copper in the way that unassisted nature gives it him. Copper is a cumulative poison and therefore undesirable in the relatively massive doses in which it occurs in these tomato preparations.

#### COCOA, COFFEE, TEA, &C.

Eleven samples of cocoa, two of coffee and six of tea were reported genuine. All the cocoas were specially examined for arsenic, but with negative results.

Of five specimens of coffee and chicory one was reported adulterated on account of the presence of an excessive proportion of chicory—72 per cent.—whilst the other samples were genuine, the chicory therein being under 50 per cent. In the view of your Analyst such a high

proportion of chicory as 72 per cent. is excessive and not in conformity with ordinary custom in the trade.

Three coffee and chicory extracts were found to be genuine. In two cases, since it was said that the price of each was very low, it was considered advisable to extend the analysis with a view to determining not only the presence of some extract of coffee, but also the proportion of coffee to chicory used in their manufacture. The results were satisfactory, inasmuch as the proportions of coffee to chicory indicated were approximately 8 to 10 in the one case and 10 to 12 in the other.

#### FARINACEOUS FOODS.

A sample of barley was genuine, but one of rice contained 0.08 per cent. of extraneous mineral matter having the characters of talc, this being evidence of the practice of "facing." The amount found was, however, well below the limit of 0.5 per cent. recommended in Dr. Hamill's report to the Local Government Board, so that no action was taken.

A sample labelled "Extra Creamy Custard" bore on the tin, in small print, the words "Not prepared with eggs" and had the composition of the article usually sold as custard *powder*, that is to say, it consisted of starch coloured and flavoured. My report called attention to the deceptive character of the label.

#### CONDIMENTS, SPICES, &c.

Falling under this heading are ten specimens of olive oil, four of malt vinegar, eight of table vinegar, four of pepper, two of mustard, two of ground spice and five of sauce.

Of the last-named three were mint sauce, two of which were sold with labels claiming that they were prepared with

malt vinegar. The claim was substantiated by the results of analysis in one case, but in the other the vinegar portion was found not to have the characters of malt vinegar and it was therefore certified to be adulterated.

One of the mustards was found to contain a small proportion of starch and turmeric, but no exception could be taken to this as it was sold as a mixed article. The other contained a small amount of turmeric and was merely reported inferior as it is not usual to regard the colouring of mustard with turmeric as adulteration.

All the table vinegars were reported adulterated as they were found to consist of artificial vinegar. In three of them the amount of acetic acid was respectively 46, 26.5 and 4 per cent. deficient; these were therefore artificial vinegar adulterated with water. It is satisfactory to record that the Court upheld your Analyst's opinion that *table* vinegar should consist of a superior article, such as *malt* vinegar, and not of artificial vinegar, which is merely acetic acid diluted with water and coloured with caramel. Fines totalling £10 2s. 6d. were imposed.

#### SUGAR, SWEETS AND JELLIES.

Of six samples of sugar two were found to be adulterated, one with 2 per cent. of starch and the other with 1.14 per cent. of rancid fat; this last also contained a few dead flies. It was afterwards learned that the presence of the starch was notified on the label of the original container and that the contamination with rancid fat was to be accounted for by the vendor having kept the sugar in packets in a tin alongside packets of ground almonds. Three were brown sugar of the Barbados type and were submitted in view of the fact that elsewhere such sugar had been found to contain appreciable quantities of sand. It appears, however, that the cases where sand was discovered were isolated ones and the trouble is said to have been due to malice on

the part of native employees in the works. None of those submitted to me contained sand.

Three table jellies were certified to be genuine. One was sold as "jelly cream" and was said to contain milk. Apparently some milk was present, but only sufficient to give the jelly a slight opalescence.

Two specimens of sweets sold as "Bubbly Gums" and "Bobby Gums" were free from injurious constituents and so were reported genuine. They were submitted for analysis following complaints that they had caused sore throat in children. They were sweets of the chewing gum type and directions on the wrappers were given to the effect that after all the sugary material had been chewed out of them the residual gum could be used for blowing bubbles by pressing against the teeth and blowing air into it. This absurd proceeding seems to have attracted children sufficiently to lead to a rather brisk sale of the sweets. According to my information the children pass the gum from one to another; hence, although there is nothing in the sweets themselves to cause sore throat, the disgusting and dangerous use to which they are put is quite sufficient to propagate much more serious diseases.

#### CORDIALS, WINES, SPIRITS, &c.

Four fruit cordials, one ginger wine essence, two lemonade powders, one orangeade powder, and one non-alcoholic raisin wine were genuine, but of eleven whiskies two were adulterated. The latter had strengths of 40.64 and 37.65 degrees under proof, whereas the Act requires spirits to be not more than 35 degrees under proof. The proof strengths reported indicate that the samples were whisky of the minimum legal strength to which had been added approximately 9 per cent. of water in the one case and 4 per cent. in the other. Proceedings in respect of these resulted in fines and costs totalling £4 2s. 0d. being imposed.

## DRUGS.

Fifty-four drugs in the very varied assortment exhibited in Table III were analysed during the year. All were genuine with the exception of one white iodine cream, one syrup of figs and one camphorated oil.

The white iodine cream bore a label stating that the content of potassium iodide was 2 per cent., whereas analysis proved it to contain only 1 per cent. of this salt. The syrup of figs contained 750 parts per million of salicylic acid and the camphorated oil was deficient of 50 per cent. of the amount of camphor required by the British Pharmacopœia formula.

A sample sold as "Active Mineral Salts" had the following composition indicated on its label:—

|                    |     |     |              |
|--------------------|-----|-----|--------------|
| Sodium Sulphate    | ... | ... | 22 per cent. |
| Magnesium Sulphate | ... | ... | 75 ,,        |
| Sodium Chloride    | ... | ... | 2 ,,         |
| Tartaric Acid      | ... | ... | 1 ,,         |

Analysis disclosed some variation from this formula but not greater than would be allowable for error in dispensing.

## MISCELLANEOUS SAMPLES.

Two specimens of ground almonds were genuine, as also was a sultana pudding mixture. A sherry trifle was found to contain some small proportion of wine and a "real egg" custard—a confection of the custard tart type—contained some egg.

In addition to the samples taken under the Food and Drugs (Adulteration) Act, analyses were made at the request of the Medical Officer of Health and an English full-cream milk powder, a specimen of water from the Lime Grove First-Class Swimming Bath, and a sample of the salt used in this Bath.

TABLE VI.

| Article.         | Identification No. given to sample in Quarterly Report. | Result of Analyses.  | Legal proceedings under the Sale of Food and Drugs Act. |                                   | Course when no proceedings are taken.               | Remarks.                                     |
|------------------|---|--|---|-----------------------------------|---|--|
|                  |   |  | Fines.<br>£ s. d.                                       | Costs.<br>£ s. d.                 |   |  |
| Milk .. ..       | 378   | 16% fat abstracted ..  | }   | "Appeal to cow"<br>defence upheld | —   | —  |
| " .. ..          | 382   | 4% "   |   |                                   |   |  |
| " .. ..          | 385   | 9% "   |   |                                   |   |  |
| " .. ..          | 386   | 7% "   |   |                                   |   |  |
| " .. ..          | 388   | 2% "   |   |                                   |   |  |
| " .. ..          | 390   | 11% "  |   |                                   |   |  |
| " .. ..          | 394   | 3% "   |   |                                   |   |  |
| " .. ..          | 395   | 10% "  | } Summons dismissed                                     | —                                 | —   | —  |
| Sausages .. ..   | 403   | Contained 96 pts. per million of sulphur dioxide   |   |                                   |   |  |
| " .. ..          | 470   | Contained 230 pts. per million of sulphur dioxide  | —   | —                                 | Warning .. ..                                       |  |
| Mint Sauce ..    | 477   | The vinegar portion had not the characteristics of malt vinegar whereas the label claimed that it had been prepared with malt vinegar  | —   | —                                 | —   | Informal sample. Official sample genuine     |
| Tinned Cream ..  | 490   | Contained only 18.5% fat. Label declared contents to be "Pure thick cream. A highly concentrated and rich cream."  | —   | —                                 | No action .. ..                                     | —  |
| Iodine Cream ..  | 491   | Contained only 1% of potassium iodide whereas label declared 2%  | —   | —                                 | Referred for action to be taken against wholesalers | —  |
| Milk .. ..       | 514   | 9% fat abstracted ..   | —   | —                                 | Letter of warning ..                                | —  |
| Tinned Cream ..  | 536   | Label described contents as pure thick concentrated and rich cream. Sample contained only 20% fat. A rich cream should contain not less than 50% of fat. Sample therefore was 60% deficient in fat | —   | —                                 | No action .. ..                                     | —  |
| Table Vinegar .. | 606   | 100% artificial vinegar and deficient in acetic acid to extent of 26.5%  | —   | —                                 | —   | Informal sample. See official sample No. 631 |
| " .. ..          | 630   | 100% artificial vinegar  | 2 10 0  | 10 6                              | —   | —  |
| " .. ..          | 631   | 100% artificial vinegar and 46% deficient in acetic acid   | 5 0 0   | 10 6                              | —   | —  |
| " .. ..          | 650   | 100% artificial vinegar  | —   | —                                 | —   | Informal sample. See official sample No. 721 |

TABLE VI—continued.

| Article.         | Identification No. given to sample in Quarterly Report. | Result of Analyses.  | Legal proceedings under the Sale of Food and Drugs Act. |                   | Course when no proceedings are taken.                        | Remarks.                                     |
|------------------|---|--|---|-------------------|--|--|
|                  |   |  | Fines.<br>£ s. d.                                       | Costs.<br>£ s. d. |  |  |
| Table Vinegar .. | 656   | 100% artificial vinegar  | —   | —                 | —  | Informal sample. See official sample No. 720 |
| Milk .. ..       | 683   | 2% fat abstracted ..   | —   | —                 | No action. Adulteration insufficient                         | —  |
| Condensed Milk.. | 690   | Contained only 8.87% fat whereas Condensed milk regulations require 9%                         | —   | —                 | No action .. ..  | —  |
| Tinned Cream ..  | 693   | Contained only 24% butter fat whereas label declared 25%                                       | —   | —                 | No action .. ..  | —  |
| French Coffee .. | 704   | Contained 72% chicory  | —   | —                 | No action .. ..  | —  |
| Table Vinegar .. | 720   | 100% artificial vinegar  | —   | —                 | Letter of warning ..   | —  |
| ” ” ..           | 721   | 100% artificial vinegar and 4% deficient in acetic acid  | Summons dismissed “Warrants” defence upheld             | —                 | —  | —  |
| ” ” ..           | 722   | 100% artificial vinegar  | Dismissed under P.O.A.                                  | 1 11 6            | —  | —  |
| Cream Buns ..    | 724   | Filling consisted of a substance other than cream  | —   | —                 | No action .. ..  | —  |
| Tomato Soup ..   | 872   | Contained 14 parts per million of copper   | —   | —                 | —  | Informal sample                              |
| Whisky .. ..     | 986   | 37.65 degrees under proof  | Dismissed with caution                                  | 1 1 0             | —  | —  |
| ” .. ..          | 987   | 40.64 degrees under proof  | 2 0 0   | 1 1 0             | —  | —  |
| Syrup of Figs .. | 19  | Contained a preparation of salicylic acid equivalent to 750 pts. of salicylic acid per million | —   | —                 | Vendor warned. Stock withdrawn from sale                     | —  |
| Tomato Soup ..   | 77  | Contained 50 pts. of copper per million  | —   | —                 | Manufacturers warned. Remainder of stock withdrawn from sale | —  |
| Icing Sugar ..   | 78  | Contained 2% of starch   | —   | —                 | No action .. ..  | —  |
| ” ” ..           | 79  | Contained 1.14% of rancid fat  | —   | —                 | Vendor warned ..   | —  |
| Camphorated Oil  | 99  | 50% deficient in camphor   | —   | —                 | —  | Informal sample. Official sample genuine     |
| Rice .. ..       | 106   | Contained not less than 0.08% of extraneous mineral matter                                     | —   | —                 | No action .. ..  | —  |



## PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASES.

**Infectious Diseases.**—There were, omitting tuberculosis, 999 cases reported as due to notifiable infectious diseases in the Borough, against 1,861 in the previous year. There were also reported 679 cases of infectious diseases that were not notifiable, against 1,606 in the previous year; 45 of these were Measles, 312 Whooping Cough and 322 Chickenpox.

The number of cases of Tuberculosis notified was 201 against 215 in the previous year.

