

**[Report of the Medical Officer of Health for Croydon].**

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County Borough of Croydon.

ANNUAL REPORT



SCHOOL MEDICAL OFFICER

For the Year 1945.

OSCAR M. HOLDEN, G.M., M.D., D.P.H.

# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

AND

## SCHOOL MEDICAL SERVICE

For the Year 1945

OSCAR M. HOLDEN, G.M., M.D., D.P.H.

CROYDON:

PRINTED BY THE CROYDON TIMES, LTD., 104, HIGH STREET

Admitted June

# County Borough of Groydon

Samples and the

No. Sample

1784 Cane Mixture

1794 Cane Mixture

2207 Cane Mixture

2034 Curry Powder

2003 Vegetable Fat  
and Mixture



## ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

AND

## SCHOOL MEDICAL SERVICE

1941-1942

(January)

1942

(January)

1941-1942

(January)

OSCAR M. HOLDEN, C.M., D.P.H.

(January)

1942

(January)

GROYDON

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**COUNTY BOROUGH OF CROYDON.****ANNUAL REPORT**

OF THE

**MEDICAL OFFICER OF HEALTH**

AND

**SCHOOL MEDICAL OFFICER****For the Year 1945.****OSCAR M. HOLDEN, G.M., M.D., D.P.H.**

*To the Chairman and Members of the  
Public Health Committee.*

LADIES AND GENTLEMEN,

I have the honour herewith to present my Eighteenth Annual Report upon the Health Services carried out by the Council. This report is the 46th of the series of such reports.

The population of the town, as estimated by the Registrar-General, is 200,780.

During the year 4,536 persons were married, a marriage rate of 11.3 per 1,000 of the population.

The Birth-rate for the year was 17.8 per 1,000, a decrease of 1.0 per 1,000 over 1944. There were 3,575 live births, of whom 1,849 were males and 1,726 females. Of these approximately 4.6 per cent. were born in hospital. There were 387 illegitimate births, a percentage of 10.8 total live births.

The still-births registered during the year were 100 as compared with 97 in 1944.

The Infantile mortality was 41 per 1,000 live births, a decrease of 3 per 1,000 upon 1944. There were 9 maternal deaths, giving a maternal mortality of 2.4 per 1,000 total live and still births. The number of deaths under 1 year of illegitimate children was 18.

Full statistics are given of the work done at Mayday Hospital which show that its activities have continued to expand and that it had assumed the definite status of a large general hospital.



ii.

The major causes of death among the population were: Organic Heart Disease (2.61 per 1,000 of the population), Cancer (2.34), Diseases of the Respiratory System (including Tuberculosis) (1.77), Diseases of the Digestive System (0.59), and deaths due to violence of various kinds, including suicide (0.51).

There was a small decrease in the number of deaths from Tuberculosis, but a considerable increase in those attributed to Cancer.

Notifiable Infectious Diseases remained low in incidence, and there were only 11 deaths from this group of conditions. Of these, 6 were due to Measles, 2 to Diphtheria, both of whom were non-immunised patients, and 3 from Whooping Cough.

A feature, noticed in 1944, namely, the increased incidence of skin affections, which was not necessarily associated with dirt or overcrowding, was again observed in 1945. During the year 405 appointments were made for families to attend the Cleansing Station for Scabies treatment, comprising 1,168 individuals. Of these, 356 families, comprising 979 individuals, actually attended and were treated. The occurrence of small sores at the corners of the mouth, particularly among children of middle school age, noticed in 1944, was again present during the year. These sores were seen in children who exhibited, also, other signs of nutritional deficiency.

There were 29 cases of Clinical Diphtheria and 17 of positive of nose or throat swabs without clinical symptoms, during the year, and of these 12 were stated to have been immunised. In a number of these it was found that the Post Schick Test had been omitted, with the consequence that there had been no check upon the effectiveness of the immunising injections. It is only right to say that many of the children had received immunisation injections during their evacuation from Croydon.

The number of children under 15 years who completed the full course of diphtheria immunisation during the year was 2,707 and 272 received their first injection.

403 notifications of Scarlet Fever, 2,245 notifications of Measles, and 368 notifications of Whooping Cough were received. These figures showed a small increase in notifications of Scarlet Fever, a decrease in notifications of Whooping Cough, and a very substantial increase in notifications of Measles. This latter condition exhibited its characteristic 2-year phase, 1944 was a low year, 1945 a high year.



The scheme for the diagnosis and treatment of Venereal Diseases has functioned on the same lines, and particulars are herewith given of the working of Regulation 33 B. It has not proved to be of much value as a preventive measure, as the particulars obtained are often too vague to enable the alleged source of infection to be followed up. Where accurate information has been given, the person named has, upon receipt of the confidential letter from the Medical Officer of Health, usually obtained treatment. It is curious that in the vast majority of cases men inform upon women.