### BACTERIOLOGY.

The following bacteriological examinations were made on behalf of the Council:—

Material from cases of suspected Diphtheria—

|                         |       |
|-------------------------|-------|
| Positive results ... .. | 155   |
| Negative results ... .. | 1,230 |

Sputa from cases of suspected Tuberculosis

|                                    |     |
|------------------------------------|-----|
| Tubercle bacillus found ... ..     | 87  |
| Tubercle bacillus not found ... .. | 487 |

Blood from cases of suspected Fever—

|   |   |
|---|---|
| Widal or Typhoid reaction obtained . . .    | — |
| Widal or Typhoid reaction not obtained .. . | 1 |
| Stools ... ..                               | 2 |

Grand Total ... .. 1,963

---

## Cases of Infectious Disease notified during the year 1935.

| NOTIFIABLE DISEASE                      | NUMBER OF CASES NOTIFIED |             |                   |                    |                     |                     |                     |                | Total cases notified in each Ward |            |            |           |            |            |           | TOTAL CASES RE-MOVED TO HOSPITAL |        |    |    |    |    |    |            |
|---|--------------------------|-------------|-------------------|--------------------|---------------------|---------------------|---------------------|----------------|-----------------------------------|------------|------------|-----------|------------|------------|-----------|----------------------------------|--------|----|----|----|----|----|------------|
|   | At all Ages              | AGE PERIODS |                   |                    |                     |                     |                     |                | S <sup>th</sup> Ward              | Centre     |            |           | North      |            |           |                                  |        |    |    |    |    |    |            |
|   |                          | Under 1     | 1 & under 5 Years | 5 & under 15 Years | 15 & under 25 Years | 25 & under 45 Years | 45 & under 65 Years | 65 and upwards |                                   | Ward 1     | Ward 2     | Ward 3    | Ward 4     | Ward 5     | Ward 6    |                                  | Ward 7 |    |    |    |    |    |            |
| Smallpox .. .. .                        | ..                       | ..          | ..                | ..                 | ..                  | ..                  | ..                  | ..             | ..                                | ..         | ..         | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. |            |
| Cholera (C) Plague (P)                  | ..                       | ..          | ..                | ..                 | ..                  | ..                  | ..                  | ..             | ..                                | ..         | ..         | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | ..         |
| Diphtheria (including Membranous Croup) | 333                      | 5           | 102               | 184                | 17                  | 21                  | 4                   | ..             | 36                                | 50         | 36         | 16        | 85         | 67         | 43        | ..                               | ..     | .. | .. | .. | .. | .. | 331        |
| Erysipelas .. .. .                      | 50                       | 1           | 1                 | ..                 | 4                   | 16                  | 22                  | 6              | 6                                 | 5          | 8          | 3         | 11         | 14         | 3         | ..                               | ..     | .. | .. | .. | .. | .. | 30         |
| Scarlet Fever .. .. .                   | 349                      | 3           | 113               | 167                | 30                  | 32                  | 4                   | ..             | 57                                | 34         | 38         | 22        | 81         | 94         | 23        | ..                               | ..     | .. | .. | .. | .. | .. | 336        |
| Typhus Fever .. .. .                    | ..                       | ..          | ..                | ..                 | ..                  | ..                  | ..                  | ..             | ..                                | ..         | ..         | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | ..         |
| Enteric Fever .. .. .                   | 5                        | ..          | ..                | ..                 | 2                   | 3                   | ..                  | ..             | 1                                 | 1          | ..         | 1         | ..         | 2          | ..        | ..                               | ..     | .. | .. | .. | .. | .. | 5          |
| Relapsing Fever (R) Continued Fever (C) | ..                       | ..          | ..                | ..                 | ..                  | ..                  | ..                  | ..             | ..                                | ..         | ..         | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | ..         |
| Puerperal Fever .. .. .                 | 2                        | ..          | ..                | ..                 | ..                  | 2                   | ..                  | ..             | 1                                 | ..         | 1          | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | 2          |
| Puerperal Pyrexia .. .. .               | 19                       | ..          | ..                | ..                 | 8                   | 11                  | ..                  | ..             | 1                                 | 4          | 2          | 2         | 6          | 3          | 1         | ..                               | ..     | .. | .. | .. | .. | .. | 19         |
| Cerebro-Spinal Meningitis               | 2                        | 1           | ..                | ..                 | 1                   | ..                  | ..                  | ..             | ..                                | ..         | 1          | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | 2          |
| Polio-myelitis .. .. .                  | 2                        | ..          | 2                 | ..                 | ..                  | ..                  | ..                  | ..             | 1                                 | 1          | ..         | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | 2          |
| Encephalitis Lethargica                 | 2                        | ..          | ..                | ..                 | ..                  | 2                   | ..                  | ..             | ..                                | 1          | ..         | ..        | 1          | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | 1          |
| Ophthalmia Neonatorum                   | 11                       | 11          | ..                | ..                 | ..                  | ..                  | ..                  | ..             | 3                                 | ..         | 2          | 1         | 1          | 4          | ..        | ..                               | ..     | .. | .. | .. | .. | .. | 9          |
| Anthrax .. .. .                         | ..                       | ..          | ..                | ..                 | ..                  | ..                  | ..                  | ..             | ..                                | ..         | ..         | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | ..         |
| Pneumonia .. .. .                       | 88                       | 4           | 9                 | 9                  | 10                  | 25                  | 28                  | 3              | 7                                 | 23         | 13         | 4         | 6          | 23         | 12        | ..                               | ..     | .. | .. | .. | .. | .. | 31         |
| Malaria .. .. .                         | ..                       | ..          | ..                | ..                 | ..                  | ..                  | ..                  | ..             | ..                                | ..         | ..         | ..        | ..         | ..         | ..        | ..                               | ..     | .. | .. | .. | .. | .. | ..         |
| Dysentery .. .. .                       | 14                       | 1           | 3                 | 1                  | 6                   | 3                   | ..                  | ..             | ..                                | 10         | 1          | 2         | ..         | ..         | 1         | ..                               | ..     | .. | .. | .. | .. | .. | 5          |
| Food Poisoning .. .. .                  | 9                        | ..          | ..                | 3                  | 2                   | 2                   | 1                   | 1              | ..                                | 2          | ..         | ..        | 1          | 3          | 3         | ..                               | ..     | .. | .. | .. | .. | .. | 1          |
| Chickenpox .. .. .                      | 113                      | 4           | 29                | 69                 | 8                   | 1                   | 1                   | 1              | 19                                | 12         | 21         | 3         | 19         | 32         | 7         | ..                               | ..     | .. | .. | .. | .. | .. | 7          |
| <b>TOTALS .. .. .</b>                   | <b>999</b>               | <b>30</b>   | <b>259</b>        | <b>433</b>         | <b>88</b>           | <b>118</b>          | <b>60</b>           | <b>11</b>      | <b>132</b>                        | <b>143</b> | <b>123</b> | <b>54</b> | <b>211</b> | <b>242</b> | <b>94</b> | ..                               | ..     | .. | .. | .. | .. | .. | <b>781</b> |

## TUBERCULOSIS.

|                                |            |           |          |           |           |           |           |          |           |           |           |          |           |           |           |
|--------------------------------|------------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| Pulmonary Tuberculosis ..      | 170        | ..        | ..       | 2         | 50        | 76        | 37        | 5        | 33        | 33        | 27        | 2        | 24        | 40        | 11        |
| Other forms of Tuberculosis .. | 31         | ..        | 1        | 12        | 10        | 7         | 1         | ..       | 3         | 8         | ..        | 1        | 3         | 14        | 2         |
| <b>TOTALS .. .. .</b>          | <b>201</b> | <b>..</b> | <b>1</b> | <b>14</b> | <b>60</b> | <b>83</b> | <b>38</b> | <b>5</b> | <b>36</b> | <b>41</b> | <b>27</b> | <b>3</b> | <b>27</b> | <b>54</b> | <b>13</b> |

## Deaths from the Seven Principal Zymotic Diseases.—

The total number of deaths of residents registered from the seven principal zymotic diseases was 49 against 100 in the previous year. The deaths of residents last year from these diseases were equal to 32 per 1,000 of the total deaths of residents registered and were at the rate of 0.3 deaths per 1,000 persons living.

The following table shows the deaths of residents registered from the seven principal zymotic diseases which occurred in the ten years, 1926 to 1935 :—

| Year.                | Smallpox. | Measles. | Scarlet Fever. | Diphtheria and Membranous Croup. | Whooping Cough. | Enteric Fever. | Diarrhoea and Cholera. | Total. |
|----------------------|-----------|----------|----------------|----------------------------------|-----------------|----------------|------------------------|--------|
| 1926                 | 0         | 24       | 2              | 14                               | 11              | 0              | 28                     | 80     |
| 1927                 | 0         | 2        | 1              | 11                               | 4               | 0              | 28                     | 46     |
| 1928                 | 0         | 23       | 3              | 5                                | 5               | 2              | 33                     | 71     |
| 1929                 | 0         | 2        | 0              | 5                                | 41              | 2              | 19                     | 69     |
| 1930                 | 0         | 31       | 3              | 21                               | 9               | 1              | 24                     | 89     |
| 1931                 | 0         | 0        | 2*             | 6                                | 7               | 0              | 23                     | 38     |
| 1932                 | 0         | 29       | 4              | 8                                | 6               | 1              | 26                     | 74     |
| 1933                 | 0         | 3        | 4              | 14                               | 5               | 1              | 27                     | 54     |
| 1934                 | 0         | 25       | 4              | 25                               | 19              | 0              | 27                     | 100    |
| 1935                 | 0         | 0        | 3              | 12                               | 7               | 1              | 28                     | 49     |
| Average last 10 yrs. | 0         | 14       | 3              | 12                               | 11              | 1              | 26                     | 67     |

It will be seen from the preceding table that the total number of deaths from these zymotic diseases last year was eighteen below the average number registered in the last ten years.

#### Notifiable Diseases (other than Tuberculosis) during the year 1935

| DISEASE.                         | Total cases notified. | Cases admitted to Hospital. | Total deaths. |
|----------------------------------|-----------------------|-----------------------------|---------------|
| Diphtheria ... ..                | 333                   | 331                         | 12            |
| Erysipelas ... ..                | 50                    | 30                          | —             |
| Scarlet Fever ... ..             | 349                   | 336                         | 3             |
| Enteric Fever ... ..             | 5                     | 5                           | 1             |
| Puerperal Feve ... ..            | 2                     | 2                           | 1             |
| Puerperal Pyrexia ... ..         | 19                    | 19                          | —             |
| Cerebro-Spinal Meningitis ... .. | 2                     | 2                           | 2             |
| Encephalitis Lethargica ... ..   | 2                     | 1                           | 4             |
| Ophthalmia Neonatorum ... ..     | 11                    | 9                           | —             |
| Pneumonia ... ..                 | 88                    | 31                          | 87            |
| Dysentery ... ..                 | 14                    | 5                           | —             |
| Poliomyelitis ... ..             | 2                     | 2                           | —             |
| Chickenpox .. ...                | 113                   | 8                           | —             |
| Food Poisoning ... ..            | 9                     | 1                           | —             |
| TOTALS ... ..                    | 999                   | 782                         | 110           |

**Smallpox.**—No case of smallpox was reported during the year.

**Cholera.**—No case was reported as due to Cholera, against no case in the previous year.

**Plague.**—No case was reported as due to Plague, against no case in the previous year.

**Diphtheria and Diphtheritic Membranous Croup.**—Three hundred and thirty-three cases were reported as due to Diphtheria or Diphtheritic Membranous Croup against five hundred and forty-nine cases in the previous year. Three hundred and thirty-one cases were treated at the Isolation Hospitals and two were treated at home. Twelve deaths were registered. The mortality rate on the cases reported was 3.7 per cent. The cases were fairly evenly distributed throughout the Borough.

Diphtheria is a disease which calls for prompt action by both the parent and medical practitioner.

Parents often delay calling in a doctor when children are ill. Any child who complains of a sore throat should be immediately seen by a doctor and removed to hospital when the clinical evidence is such as to give reasonable grounds for assuming the case to be positive.

If the clinical evidence is not sufficient and it is necessary to take a swab, anti-toxin should be administered at once and not delayed until the report is received from the Pathologist.

**Anti-toxin.**—During the year a supply of Anti-toxin was kept in the Public Health Department for the use of Medical Practitioners attending patients residing in the Borough.

No difficulty was experienced in removing cases to Hospital, the accommodation available being adequate for the number of cases.

### Diphtheria Immunisation.

In January, I submitted a further report on the question of Diphtheria Immunisation recommending the Council to make arrangements through the medical practitioners for the immunisation of children between the ages of one and twelve years.

A scheme was submitted to the Council providing as follows :—

- (1) That arrangements be made for children to be Schick tested and immunised.
- (2) The appointment of an immunising expert at a fee of £2 2s. 0d. per session.
- (3) All Schick testing to be performed by the Council's expert.
- (4) That medical practitioners be invited to co-operate in the scheme of immunisation.

Arrangements were made to submit the scheme to a meeting of local doctors who decided to co-operate with the Council on the terms and conditions set out hereunder :—

The Council of the Borough of Hammersmith to pay a fee of ten shillings to a medical practitioner who undertakes the immunisation of a Hammersmith child against Diphtheria :—

1. The medical practitioner's name must be on a list prepared by the Medical Officer of Health.

2. The Council will not pay a fee in respect of any child under the age of one year or over the age of twelve years.

3. The Council will not pay a fee unless the Medical Officer of Health is satisfied that the parent or guardian cannot reasonably be expected to afford a private fee for this treatment. (Note for guidance : If the wage-earner of the family is entitled to National Health Insurance Benefit or has an income which would entitle him to benefit if he were insurable, or is

unemployed, the Medical Officer of Health will generally regard the case as one for which the Council should pay; but where the family is in better circumstances the Medical Officer of Health will, unless there are exceptional conditions, regard the family as one able to pay a fee to the doctor.)

4. Before immunising a child, the medical practitioner must obtain the written consent of the parent or guardian.

5. The child must be given three immunising injections at not less than fortnightly intervals.

6. The immunising agent selected by the medical practitioner must be approved by the Medical Officer of Health and obtained from a firm licensed under the Therapeutic Substances Acts.

7. Each dose of the immunising agent must be contained in a separate sealed glass ampoule. *In no circumstances* will the Council pay a fee in respect of the immunisation of a child by a preparation from a container holding more than one dose.

8. The medical practitioner will enter the particulars of each immunising dose on a record card provided by the Council. When this record is completed and returned to the Public Health Department the Medical Officer of Health will, in appropriate cases, forward particulars of the cases to the Borough Treasurer, in order that the fees due may be paid each quarter.

9. In every case the medical practitioner must place before the parent or guardian the significance of the Schick test and advise that this should be applied to children over five years of age. If the parent or guardian decides to forego the Schick test before immunisation, it may be omitted. The medical prac-

titioner must urge in every case that the Schick should be applied three months after the immunising injections have been given.

10. If the parent or guardian desires the Schick test to be performed before immunisation, the medical practitioner must refer the child to the Council's immunisation expert. The medical practitioner will also endeavour to arrange for every child to visit the immunisation expert three months after the last injection.

11. The technique to be employed in connection with Diphtheria immunisation work must be that prescribed by the Council's immunisation expert.

12. The fee of ten shillings to be paid by the Council in respect of each child immunised in accordance with these rules will be the limit of the Council's liability in connection with Diphtheria immunisation, and the cost of purchasing the immunising agent must be borne by the medical practitioner, who will also be responsible for any subsequent medical attention necessary and for any other liability which may result. The council will also pay a fee of 2s. 6d. in the case of a child sent by a medical practitioner to the Clinic to have a pre-immunisation Schick test and found to be negative.

13. The Medical Officer of Health may examine any child before, during or after the administration of the immunising doses, and all records kept by the medical practitioner in respect of Diphtheria immunisation must be open to his inspection.

14. An expert in Diphtheria immunisation work will be appointed who will prescribe the technique to be followed in respect of those cases for which the Council is prepared to pay a fee. He will also undertake ALL Schick testing which may be necessary or desired.

15. Most children under one year of age are immune from Diphtheria and it is therefore not considered necessary to immunise them. After the age of twelve years the risk of contracting Diphtheria diminishes rapidly and the Council does not propose, at present, to pay fees in respect of persons over this age. In these circumstances, if a medical practitioner desires to immunise infants under twelve months or persons over twelve years of age, it will be necessary for him to arrange for a private fee to be paid for his services and for the services of the immunisation expert, if desired.

16. As the majority of children between the ages of one and five years are susceptible to Diphtheria, it is not essential to apply the Schick test, and immunisation can be recommended immediately (except in the case of those who have had Diphtheria).

17. A medical practitioner should not undertake immunisation until the appropriate facts have been placed before the parent or guardian.

18. If the Schick test after the immunising injections have been given, proves positive, the expert will advise the medical practitioner to give further injections, and on evidence being produced that these have been given, the Council will agree to pay an additional fee of ten shillings, subject, however, to the limitation of liability indicated under heading (12) above.

19. Arrangements will be made for children to be Schick tested and immunised at the Infant Welfare Centres at Westway and 48, Glenthorne Road.

20. The Council, by means of the usual health propaganda channels, will bring to the notice of Hammer-smith residents the fact that Diphtheria can be prevented and that those who desire security for their children should apply to their own family doctor.



The following are the particulars of the work done under the scheme since the date of its inception in February to the end of the year :—

|  |     |     |     |     |     |     |       |
|--|-----|-----|-----|-----|-----|-----|-------|
| Number of children immunised by medical practitioners      | ... | ... | ... | ... | ... | ... | 1,170 |
| Number of children who did not complete the three doses    | ... | ... | ... | ... | ... | ... | 13    |
| Number of children who were immunised without a pre-Schick | ... | ... | ... | ... | ... | ... | 1,134 |

#### SCHICK TESTING CLINIC.

|                        |     |     |     |     |     |     |    |
|------------------------|-----|-----|-----|-----|-----|-----|----|
| Number of Clinics held | ... | ... | ... | ... | ... | ... | 22 |
|------------------------|-----|-----|-----|-----|-----|-----|----|

#### *Pre-Schick tests.*

|                                     |     |     |     |     |     |     |    |
|-------------------------------------|-----|-----|-----|-----|-----|-----|----|
| Positive                            | ... | ... | ... | ... | ... | ... | 57 |
| Negative (4 to be re-Schick tested) | ... | ... | ... | ... | ... | ... | 22 |
| No reading (failure to attend)      | ... | ... | ... | ... | ... | ... | 1  |

#### *Post-Schick tests.*

|   |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|
| Positive  | ... | ... | ... | ... | ... | ... | 6   |
| Negative  | ... | ... | ... | ... | ... | ... | 546 |
| No reading                                      | ... | ... | ... | ... | ... | ... | 19  |
| Refusals or non-attendances                     | ... | ... | ... | ... | ... | ... | 75  |
| Removed—address unknown                         | ... | ... | ... | ... | ... | ... | 33  |
| Removed—information sent on to M.O.H. concerned | ... | ... | ... | ... | ... | ... | 13  |

|   |     |     |     |     |     |     |   |
|---|-----|-----|-----|-----|-----|-----|---|
| Additional doses recommended by the Immunisation Expert | ... | ... | ... | ... | ... | ... | 4 |
| (2 had one—2 had two)                                   |     |     |     |     |     |     |   |

| <i>Fees paid to medical practitioners.</i> |    |         |        | £     | s. | d. |
|--|----|---------|--------|-------|----|----|
| 1,170                                      | at | 10s.    | ... .. | 585   | 0  | 0  |
| 7  | at | 6s. 8d. | ... .. | 2     | 6  | 8  |
| 10   | at | 3s. 4d. | ... .. | 1     | 13 | 4  |
| 18   | at | 2s. 6d. | ... .. | 2     | 5  | 0  |
|  |    |         |        | <hr/> |    |    |
|  |    |         |        | £591  | 5  | 0  |
|  |    |         |        | <hr/> |    |    |

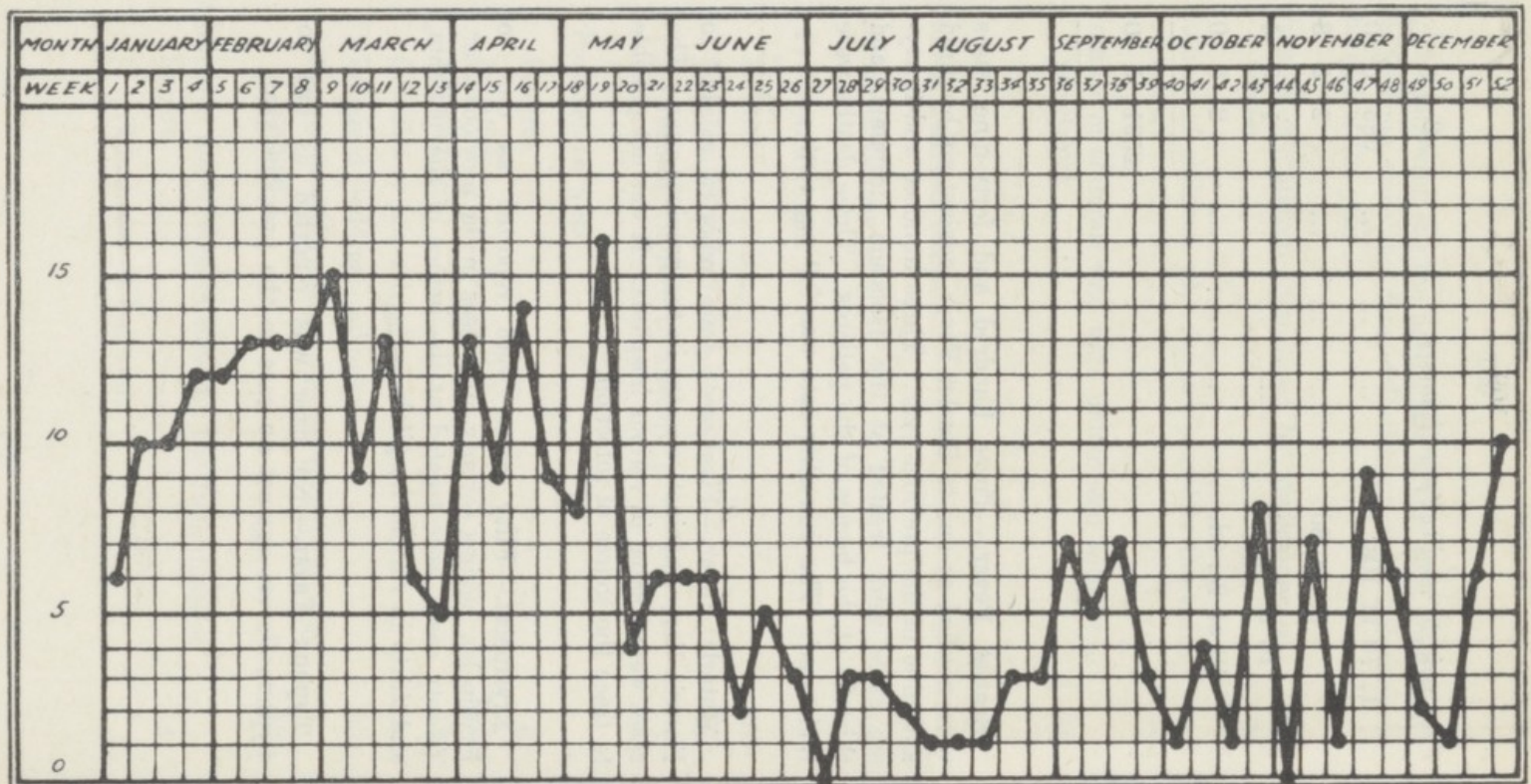
**Scarlet Fever.**—Three hundred and forty-nine cases were notified as due to Scarlet Fever, against six hundred and nine in the previous year. Three hundred and thirty-six cases were treated at the Isolation Hospitals, and thirteen at the homes of the patients. Three deaths were registered. The mortality rate was 0.9 per cent.

**Enteric Fever.**—Five cases were reported as due to Enteric Fever, against one case in the previous year. The cases were treated in various hospitals. It was not possible to trace the source of infection.