The following figures give a summary of the results under the Regulation during 1945 :—

*Contacts* notified to the Medical Officer of Health during the period 1st January, 1945 — 31st December, 1945 :

|  | M. | F. |
|--|----|----|
| (1) (a) Total number in respect of whom Form 1 was received ... ..   | —  | 43 |
| (b) Number in (a) transferred from other areas ... ..  | —  | 2  |
| (2) Number of cases in (1) in which attempts were made outside the scope of the Regulation to persuade the contact to be examined before the latter had been named on a second Form 1— |    |    |
| Contacts found ... ..  | —  | 19 |
| ,, examined ... ..   | —  | 18 |
| (3) (a) Number of those in (1) in respect of whom two or more Forms 1 were received ... ..   | —  | 3  |
| (b) Number in 3 (a) in respect of whom first Form 1 was previously reported under (1) ... ..   | —  | 2  |
| (c) Number in 3 (a) transferred from other areas ... ..  | —  | 1  |
| (4) Number of those in 3 (a) who were—   |    |    |
| (a) found ... ..   | —  | 2  |
| (b) examined after persuasion ... ..   | —  | —  |
| (c) served with Form 2 ... ..  | —  | 2  |
| (d) examined after service of Form 2... ..   | —  | 2  |



## (e) prosecuted for failure

(i) to attend for, and submit to,  
medical examination ... — —(ii) to submit to and continue treat-  
ment ... — —

With the demobilisation of large numbers of persons from the Forces, the new attendances at the Clinic have shown a marked increase for both men and women, the number of the latter being the highest recorded. The apparent great increase in venereal disease which these figures might suggest is, however, not an actual increase, as the figures are swollen by patients (671) who were found on examination not to be suffering from venereal disease. This is an encouraging sign of the value of the National Press propaganda which the Ministry of Health has been carrying out.

Cancer shows another increase in incidence, the most usual sites of the body attacked being: For males—the bowels (30 per cent.), the lungs (19.6 per cent.), and the stomach (17.7 per cent.), and for women—the bowels (24.0 per cent.), the breast (18.0 per cent.), and the uterus (15.6 per cent.). Among these figures the high rate of attack upon the lungs is significant and cannot be dissociated from certain manufacturing processes which worked at high pressure during the war years.

Tuberculosis showed a small incidence rate increase from 1.66 to 1.86 per 1,000 of the population, including pulmonary and non-pulmonary forms, but the death-rate declined, namely, from all forms of Tuberculosis 0.46 per 1,000 population as compared with 0.57 in 1944, and for Pulmonary Tuberculosis from 0.51 in 1944 to 0.37 in 1945.

Mass Radiography was carried out during the year. The Unit conducted by the Surrey County Council paid 2 visits and 7,551 persons submitted to examination; of these 654 were referred for further and more detailed investigation, and 255 were ultimately found to have Tuberculosis, of which number 187 had healed primary or post-primary lesions. It should, however, be remembered that Mass Radiography is not only of value in detecting Tuberculosis of the lungs; through its medium other pathological lung conditions can be diagnosed, and it is also of value in the detection of certain forms of heart abnormalities or disease.

Details are given (pp. 72 and 73) of the administration of the Ministry of Health's Tuberculosis Maintenance Allowances (Memo 266/7) and of the local extension of this scheme, the cost of which falls entirely upon the Council.



The Maternity and Child Welfare Scheme which, in its present form was evolved in 1933 and included in which are the ante-natal clinics, maternity provision in hospitals and by municipal midwives in the patients' own homes, post-natal and gynæcological clinics, Infant Welfare Centres, Home Helps and other ancillary activities, may without fear of contradiction be said to be one of the most complete in the country. Unfortunately, the National Health Services Act will, so far as can be judged, cause a serious disruption of the existing continuity of these services, in as much as part of these will remain with the Council, part will come under the Regional Hospital Boards, and part under the committee administering the general practitioner services. Representations were made by the Public Health Committee to the Minister of Health, but no observable change was made in the provisions originally laid down in the Bill.

Great strain has been laid upon this section of the work owing to much increased demands due to the return of young mothers to the town, and a pronounced increase in the birth-rate. In consequence, the premises used for the ante-natal clinics at Lodge Road are quite inadequate in size and amenities; also, the number of maternity beds is insufficient to obviate undesirable overcrowding, and applicants for admission to hospital for their confinements have to be rigidly restricted to certain classes of cases in whom complications might arise during labour, or who have no facilities whatever for a home confinement. A further complicating factor is the difficult housing position in the town, which naturally impels women to seek to have their confinement away from their homes.