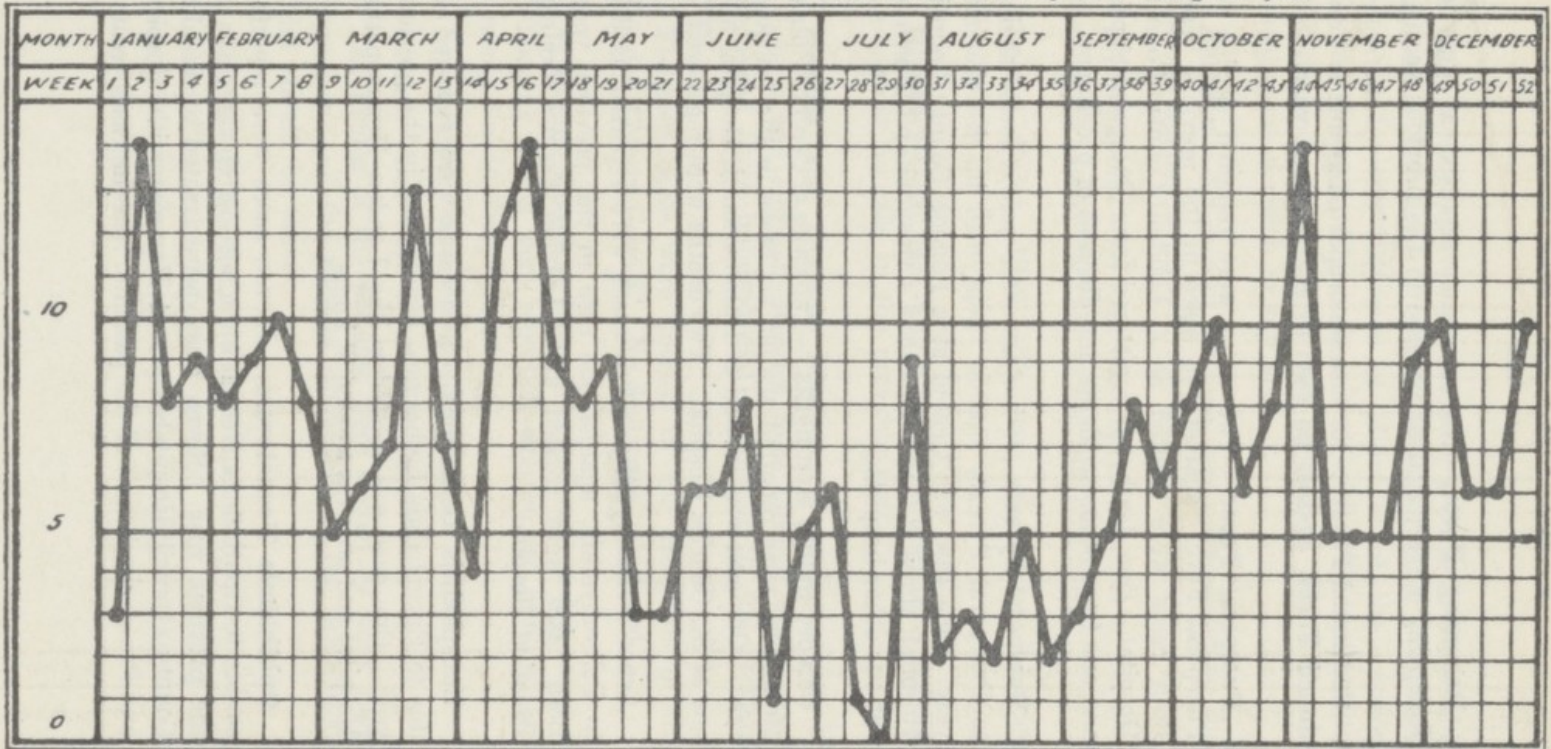
**Erysipelas.**—Fifty cases were reported as due to Erysipelas, against seventy-nine cases in the previous year. Twenty cases were treated at the homes of the patients, and thirty in various hospitals.

**Typhus Fever.**—No case was reported as due to Typhus Fever, against no case in the previous year.

The Chart hereunder shows the number of cases of Diphtheria notified week by week during the year.



The Chart hereunder shows the number of cases of Scarlet Fever notified week by week during the year.



**Relapsing Fever.**—No case was reported as due to Relapsing Fever, against no case in the previous year.

**Continued Fever.**—No case was reported as due to Continued Fever, against no case in the previous year.

**Puerperal Fever.**—Two cases were reported as due to Puerperal Fever, against two cases in the previous year. Both cases were treated at a London County Council Hospital. One death was registered from Puerperal Sepsis and one from other accidents and diseases of pregnancy.

**Puerperal Pyrexia.**—Nineteen cases were reported as due to Puerperal Pyrexia against twenty-two in the previous year. One case was treated at a London County Council Hospital, three at Queen Charlotte's Hospital and fifteen at various other hospitals.

**Cerebro-Spinal Meningitis.**—Two cases of Cerebro-Spinal Meningitis were reported against six cases in the previous year. One case was treated at Hammersmith Hospital and one at St. Charles Hospital. Two deaths were registered.

**Acute Polio-myelitis.**—Two cases were reported as due to Polio-myelitis, against one case in the previous year. Both cases were treated at a London County Council Isolation Hospital.

**Encephalitis Lethargica.**—Two cases were reported as due to Encephalitis Lethargica, against one in the previous year. One case was treated at the London Homœopathic Hospital and one was treated at home.

**Ophthalmia Neonatorum.**—Eleven cases were reported as due to Ophthalmia Neonatorum, against eleven cases in the previous year. Seven cases were treated at London County Council Hospitals, two at Hammersmith Hospital and two at the homes of the patients. In the cases treated

at home arrangements were made for a nurse to attend the patients. Two cases of slight inflammation of eyes were reported by the Inspector of Midwives of the London County Council. These cases were visited by the Health Visitors and action taken where necessary. There was no impairment of vision in any case.

**Anthrax.**—No case of Anthrax was notified during the year, as against no case in the previous year.

**Hydrophobia.**—No case was reported as due to Hydrophobia, as against no case in the previous year.

**Rabies Order, 1919.**—No case of Rabies in dogs occurred in the Borough.

**Glanders.**—No case was reported as due to Glanders, as against no case in the previous year.

**Measles and German Measles.**—Forty-five cases of Measles and German Measles were notified against one thousand three hundred and thirty-four in the previous year.

Fourteen cases were treated in the Hospitals of the London County Council. No death was registered.

**Whooping Cough.**—Three hundred and twelve cases of Whooping Cough were reported, against two hundred and seventy-two in the previous year.

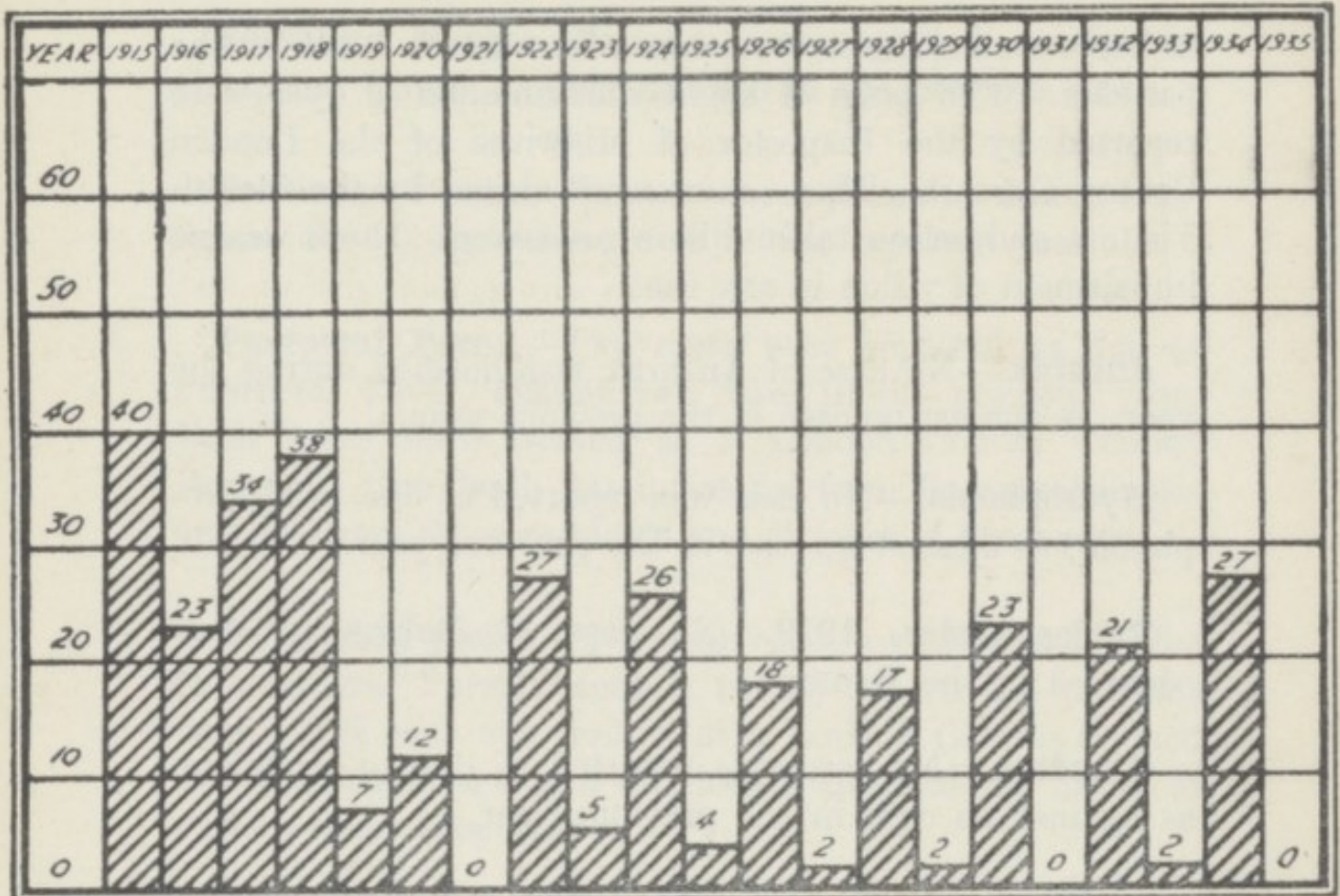
Seven deaths were registered.

Seventy cases were removed to hospital.

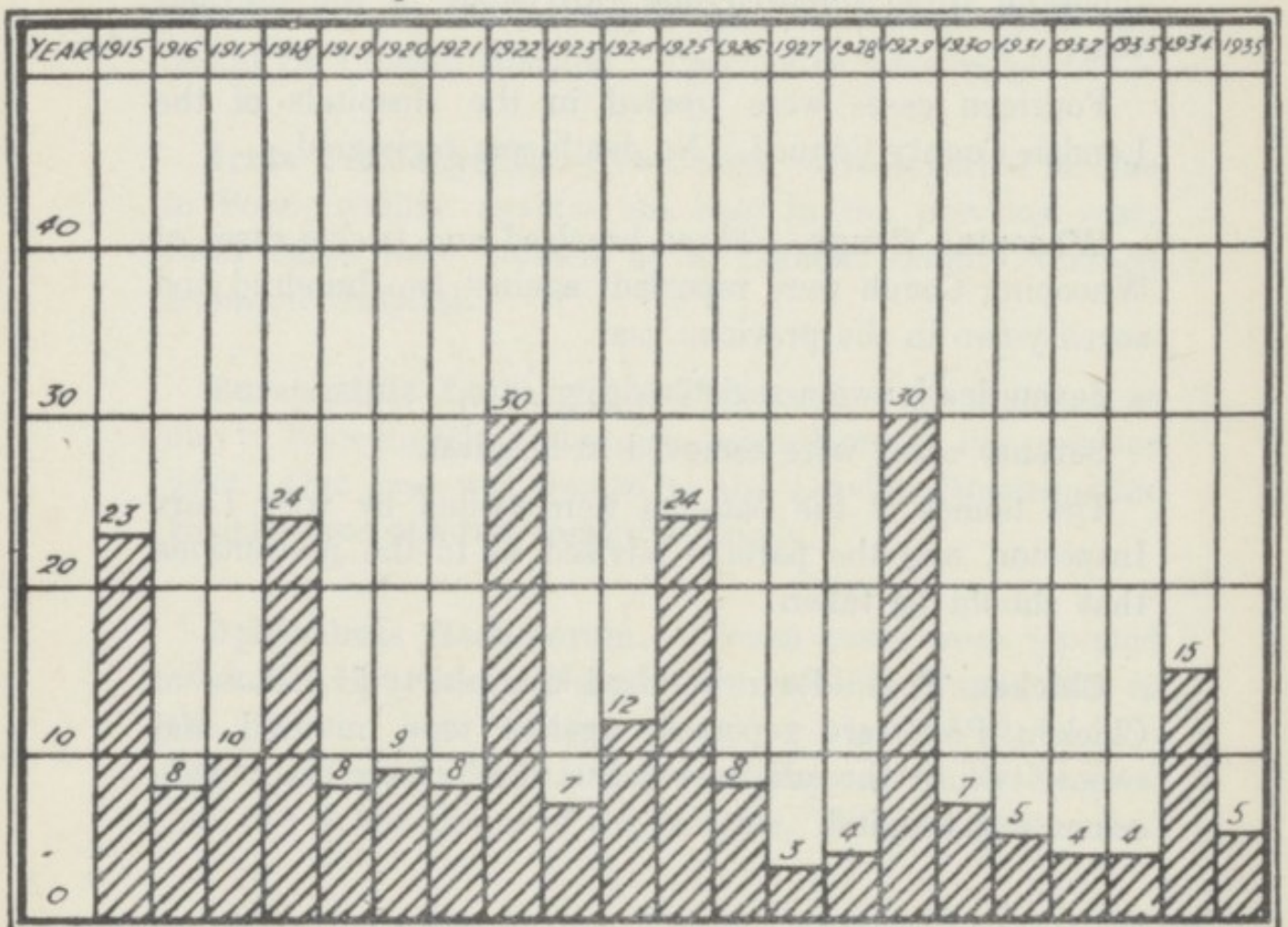
The homes of the patients were visited by your Lady Inspector, and the parents advised as to the precautions that should be taken.

**Chicken Pox.**—Four hundred and thirty-five cases of Chicken Pox were reported, against four hundred and twenty-two in the previous year. Twenty-six cases were removed to hospital.

The following Chart shows the number of Deaths from Measles per 100,000 inhabitants, 1915-1935.



The following Chart shows the number of Deaths from Whooping-Cough per 100,000 inhabitants, 1915-1935.



In every case the premises were visited by your Lady Inspector and the parents advised as to the precautions necessary.

The Order known as the Hammersmith (Chicken Pox) Regulations, 1931, dated 20th February, 1931, requiring the notification of Chicken Pox in any person not under ten years of age and any person under ten years of age who had not been vaccinated, continued in force until the first of July, 1935.

**Pneumonia.**—Eighty-eight cases of Pneumonia (twenty-seven Influenzal Pneumonia and sixty-one Primary Pneumonia) were notified during the year.

Thirty-one cases were treated at various institutions.

All cases were made the subject of inquiry by your lady Sanitary Inspector or Health Visitors, and in many cases it was found necessary to arrange for a nurse to visit, advise and assist in the nursing of the patients. This was done by arrangement with the Hammersmith District Nursing Association.

Eighty-seven deaths were registered.

**Malaria.**—No case was reported, as against no case in the previous year.

**Dysentery.**—Fourteen cases of Dysentery were reported against no case in the previous year.

**Food Poisoning.**—Nine cases of Food Poisoning were reported under Section 7 of the London County Council (General Powers) Act, 1932.

**Influenza.**—During the year eight deaths from Influenza occurred, as compared with nine in the previous year.

**Wrong Diagnosis.**—Fifty-six cases of infectious disease were removed to the Hospitals of the London County Council and subsequently returned home in consequence of the patients being found not to be suffering from the



disease stated on the certificates, or any other notifiable disease—

|               |     |     |     |     |       |
|---------------|-----|-----|-----|-----|-------|
| Diphtheria    | ... | ... | ... | ... | 28    |
| Scarlet Fever | ... | ... | ... | ... | 28    |
|               |     |     |     |     | <hr/> |
| Total         | ... | ... | ... | ... | 56    |
|               |     |     |     |     | <hr/> |

**Psittacosis.**—No case of psittacosis was reported in the Borough during the year.

### CLEANSING OF VERMINOUS PERSONS.

The Medicinal Baths in Scotts Road, Shepherd's Bush, provide for the treatment of cases of Scabies, Impetigo and the cleansing of verminous persons, &c.

I append figures showing the numbers dealt with during the year.

#### School Children—

|                 |     |     |     |     |       |
|-----------------|-----|-----|-----|-----|-------|
| Scabies         | ... | ... | ... | ... | 116   |
| Impetigo        | ... | ... | ... | ... | 262   |
| Verminous Cases | ... | ... | ... | ... | 1,889 |

#### Adults—

|                  |     |     |     |     |     |
|------------------|-----|-----|-----|-----|-----|
| Scabies          | ... | ... | ... | ... | 105 |
| Verminous Cases  | ... | ... | ... | ... | 10  |
| Other Conditions | ... | ... | ... | ... | —   |

#### Children under School-age—

|                 |     |     |     |     |    |
|-----------------|-----|-----|-----|-----|----|
| Scabies         | ... | ... | ... | ... | 13 |
| Verminous Cases | ... | ... | ... | ... | 13 |

#### School Children—Non-Hammersmith—

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Scabies   | ... | ... | ... | ... | 17  |
| Impetigo  | ... | ... | ... | ... | 2   |
| Verminous | ... | ... | ... | ... | 115 |

#### Adults—Non-Hammersmith—

|                  |     |     |     |     |    |
|------------------|-----|-----|-----|-----|----|
| Scabies          | ... | ... | ... | ... | 15 |
| Other Conditions | ... | ... | ... | ... | 9  |

#### Common Lodging-houses—

|           |     |     |     |     |    |
|-----------|-----|-----|-----|-----|----|
| Scabies   | ... | ... | ... | ... | 4  |
| Verminous | ... | ... | ... | ... | 62 |

The County Council pay the sum of two shillings in respect of each child cleansed, except in cases of scabies or impetigo in which case the payment is at the rate of 1s. for each bath given.

The amount received from the London County Council during the year was £200 8s. 0d. in respect of cleansings and £19 11s. 0d. in respect of scabies and cases and impetigo.

The non-Hammersmith cases of scabies and verminous conditions were dealt with, as the districts in which the persons were resident have not provided medicinal baths. A charge of two shillings in respect of each bath given is made and is paid by the responsible Authority.

### DISINFECTATION.

The following table shows the amount of disinfection carried out by your Council during the year; all bedding and articles of clothing, &c., being removed to the Council's Disinfecting Station, for the purposes of disinfection.

|                          |     |     |     |           |        |
|--------------------------|-----|-----|-----|-----------|--------|
| Beds ...                 | ... | ... | ... | ...       | 153    |
| Mattresses ...           | ... | ... | ... | ...       | 497    |
| Pillows ...              | ... | ... | ... | ...       | 1,999  |
| Bolsters ...             | ... | ... | ... | ...       | 573    |
| Blankets ...             | ... | ... | ... | ...       | 1,968  |
| Sheets ...               | ... | ... | ... | ...       | 1,160  |
| Quilts ...               | ... | ... | ... | ...       | 1,069  |
| Articles of Clothing ... | ... | ... | ... | ...       | 4,813  |
| Sundries ...             | ... | ... | ... | ...       | 273    |
|                          |     |     |     | Total ... | 12,505 |
| Rooms ...                | ... | ... | ... | ...       | 836    |

### Vaccination.

The duties under the Vaccination Acts and the Vaccination Order were carried out by the Public Health Department.

The Return for 1934 shows that 870 Infants were vaccinated, this being 56.0 per cent. of the Births and compared with 57.0 per cent. in 1933.

No proceedings under the Vaccination Acts were instituted.

TABULAR STATEMENT—ZYMOTIC DISEASES.

The following table shows the number of cases that were reported as due to the undermentioned diseases during the years 1926 to 1935.

| Year.                | Smallpox. | Scarlet Fever. | Diphtheria or Diphtheritic Croup. | Typhus Fever. | Enteric Fever. | Simple Continued Fever. | Relapsing Fever. | Puerperal Fever. | Puerperal Pyrexia, <i>d</i> | Cholera. | Erysipelas. | Plague. | Chickenpox. <i>f</i> | Measles. <i>b a</i> | Whooping Cough. <i>a</i> | Cerebro-Spinal Fever. | Anthrax. | Glanders. | Hydrophobia. | Ophthalmia Neonatorum. | Acute Folio-Myelitis. | Encephalitis Lethargica. | Pneumonia. <i>c</i> | Malaria. <i>c</i> | Dysentery. <i>c</i> | Trench Fever. <i>e</i> | Food Poisoning. <i>g</i> . | Total. |      |
|----------------------|-----------|----------------|-----------------------------------|---------------|----------------|-------------------------|------------------|------------------|-----------------------------|----------|-------------|---------|----------------------|---------------------|--------------------------|-----------------------|----------|-----------|--------------|------------------------|-----------------------|--------------------------|---------------------|-------------------|---------------------|------------------------|----------------------------|--------|------|
| 1926                 | 0         | 276            | 254                               | 0             | 8              | 0                       | 0                | 17               | 10                          | 0        | 29          | 0       | 290                  | 712                 | 148                      | 1                     | 0        | 0         | 0            | 24                     | 0                     | 4                        | 102                 | 0                 | 0                   | 0                      | 0                          | 0      | 1866 |
| 1927                 | 0         | 312            | 368                               | 0             | 11             | 0                       | 0                | 7                | 22                          | 0        | 41          | 0       | 269                  | 60                  | 83                       | 0                     | 1        | 0         | 0            | 16                     | 0                     | 4                        | 145                 | 2                 | 3                   | 0                      | 0                          | 1343   |      |
| 1928                 | 0         | 337            | 380                               | 0             | 8              | 0                       | 0                | 7                | 18                          | 0        | 52          | 0       | 114                  | 631                 | 45                       | 3                     | 0        | 0         | 0            | 21                     | 3                     | 3                        | 130                 | 5                 | 1                   | 0                      | 0                          | 1758   |      |
| 1929                 | 0         | 409            | 249                               | 0             | 4              | 0                       | 0                | 9                | 15                          | 0        | 74          | 0       | 87                   | 237                 | 113                      | 3                     | 0        | 0         | 0            | 13                     | 0                     | 3                        | 232                 | 0                 | 1                   | 0                      | 0                          | 1452   |      |
| 1930                 | 21        | 498            | 384                               | 0             | 6              | 0                       | 0                | 10               | 26                          | 0        | 63          | 0       | 432                  | 1486                | 206                      | 3                     | 0        | 0         | 0            | 14                     | 1                     | 4                        | 166                 | 0                 | 0                   | 0                      | 0                          | 3320   |      |
| 1931                 | 49        | 280            | 228                               | 0             | 1              | 0                       | 0                | 5                | 30                          | 0        | 48          | 0       | 707                  | 178                 | 264                      | 9                     | 0        | 0         | 0            | 13                     | 0                     | 2                        | 141                 | 0                 | 2                   | 0                      | 0                          | 1957   |      |
| 1932                 | 0         | 594            | 192                               | 0             | 4              | 0                       | 0                | 2                | 29                          | 0        | 51          | 0       | 405                  | 1588                | 330                      | 8                     | 0        | 0         | 0            | 19                     | 1                     | 1                        | 178                 | 0                 | 1                   | 0                      | 2                          | 3405   |      |
| 1933                 | 0         | 895            | 241                               | 0             | 8              | 0                       | 0                | 9                | 33                          | 0        | 97          | 0       | 333                  | 299                 | 319                      | 6                     | 0        | 0         | 0            | 10                     | 4                     | 1                        | 179                 | 0                 | 3                   | 0                      | 8                          | 2445   |      |
| 1934                 | 0         | 609            | 549                               | 0             | 1              | 0                       | 0                | 2                | 22                          | 0        | 79          | 0       | 422                  | 1334                | 272                      | 6                     | 0        | 0         | 0            | 11                     | 1                     | 1                        | 154                 | 0                 | 0                   | 0                      | 4                          | 3467   |      |
| 1935                 | 0         | 349            | 333                               | 0             | 5              | 0                       | 0                | 2                | 19                          | 0        | 50          | 0       | 435                  | 45                  | 312                      | 2                     | 0        | 0         | 0            | 11                     | 2                     | 2                        | 88                  | 0                 | 14                  | 0                      | 9                          | 1678   |      |
| Average for 10 years | 7         | 457            | 318                               | 0             | 6              | 0                       | 0                | 7                | 21                          | 0        | 59          | 0       | 349                  | 657                 | 209                      | 4                     | 0        | 0         | 0            | 15                     | 1                     | 3                        | 152                 | 1                 | 2                   | 0                      | 2                          | 2269   |      |

*a* Not Notifiable. *b* Notifiable during the years 1916—1919. *c* Notifiable from 1st March, 1919. *d* Notifiable from 1st October, 1926.  
*e* Notifiable from 1st March, 1919, to 31/12/1927. *f* Notifiable from 2nd March, 1931, to 1/7/35. *g*. Notifiable from 12th July, 1932.

# VACCINATION RETURNS.

## RETURN FOR 1934.

| Registration<br>Sub-Districts<br>comprised in the<br>Vaccination Officers'<br>District | Number of Births returned in the "Birth List Sheets" as registered from 1st January to 31st Dec., 1934 | Number of these Births duly entered by 31st January, 1936, in Columns I, II, IV and V of the "Vaccination Register" (Birth List Sheets), viz.: |                               |               |  |                              | Number of these Births which on 31st January, 1936, remained unentered in the "Vaccination Register" on account (as shown by Report Book) of |   |   | Number of these Births remaining on 31st January, 1936, neither duly entered in the "Vaccination Register" (columns 3, 4, 5, 6 and 7 of this Return) nor temporarily accounted for in the "Report Book" (columns 8, 9 and 10 of this Return) | Number of Certificates of Successful Primary Vaccination of children under 14 years received during the calendar year 1935 | Number of Statutory Declarations of Conscientious Objection actually received by the Vaccination Officer irrespective of the dates of birth of the children to which they relate during the calendar year 1935 |
|--|--|--|-------------------------------|---------------|--|------------------------------|--|---|---|--|--|--|
|  |  | Col. I<br>Success-fully Vaccinated   | Col. II                       |               | Col. IV.<br>Number in respect of whom Certificates of Conscientious Objection have been received | Col. V<br>Dead, Unvaccinated | Post-pone-ment by Medical Certificate  | Removal to Districts, the Vaccination Officer of which has been duly apprised | Removal to Places unknown or which cannot be reached; and Cases not having been found |  |  |  |
|  |  |  | Insus-ceptible of Vaccination | Had Small-Pox |  |                              |  |   |   |  |  |  |
| 1  | 2  | 3  | 4                             | 5             | 6  | 7                            | 8  | 9   | 10  | 11   | 12   | 13   |
| 1. North Hammersmith   | 673  | 351  | 1                             | —             | 226  | 40                           | 7  | 9   | 30  | 9  | 1,177  | 543  |
| 2. South Hammersmith   | 482  | 276  | 1                             | —             | 144  | 11                           | 2  | 8   | 28  | 12   |  |  |
| 3. "Invermead" ..  | *395   | 243  | —                             | —             | 100  | 15                           | —  | 19  | 15  | 2  |  |  |
|  | *1,550   | 870  | 2                             | —             | 470  | 66                           | 9  | 36  | 73  | 23   | 1,177  | 543  |

\* Including one "overtime" registration of birth.  
Number of Copies of Certificates sent to other Vaccination Officers—193.

TABLE showing Work of Vaccination Officer from 1st January to 31st December, 1935.

|                              | No. of Vaccination Certificates received from— |            |               |               |            |               |            |                | No. of Insusceptibility Certificates. | Total No. of Certificates. | No. of Declarations of Conscientious Objection. | No. of Postponement Certificates. | No. of Cases Removed Inwards. | No. of Cases Removed Outwards. | No. of "Q" Notices Sent. | No. of "K" Notices Served. | No. of Children Died Unvaccinated. | No. of Cases Removed and not Traced. | Nos. entered on "H" Lists to Public Vaccinators. |            |               |               |            | Total      |
|------------------------------|--|------------|---------------|---------------|------------|---------------|------------|----------------|---------------------------------------|----------------------------|---|-----------------------------------|-------------------------------|--------------------------------|--------------------------|----------------------------|------------------------------------|--------------------------------------|--|------------|---------------|---------------|------------|------------|
|                              | Dr. Durward.                                   | Dr. Dale.  | Dr. Townsend. | Dr. Dockrill. | Dr. Brash. | Dr. Phillips. | Dr. Barnes | Other Doctors. |                                       |                            |   |                                   |                               |                                |                          |                            |                                    |                                      | Dr. Durward.                                     | Dr. Dale.  | Dr. Townsend. | Dr. Dockrill. | Dr. Brash. |            |
| North .. .. .                | 10   | 128        | 36            | 87            | 12         | —             | —          | 49             | 3                                     | 325                        | 198   | 36                                | —                             | 36                             | 372                      | 45                         | 18                                 | 15                                   | 15   | 108        | 31            | 70            | 12         | 236        |
| South .. .. .                | 90   | 13         | 91            | 4             | —          | —             | —          | 85             | 4                                     | 287                        | 157   | 21                                | —                             | 87                             | 327                      | 43                         | 21                                 | 9                                    | 106  | 3          | 93            | 1             | —          | 203        |
| Hammersmith Hospital..       | 12   | 11         | 20            | 9             | 1          | —             | —          | 23             | 1                                     | 77                         | 78  | 2                                 | —                             | 64                             | 153                      | 1                          | 21                                 | 16                                   | 24   | 25         | 18            | 36            | 1          | 104        |
| Queen Charlotte's Hospital.. | 21   | 23         | 33            | 24            | 1          | —             | —          | 160            | 2                                     | 264                        | 109   | 4                                 | —                             | 235                            | 172                      | 13                         | 9                                  | 19                                   | 23   | 24         | 25            | 20            | —          | 92         |
| Removed Inwards ..           | 53   | 53         | 72            | 27            | 4          | —             | —          | 25             | 3                                     | 237                        | 1   | 33                                | 404                           | —                              | 94                       | 36                         | 14                                 | 37                                   | 55   | 56         | 91            | 37            | 7          | 246        |
| Above 14 years of age ..     | 7  | 9          | 8             | 1             | —          | —             | —          | —              | —                                     | 25                         | —   | —                                 | —                             | —                              | —                        | —                          | —                                  | —                                    | —  | —          | —             | —             | —          | —          |
| <b>TOTAL .. .. .</b>         | <b>193</b>                                     | <b>237</b> | <b>260</b>    | <b>152</b>    | <b>18</b>  | <b>—</b>      | <b>—</b>   | <b>342</b>     | <b>13</b>                             | <b>1215</b>                | <b>543</b>                                      | <b>96</b>                         | <b>404</b>                    | <b>422</b>                     | <b>1118</b>              | <b>138</b>                 | <b>83</b>                          | <b>96</b>                            | <b>223</b>                                       | <b>216</b> | <b>258</b>    | <b>164</b>    | <b>20</b>  | <b>881</b> |

## Public Health (Smallpox) Regulations, 1917.

No primary vaccinations or revaccinations were performed by your Medical Officer of Health during the year, under the above regulations.

### Tuberculosis.

**Tuberculosis.**—Two hundred and one cases of tuberculosis were reported during the year, one hundred and seventy of which were Pulmonary and thirty-one being other forms of Tuberculosis, against two hundred and fifteen cases in the previous year.

#### PART I. SUMMARY OF NOTIFICATIONS DURING THE PERIOD FROM THE 1ST JANUARY, 1935, TO THE 31ST DECEMBER, 1935.

| Age Periods           | Formal Notifications   |    |    |     |     |     |     |     |     |     |     |                  | Total Notifications |
|-----------------------|--|----|----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|---------------------|
|                       | Number of Primary Notifications of new cases of Tuberculosis |    |    |     |     |     |     |     |     |     |     |                  |                     |
|                       | 0-   | 1- | 5- | 10- | 15- | 20- | 25- | 35- | 45- | 55- | 65- | Total (all ages) |                     |
| Pulmonary Males       | —  | —  | —  | —   | 7   | 14  | 20  | 21  | 17  | 11  | 4   | 94               | 128                 |
| Pulmonary Females     | —  | —  | —  | 2   | 11  | 18  | 28  | 7   | 7   | 2   | 1   | 76               | 90                  |
| Non-pulmonary Males   | —  | 1  | 3  | 4   | 3   | 3   | 2   | 1   | —   | —   | —   | 17               | 21                  |
| Non-pulmonary Females | —  | —  | 3  | 2   | 2   | 2   | 3   | 1   | 1   | —   | —   | 14               | 14                  |

## PART II.

## SUPPLEMENTAL RETURN.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

| Age Periods           | 0- | 1- | 5- | 10- | 15- | 20- | 25- | 35- | 45- | 55- | 65- | Total |
|-----------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Pulmonary Males ..    | —  | 1  | —  | 1   | —   | 6   | 11  | 6   | 4   | 1   | 2   | 32    |
| Pulmonary Females ..  | —  | —  | —  | —   | 4   | 6   | 9   | 7   | 2   | 2   | —   | 30    |
| Non-pulmonary Males.. | —  | 2  | 4  | 4   | 1   | 2   | —   | 1   | —   | —   | 1   | 15    |
| Non-pulmonary Females | —  | —  | 3  | 3   | 2   | 1   | 2   | 2   | —   | —   | —   | 13    |

| Source of Information   | No. of Cases |               |
|---|--------------|---------------|
|   | Pulmonary    | Non-pulmonary |
| Death Returns { from local Registrars ..                            | 5            | 3             |
| transferable deaths from Registrar General ..                       | 2            | 2             |
| Posthumous notifications .. ..                                      | 9            | 2             |
| "Transfers" from other areas (other than transferable deaths) .. .. | 46           | 21            |
| Other Sources, if any (specify) .. ..                               | —            | —             |

## PART III.

## NOTIFICATION REGISTER.

|   | Pulmonary |         |       | Non-pulmonary |         |       | Total Cases |
|---|-----------|---------|-------|---------------|---------|-------|-------------|
|   | Males     | Females | Total | Males         | Females | Total |             |
| Number of cases of Tuberculosis remaining at the 31st December, 1935, on the Registers of Notifications | 417       | 307     | 724   | 146           | 189     | 335   | 1,059       |
| Number of cases removed from the Register(s) during the year by reason, <i>inter alia</i> , of:—        |           |         |       |               |         |       |             |
| 1. Withdrawal of notification   | 2         | 2       | 4     | —             | 1       | 1     | 5           |
| 2. Recovery from the disease  | 14        | 12      | 26    | 5             | 3       | 8     | 34          |
| 3. Death .. .. .  | 66        | 49      | 115   | 7             | 4       | 11    | 126         |

In all cases notified the nurses visited and obtained all the necessary information. Any insanitary conditions found to exist were referred to the Sanitary Inspectors.

One hundred and ten deaths from Pulmonary Tuberculosis were registered, against one hundred and fifteen in the previous year, representing a death-rate of 0.9 per 1,000 compared with 0.9 in 1934.

The notification of cases of Tuberculosis by medical practitioners is, unfortunately, not carried out in all cases as required by the Regulations, that is within 48 hours of the same coming to their knowledge.

In all cases where failure to notify occurs, the attention of the medical practitioner is called to the fact and his observations requested.

The majority of the non-notified cases are tuberculous meningitis, the diagnosis being made post mortem.

It has not been deemed necessary to take any further action as the explanations have been considered satisfactory.

I append figures for the years 1920-35, showing the interval between notification and death of tuberculous persons.

|  | 1920. | 1921. | 1922. | 1923. | 1924. | 1925. | 1926. | 1927. | 1928. | 1929. | 1930. | 1931. | 1932. | 1933. | 1934. | 1935. |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. Total number of deaths from Tuberculosis in the Borough .. .. .                 | 157   | 173   | 162   | 145   | 170   | 138   | 142   | 181   | 135   | 149   | 153   | 127   | 156   | 150   | 124   | 119   |
| 2. The number of cases notified at death ..  | 11    | 8     | 17    | 11    | 10    | 13    | 8     | —     | 7     | 3     | 7     | 2     | 6     | 13    | 5     | 11    |
| 3. The number of cases notified within one month of death (excluding above)        | 26    | 29    | 20    | 21    | 23    | 18    | 30    | 25    | 17    | 32    | 18    | 16    | 21    | 17    | 21    | 11    |
| 4. The number of cases notified within three months of death (excluding above)     | 28    | 29    | 20    | 18    | 20    | 13    | 20    | 23    | 13    | 18    | 21    | 14    | 17    | 17    | 9     | 8     |
| 5. The number of cases notified within six months of death (excluding above) .. .. | 16    | 9     | 16    | 13    | 16    | 18    | 12    | 18    | 9     | 8     | 9     | 11    | 15    | 16    | 11    | 11    |



The following table has been prepared, giving particulars of new cases of tuberculosis and of deaths from tuberculosis during 1935 :—

| Age Periods.   | NEW CASES.  |    |                 |    | DEATHS.     |    |                 |    |
|----------------|-------------|----|-----------------|----|-------------|----|-----------------|----|
|                | Respiratory |    | Non-Respiratory |    | Respiratory |    | Non-Respiratory |    |
|                | M.          | F. | M.              | F. | M.          | F. | M.              | F. |
| 0 ...          | —           | —  | —               | —  | —           | —  | —               | —  |
| 1 ...          | —           | —  | 1               | —  | —           | —  | 2               | —  |
| 5 ...          | —           | 2  | 7               | 5  | —           | —  | 1               | 1  |
| 15 ...         | 21          | 29 | 6               | 4  | 12          | 20 | 2               | 2  |
| 25 ...         | 41          | 35 | 3               | 4  | 24          | 21 | 1               | —  |
| 45 ...         | 28          | 9  | —               | —  | 24          | 7  | —               | —  |
| 65 and upwards | 4           | 1  | —               | —  | 2           | —  | —               | —  |
| TOTALS ...     | 94          | 76 | 17              | 14 | 62          | 48 | 6               | 3  |

The ratio of non-notified tuberculous deaths to the total tuberculous deaths is 1 to 10.

The following table indicates the reduction in the number of cases and deaths from Tuberculosis and the efforts made throughout the country are clearly reflected thereby :—

| Year. | No. of Cases notified. |                |        | No. of Deaths. | No. of Cases on Dispensary Register. | No. of Cases on Register of Notifications. |
|-------|------------------------|----------------|--------|----------------|--------------------------------------|--|
|       | Pulmonary.             | Non-Pulmonary. | Total. |                |                                      |  |
| 1916  | 283                    | 57             | 340    | 210            | —                                    | —  |
| 1917  | 335                    | 82             | 417    | 230            | —                                    | —  |
| 1918  | 330                    | 44             | 374    | 230            | —                                    | —  |
| 1919  | 313                    | 52             | 365    | 170            | —                                    | —  |
| 1920  | 284                    | 75             | 359    | 157            | —                                    | —  |
| 1921  | 260                    | 51             | 311    | 173            | —                                    | —  |
| 1922  | 246                    | 49             | 295    | 162            | —                                    | —  |
| 1923  | 211                    | 63             | 274    | 145            | —                                    | —  |
| 1924  | 200                    | 56             | 256    | 170            | —                                    | 1,426                                      |
| 1925  | 220                    | 45             | 265    | 138            | —                                    | 1,280                                      |
| 1926  | 210                    | 68             | 278    | 142            | 824                                  | 1,302                                      |
| 1927  | 226                    | 53             | 279    | 182            | 686                                  | 1,289                                      |
| 1928  | 205                    | 56             | 261    | 135            | 744                                  | 1,308                                      |
| 1929  | 217                    | 63             | 280    | 149            | 818                                  | 1,334                                      |
| 1930  | 196                    | 54             | 250    | 153            | 803                                  | 1,293                                      |
| 1931  | 183                    | 56             | 239    | 127            | 905                                  | 1,198                                      |
| 1932  | 183                    | 45             | 228    | 156            | 763                                  | 1,128                                      |
| 1933  | 185                    | 31             | 216    | 150            | 749                                  | 1,056                                      |
| 1934  | 184                    | 31             | 215    | 124            | 715                                  | 1,070                                      |
| 1935  | 170                    | 31             | 201    | 119            | 759                                  | 1,059                                      |

Average number of cases notified for the 10 years 1916-1925  
(inclusive) = 326.

Average number of cases notified for the 10 years 1926-1935  
(inclusive) = 245.

Average number of deaths for the 10 years 1916-1925  
(inclusive) = 178.

Average number of deaths for the 10 years 1926-1935  
(inclusive) = 144.

### **Public Health (Prevention of Tuberculosis) Regulations, 1925.**

It was not found necessary to take action under these regulations during the year under review.

### **Tuberculosis Dispensary.**

I submit a report on the work carried out at the Tuberculosis Dispensary during the year under review.

Sessions have been held regularly at the Dispensary for the examination and treatment of patients at the following times :—

|                       |     |  |
|-----------------------|-----|--|
| Mondays, 10.30 a.m.   | ... | Women and Children.                    |
| Tuesdays, 5.30 p.m.   | ... | Men and Women (Workers only).          |
| Wednesdays, 2.30 p.m. | ... | Artificial Pneumothorax refill clinic. |
| Thursdays, 5.30 p.m.  | ... | Men and Women (Workers only).          |
| Fridays, 10.30 a.m.   | ... | Men, Women and Children.               |
| Saturdays, 10 a.m.    | ... | School Children.                       |

New Patients may attend at any of the Sessions.

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HAMMERSMITH HOSPITAL.  
Thursdays, 3 p.m.      X-Ray Clinic.

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Special appointments are held daily to suit the convenience of those who cannot attend at the stated hours and in cases where the consultation is likely to be a lengthy one.

On 1st January, 1935, the number of patients on the Dispensary Register was 759.

During the year 64 definite cases of the disease were transferred from other areas into the Hammersmith district and 64 moved out of this district or were lost sight of. Twenty-nine were written off the register as being cured cases who had previously been notified as suffering from tuberculosis.

#### NEW PATIENTS.

During the year 869 persons attended for examination for the first time, 407 males and 462 females. Of these, 295 were under the age of fifteen and 574 were adults.

Of the total 212 were referred to the Dispensary by local practitioners for the purpose of consultation and 478 were "contacts" of persons suffering from Tuberculosis.

Patients attend the dispensary on the recommendation of other patients, at the request of various voluntary societies, after discharge from hospitals and sanatoria, on the advice of general practitioners practising in the Borough or on their own initiative.

## DIAGNOSIS.

|   |     |
|---|-----|
| Found to have Pulmonary Tuberculosis ...  | 148 |
| Found to have other forms of Tuberculosis | 23  |
| Showing no evidence of Tuberculosis ...   | 698 |

## TOTAL ATTENDANCES AND EXAMINATIONS.

The total attendances of persons for the purpose of examination, observation or treatment, numbered 2,439 and physical examinations were carried out in 2,338 instances, *i.e.*, in 96 per cent. of the total attendances. The names of 696 persons were written off the register as being non-tuberculous, and the total number on the Dispensary Register on 31st December, 1935, was 805.

## SPUTUM EXAMINATIONS.

Five hundred and twenty specimens of sputum and other pathological products were examined bacteriologically. Seventy-one showed the presence of Tubercle Bacilli, while 449 proved negative.

## INSTITUTIONAL TREATMENT.

The admission of patients into Institutions (Sanatoria, Tuberculosis Colonies, Hospitals and Homes), under the London County Council's Scheme, numbered 234.

Others have entered Convalescent Homes through the following agencies :—The local Children's Aid Association, the local Charity Organisation Society, and the local branch of the United Services Fund.

## CLINICAL REPORTS.

|  |     |
|--|-----|
| To the London County Council, numbered     | 582 |
| To the Ministry of Pensions ... ..         | 8   |
| To General Practitioners and Hospitals ... | 952 |

## HOME VISITATION.

The Tuberculosis Officer made 212 visits to homes of patients for the purpose of examination, and investigation of the home conditions. In addition he met local practitioners in consultation at the homes of patients on 88 occasions.

The Nurses visit the tuberculosis population on notification and thereafter as far as possible at intervals of six months or less, as may appear advisable. During the year 3,719 such visits were made.

In addition to the ordinary health visits paid by them, the Dispensary Nurses submit reports to the London County Council on the home conditions of patients recommended for Institutional Treatment.

RETURN showing the work of the Dispensary during the year 1935.

| Diagnosis   | Pulmonary |     |          |    | Non-pulmonary |    |          |    | Total  |     |          |     | Grand Total |
|---|-----------|-----|----------|----|---------------|----|----------|----|--------|-----|----------|-----|-------------|
|   | Adults    |     | Childr'n |    | Adults        |    | Childr'n |    | Adults |     | Childr'n |     |             |
|   | M.        | F.  | M.       | F. | M.            | F. | M.       | F. | M.     | F.  | M.       | F.  |             |
| A.—NEW CASES examined during the year (excluding contacts):—  |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (a) Definitely tuberculous ..   | 73        | 53  | —        | —  | 6             | 9  | 1        | 5  | 79     | 62  | 1        | 5   | 147         |
| (b) Diagnosis not completed ..  | —         | —   | —        | —  | —             | —  | —        | —  | 2      | 1   | —        | —   | 3           |
| (c) Non-tuberculous .. ..   | —         | —   | —        | —  | —             | —  | —        | —  | 81     | 93  | 40       | 27  | 241         |
| B.—CONTACTS examined during the year:—  |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (a) Definitely tuberculous ..   | 8         | 13  | 1        | —  | —             | —  | 2        | —  | 8      | 13  | 3        | —   | 24          |
| (b) Diagnosis not completed ..  | —         | —   | —        | —  | —             | —  | —        | —  | —      | —   | —        | —   | —           |
| (c) Non-tuberculous .. ..   | —         | —   | —        | —  | —             | —  | —        | —  | 83     | 152 | 110      | 109 | 454         |
| C.—CASES written off the Dispensary Register as:—   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (a) Recovered .. ..   | 11        | 8   | —        | 4  | 1             | 1  | 3        | 1  | 12     | 9   | 3        | 5   | 29          |
| (b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous) .. ..           | —         | —   | —        | —  | —             | —  | —        | —  | 164    | 245 | 150      | 137 | 696         |
| D.—NUMBER OF CASES on Dispensary Register on December 31st:—  |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (a) Definitely tuberculous ..   | 321       | 232 | 12       | 16 | 52            | 70 | 46       | 53 | 373    | 302 | 58       | 69  | 802         |
| (b) Diagnosis not completed ..  | —         | —   | —        | —  | —             | —  | —        | —  | 2      | 1   | —        | —   | 3           |
| 1. Number of cases on Dispensary Register on January 1st .. 759   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years .. 64                   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases "lost sight of" .. .. 64 |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 4. Cases written off during the year as Dead (all causes) .. .. 98  |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 5. Number of attendances at the Dispensary (including contacts) .. .. 2,439   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 6. Number of Insured Persons under Domiciliary Treatment on the 31st December 343   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 7. Number of consultations with medical practitioners:—   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (a) Personal .. .. 212  |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (b) Other .. .. 566   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 8. Number of visits by Tuberculosis Officers to homes (including personal consultations) .. 300   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 9. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes .. .. 3,719   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 10. Number of:—   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (a) Specimens of sputum, &c., examined .. .. 520  |           |     |          |    |               |    |          |    |        |     |          |     |             |
| (b) X-ray examinations made, in connection with dispensary work .. .. 211   |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 11. Number of "Recovered" cases restored to Dispensary Register, and included in A (a) and A (b) above .. .. Nil                          |           |     |          |    |               |    |          |    |        |     |          |     |             |
| 12. Number of "T.B. plus" cases on Dispensary Register on December 31st .. .. 379   |           |     |          |    |               |    |          |    |        |     |          |     |             |







### **Tuberculosis Care Committee.**

This Committee is formed of representatives of the following bodies : the Borough Council, the London County Council, the local Public Assistance Committee, the Red Cross Society, the District Nursing Association, the Charity Organisation Society, the Invalid Children's Aid Association, the London Insurance Committee and the Local Medical Practitioners.

The Committee met on 12 occasions during the year.

The London County Council are now providing free clothing, dental treatment and spectacles to suitable cases undergoing sanatorium treatment.

A Sale of Christmas Seals was organised for the first time by the members of the Tuberculosis Care Committee under the auspices of the National Association for the Prevention of Tuberculosis. The Sale proved a great success, £126 17s. 7d. was collected with a net result of £97 8s. 0d. This is known as the Tuberculosis After-Care Committee Fund " and is used to assist suitable patients in matters not provided for under other schemes.

Extra nourishment is provided by the Borough Council to patients before entering institutions and on discharge. This grant is made by the Borough Council under the Public Health (Prevention and Treatment of Disease) Act, 1913. The suitability of the patients for participating in this grant rests with the Tuberculosis Officer after consideration of the clinical and social features of the case.

During the year two hundred and forty-one applications for residential treatment were submitted to the London County Council. Particulars of the financial position of the family are taken in each case so that suitable help can be rendered to necessitous cases.

Eighty-two cases were referred for assistance to the following agencies:—

|                                       |     |     |    |
|---------------------------------------|-----|-----|----|
| Invalid Children's Aid Association    | ... | ... | 3  |
| Charity Organisation Society          | ... | ... | 1  |
| Unemployment Assistance Board         | ... | ... | 4  |
| School Care Committee                 | ... | ... | 10 |
| Public Assistance Committee           | ... | ... | 44 |
| Mayor's Fund                          | ... | ... | 2  |
| United Services Fund                  | ... | ... | 12 |
| South Street Mission                  | ... | ... | 1  |
| Metropolitan Society for the Blind... | ... | ... | 1  |
| Jewish Board of Guardians...          | ... | ... | 1  |
| Welfare Centre                        | ... | ... | 2  |
| Friends of the Poor                   | ... | ... | 1  |

In addition, clothing was supplied to six patients from the Dispensary sources.

The staff consists of the Tuberculosis Officer, Dr. G. I. Davies, two Nurses, Dispenser-Secretary and Junior Clerk.

### Nursing Comforts.

The Hammersmith Borough Council has set aside an annual grant of £15, for the use of the Tuberculosis Care Committee, in supplying nursing comforts and appliances to necessitous cases, in pre- and post-sanatorium stages. These comforts and appliances are given out to patients on loan, and returned to the Dispensary after use, for disinfection and further distribution.

The articles consist of rubber ring cushions, bed rests, aluminium and rubber hot-water bottles, air cushions and bed pans, &c.

These articles are supplied on loan, to any tuberculous patient brought to our notice through the usual sources, and in this respect the co-operation of the Borough Medical Practitioners, Hospitals and other Associations is requested.

Home nursing is provided by the District Nursing Association.

The following Table shows the number of articles owned by the Borough Council as Nursing Comforts, and also the number of patients who have been granted the use of these articles.

#### NURSING COMFORTS.

| Articles.                              | Quantity owned by the Borough Council. | Number of Patients to whom Loaned. | Number still on Loan. |
|--|--|------------------------------------|-----------------------|
| Bed Rests . . . . .                    | 10                                     | 13                                 | 4                     |
| Rubber Rings . . . . .                 | 3                                      | 3                                  | —                     |
| Air Rings . . . . .                    | 6                                      | 11                                 | 4                     |
| Rubber Hot-Water Bottles . . . . .     | 15                                     | 6                                  | 10                    |
| Bed Pans . . . . .                     | 6                                      | 8                                  | 3                     |
| Ice Bags . . . . .                     | 4                                      | 2                                  | —                     |
| Air or Water Bed... . . . .            | 2                                      | —                                  | —                     |
| Inhalers . . . . .                     | 20                                     | 7                                  | —                     |
| Air Cushion . . . . .                  | 1                                      | —                                  | —                     |
| Aluminium Hot-Water Bottles . . . . .  | 3                                      | 3                                  | 3                     |
| Bronchitis Kettles . . . . .           | 6                                      | —                                  | —                     |
| Feeding Caps . . . . .                 | 6                                      | 1                                  | 1                     |
| Bed Sheets... . . . .                  | 2                                      | —                                  | —                     |
| Water or Air Cushions . . . . .        | 3                                      | 1                                  | —                     |
| Canop Bed . . . . .                    | 1                                      | —                                  | —                     |
| Iron Bedsteads with Mattress . . . . . | 3                                      | 1                                  | 1                     |
| Urinals . . . . .                      | 5                                      | 3                                  | 1                     |
| Invalid Chairs . . . . .               | 2                                      | 1                                  | 1                     |

#### REPAIRS TO SURGICAL APPLIANCES.

During the year two repairs were carried out to surgical appliances for necessitous patients.

These repairs were arranged by the Dispensary and financial assistance was given from the Nursing Comforts Fund at the recommendation of the Tuberculosis After-Care Committee.

In some cases the patients were able to pay for these necessary alterations themselves, but were advised by the Tuberculosis Officer and arrangements made by him to the manufacturers as to the special requirements. Other cases or those requiring new appliances were referred to one of the voluntary associations.

### **Report on Tuberculosis Work at the Hospital.**

All Tuberculosis cases are now treated at St. Charles Hospital in the Borough of Kensington.

Two wards, G.3 and H.3, have been allocated for the reception of male cases and Ward B.3 for female cases. These wards are used for Hammersmith patients and for those recommended from other Metropolitan Boroughs.

It is a regrettable fact that no hospital beds are available in the Borough of Hammersmith for Tuberculous patients, as more cases would accept hospital treatment if provided in their own Borough.

Weekly visits are made to the Hospital by the Borough Tuberculosis Officer in the capacity of Consultant Physician for tuberculosis, and all doubtful chest cases are seen by him.

In this way co-operation between the Hospital and the Dispensary is established, and found to be valuable to both institutions.

Specialised treatment, such as artificial pneumothorax, gas replacements, phrenic evulsion and sanocrysin, is carried out on suitable pulmonary cases, whilst plaster work and orthopædic corrections form part of the routine of suitable surgical cases.

In carrying out the specialised treatment an attempt is therefore being made to raise the classification of the patients to the pre-sanatorium stage, and various recommendations to sanatoria are made from time to time.

Cases of surgical tuberculosis and non-tuberculous chest diseases are admitted to suitable hospitals.

Admissions to Brompton and other special hospitals for diagnosis and treatment are arranged through the London County Council.

Children found to be suffering with tonsils and adenoids, bad dental conditions, and minor ailments are reported to the District Organiser of the London County Council, who arranges for the attendance of the children at the School Clinic for treatment.

Certain medical practitioners send reports to the Tuberculosis Officer on patients under domiciliary treatment at three-monthly intervals.

The majority fail to do so, but in these cases no difficulty has been experienced in securing the attendance at the Dispensary of the patients themselves for examination purposes.

### **X-Ray Work.**

Dispensary cases requiring further investigation are referred to the X-ray department of the London County Council Hospital at Du Cane Road, W.12.

Films of the chest and other regions are taken, and delivered to the Dispensary to be filed as permanent records of the respective cases.

This scheme has proved a great saving in time to both the dispensary staff and the patient, whilst the interval between attendance and active treatment is greatly reduced.

The total number of X-rays and reports made by the Tuberculosis Officer for the year was 211.

### **Artificial Pneumothorax Treatment.**

All Borough cases in need of the continuation of this treatment are dealt with at a special refill clinic at the Dispensary on Wednesday afternoons. Workers unable to attend the afternoon session are dealt with at the evening clinic on Tuesdays at 7 p.m.

Close co-operation exists between the London County Council sanatoria and the dispensary, and full details of previous refills are sent by the medical superintendents to the dispensary.

The number of cases in the Borough now receiving this form of treatment is 15.

The total number of refills performed by the Tuberculosis Officer in the dispensary for the year 1935 was 212.

The success of this clinic is now well established, and all future cases referred from institutions will be dealt with at the dispensary.

X-ray control is carried out at the Hammersmith Hospital.

#### **“ Sanocrysin Treatment.”**

Injections for sanocrysin, and the allied gold salts, are carried out at the Dispensary, either on the recommendation for continuation of treatment by Medical Superintendents of Sanatoria, or when the Tuberculosis Officer considers such treatment to be indicated for dispensary patients.

Fifty-four sanocrysin injections were made during the year.

### **PREVENTION OF BLINDNESS.**

#### **Blind Persons Act, 1920.**

It was not found necessary to refer any case of blindness to the London County Council under the scheme for the education and training of the blind.

### **SANITARY ADMINISTRATION.**

**Staff.**—There are nine male Sanitary Inspectors and one lady Sanitary Inspector.

Eight of the male Inspectors are employed as District Inspectors, being responsible for all matters excepting the taking of samples under the Sale of Food and Drugs Acts and the inspection of Ice Cream Vendors, for which the Special Inspector is responsible. The Special Inspector also inspects the Markets.

The Lady Inspector carries out the duties in relation to Infant Life Protection, inspects Factories, &c., where females are employed, and makes enquiries into cases of measles, whooping cough, chicken pox, &c.

**Increase of Rent and Mortgage Interest Restrictions Act, 1920-1933.**—During the year twenty-four applications were received for certificates under the above Act. In twenty-three cases the certificates were granted.

Nine certificates were granted to owners who had carried out the work specified satisfactorily.

## **EXHUMATION AND RE-INTERMENT OF BODIES.**

### **St. Mary's Catholic Cemetery, Harrow Road.**

During the year licences were granted by the Secretary of State for the exhumation and removal of the bodies of seven persons from the catacombs or graves in St. Mary's Cemetery.

One body was removed to the churchyard at Winkfield for re-interment, and six bodies were re-interred in St. Mary's Cemetery, Kensal Green.

The following conditions were attached to the licences:—

- (1) That the removal be effected with due care and attention to decency early in the morning.
- (2) That freshly made ground lime be freely sprinkled over the coffin, the soil, or any matter that may be offensive, and in the case of the body removed to Winkfield—the remains be conveyed to the churchyard and be there re-interred, provided that if any of the wooden shells in which the coffins are contained shall be found to be decayed the coffin shall be placed in a new wooden shell prior to removal.

The work of removal and re-interment was carried out in accordance with the conditions and under the supervision of the Sanitary Inspector on my behalf.

## **PUBLIC BATHS.**

The Public Swimming Baths in Lime Grove and the Open-air Swimming Bath in Bloemfontein Road, are provided with aeration and filtration plants, whereby the water is continuously filtered, aerated and chlorinated.

The water is pumped from a point at the deepest part of the Baths, passed under pressure to gravel filters, then

into a chamber or tank where it is aerated, and afterwards chlorinated before returning to the Baths.

Samples of water were periodically submitted for bacteriological examination and found to be of a high standard.

### **PUBLIC WASH-HOUSES.**

The public wash-houses in Scotts Road form part of the building comprising the indoor Swimming Baths, Lime Grove.

These wash-houses are very well patronised, and provide a means of clothes-washing for many families living in tenement houses without washing accommodation.

They are open ordinary week-days from 8 a.m. to 8 p.m., except Saturdays, when they are available from 8 a.m. to 3 p.m.

### **PROPAGANDA.**

During the year "Better Health," a monthly Health Journal, published under the auspices of the Society of Medical Officers of Health, was distributed.

One thousand copies of this Journal being distributed monthly to the Schools and Infant Welfare Centres.

The Journal is welcomed by the School Teachers as a great help in the teaching of Hygiene.

Booklet—"Family Meals and Catering."—This booklet is issued by the British Medical Association and contains information as to the vitamins in various dishes and on the preparation and cooking of meals containing full nourishing values.

The Council, on the recommendation of the Maternity and Child Welfare Committee, decided to distribute copies of the booklet to all mothers attending the Infant Welfare Centres and Ante-natal Clinics.

### **SHOPS ACT, 1934.**

This Act contains provisions for (1) regulating the hours of employment of persons under the age of 18 years



employed about the business of a shop, and (ii) securing improved arrangements for the health and comfort of shop workers generally. The Act came into operation on the 30th December, 1934.

The provisions relating to the hours of employment are to be administered by the local authorities under the Shops Act, and by the local authorities responsible for the regulation of street trading (*i.e.*, in both instances in London, the London County Council). As regards the arrangements for the health and comfort of any workers generally, while the enforcement of the provisions as to lighting of shops, washing facilities and facilities for meals, rests with the Shops Act authorities, the provisions as to ventilation and temperature of shops and as to sanitary conveniences in shops are to be administered by the sanitary authorities (*i.e.*, in London, the Metropolitan City and Borough Councils).

The Act applies to three classes of premises : retail shops, wholesale shops and warehouses.

**Ventilation and Temperature.**—It is provided by Section 10 that in every part of a shop in which persons are employed about the business of a shop—

- (i) There must be provided suitable and sufficient means of ventilation and sufficient ventilation must be maintained.
- (ii) There must be provided suitable and sufficient means to maintain a reasonable temperature and a reasonable temperature must be maintained.

“ Employment about the business of a shop ” is a very wide term and includes any employment in the service of an occupier which is ancillary to the business carried on in the shop, *e.g.*, cleaning and maintenance work.

**Sanitary Conveniences.**—Section 10 (2) of the Act provides that in every shop, unless it is specifically exempted, there must be provided and maintained suitable and sufficient sanitary conveniences. These conveniences have to be available for the use of persons employed “ in or

about the shop." This is intended to cover employment in the shop itself and in the immediate vicinity. Sanitary conveniences must be provided *in the shop* unless a certificate of exemption is granted by the local authority, *i.e.*, the Borough Council. Such certificate may be granted only where the authority are satisfied that by reason of restricted accommodation or other special circumstances affecting the shop, it is reasonable that such certificate should be in force, and that suitable and sufficient sanitary conveniences are otherwise conveniently available. If the local authority ceases to be satisfied that the necessary conditions are fulfilled, they must withdraw the certificate, but it is provided that an occupier may appeal to the County Court against the withdrawal.

In the event of failure to comply with the provisions above mentioned, the authority must serve notice upon the owner or occupier requiring him to carry out such work as may be necessary within a specified time in default of which summary proceedings may be taken against him.

**Enforcement.**—For the purposes of the enforcement of the provisions for which sanitary authorities are responsible, Sanitary Inspectors of the Borough Council have the power of entry and inspection conferred by Section 119 of the Factory and Workshop Act, 1901.

Although Shops Act authorities are not responsible for the provisions of the Act relating to ventilation, temperature and sanitary conveniences in shops, it is nevertheless the duty of Shops Act Inspectors (L.C.C. officers) to take a note of and, if necessary, to report to the sanitary authority any contravention of these provisions, and for that purpose the Shops Inspectors have the power of entry and inspection referred to above.

During the year ninety-one shops were inspected. Thirty notices were served requiring the provision of water closet accommodation, forty-one notices were served requiring the provision of suitable and sufficient means to

maintain a reasonable temperature and eight notices were served relating to the provision of suitable and sufficient means of ventilation.

In twenty-four cases the Council granted a certificate of exemption where satisfactory arrangements had been made for the shop assistants to use conveniences in the same building or elsewhere in the immediate vicinity.

**Public Mortuary.**—Three hundred and seventy-seven bodies were admitted to the Mortuary in Fulham Palace Road during the year.

*Hammersmith*—

|  |     |     |     |     |       |
|--|-----|-----|-----|-----|-------|
| Admitted by order of Coroner                             | ... | ... | ... | ... | 136   |
| Admitted by order of Police                              | ... | ... | ... | ... | 19    |
| Admitted on application of undertakers for accommodation | ... | ... | ... | ... | 37    |
|  |     |     |     |     | — 192 |

Bodies admitted from other Boroughs :—

|         |     |     |     |     |       |
|---------|-----|-----|-----|-----|-------|
| Fulham  | ... | ... | ... | ... | 74    |
| Chelsea | ... | ... | ... | ... | 111   |
|         |     |     |     |     | — 185 |

No. of P.-M. examinations conducted :—

|                   |     |     |     |     |     |
|-------------------|-----|-----|-----|-----|-----|
| Hammersmith cases | ... | ... | ... | ... | 109 |
| Fulham cases      | ... | ... | ... | ... | 43  |
| Chelsea cases     | ... | ... | ... | ... | 63  |
|                   |     |     |     |     | —   |
| Total P.M.'s      | ... | ... | ... | ... | 215 |
|                   |     |     |     |     | —   |

No. of Inquests held :—

|                     |     |     |     |     |     |
|---------------------|-----|-----|-----|-----|-----|
| Hammersmith cases   | ... | ... | ... | ... | 112 |
| Fulham cases        | ... | ... | ... | ... | 55  |
| Chelsea cases       | ... | ... | ... | ... | 94  |
|                     |     |     |     |     | —   |
| Total Inquests held | ... | ... | ... | ... | 261 |
|                     |     |     |     |     | —   |

The installation of a refrigeration plant for the purpose of arresting decomposition of the bodies has proved very successful.





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