A total of 1,684 mothers had their confinements in Mayday Hospital or St. Mary's Hospital; 22,663 attendances were made by expectant mothers to the ante-natal clinics, and 1,015 mothers were delivered at home by the municipal midwives. In 1945 the Council's Obstetric Service dealt with 2,840 out of the 3,575 births which were recorded in Croydon, *i.e.*, nearly 80 per cent.

The Ambulance Service, now in its fourth year under the Public Health Committee administration, had a busy year. There were 6,399 calls as compared with 4,736 in 1944. This was due principally to an increase in the number of accident calls, private removals, and public health department needs. A detailed analysis of the kinds of accidents is given and comparison made with 1944 (pp. 36 and 37). A disquieting feature is the increase in the number of accidents to children, from 231 in 1944 to 436 in 1945. Accidents to children in the streets were more than double those in 1944.



Housing conditions in the town still remain unsatisfactory. There is a great dearth of accommodation, and it has not been practicable to take any action under the Public Health or Housing Acts other than the enforcement of urgent work to make premises habitable and to remedy serious nuisances.

This does not mean that a close watch has not been kept upon housing conditions. The fact that 8,566 houses were inspected for housing defects, as compared with 1,320 in 1944, is evidence of this. Of these 8,141 were found to be not in all respects fit for human habitation. 3,904 unfit houses were rendered fit in consequence of informal action by the Local Authority.

Close attention has been paid by the Sanitary Inspectors to the quality of Food Supplies, and to the premises from which food for human consumption is sold, including catering establishments. Especial watch has been kept upon the chemical and especially the bacteriological purity of milk supplies. There has been a decline in the bacteriological standard of pasteurised milk, which has been disappointing, but which is probably due to deterioration of pasteurising plants during the war years and the impossibility of obtaining renewals or new apparatus. Ice cream has also come under close review since its manufacture again was permitted. Possibly owing to circumstances arising out of six years of war, neither the quality nor the cleanliness of this article of food is up to pre-war levels.

Three hundred and seventy samples of milk were submitted for bacteriological examination, and 250 for chemical analysis. 549 samples of various other kinds of food under the Food and Drugs Act, 1938, were submitted to the Public Analyst, and of these 15 were found to be not genuine.

In conclusion, Ladies and Gentlemen, I wish to express my thanks to the staff of the Department for the co-operative and conscientious way in which they have performed the many and varied duties laid upon them during a difficult and exacting year. From the Chairman and Members of the Committee I have received every help, encouragement and support, and to them I am sincerely grateful.

I am,

Yours faithfully,

OSCAR M. HOLDEN,

*Medical Officer of Health.*

## PUBLIC HEALTH COMMITTEE.

NOVEMBER, 1944-1945.

|  |   |
|--|---|
| The Worshipful The Mayor<br>(Councillor G. Lewin, J.P.)    | Councillor Miss L. Gooch.               |
| Councillor H. Regan ( <i>Chairman</i> ).                   | Councillor W. H. Gough.                 |
| Councillor Miss M. H. Glazier<br>( <i>Vice-Chairman</i> ). | Councillor Mrs. E. M. Regan.            |
|  | Councillor Mrs. G. L. Rogers.           |
| Alderman E. E. L. Arkell, J.P.                             | Councillor D. G. Stewart.               |
| Alderman Mrs. B. J. Roberts<br>(resigned).                 | Councillor J. Todd.                     |
|  | Councillor J. T. Twitchett.             |
| Alderman Mrs. M. Squire, J.P.                              | Councillor G. H. Ward.                  |
| Councillor Mrs. V. L. Child.                               | Miss Dorothy Day, M.R.C.S.,<br>L.R.C.P. |
| Councillor E. E. Constable.                                | G. G. Genge, Esq., M.D.                 |
| Councillor A. V. Dammarell.                                |   |



## SUMMARY OF VITAL STATISTICS FOR 1945.

Area, 12,617 acres.

Population (Census 1931), 233,115. Population (estimated middle of 1945), 200,780.

Number of Inhabited Houses (1931 Census), 56,429. Over-crowding Census (1936), 65,550.

Rateable Value (1st April, 1945), £2,505,211.

Product of a Penny Rate (1944—1945), £9,517.

Rate in the £: 11/8d.

|  |          |
|--|----------|
| Gross expenditure on Health and Hospital Services (administered by Medical Officer of Health) ... .. | £302,017 |
| Income on Health and Hospital Services (excluding transfers) ... ..                                  | 59,976   |

|  |          |
|--|----------|
| Net expenditure on Health and Hospital Services ... .. | £242,041 |
|--|----------|

Expressed as a Penny Rate, 2/1½d. in the pound.

|                     | M.    | F.    | Total. |
|---------------------|-------|-------|--------|
| Live Births         |       |       |        |
| Legitimate ... ..   | 1,652 | 1,536 | 3,188  |
| Illegitimate ... .. | 197   | 190   | 387    |
|                     |       |       | 3,575  |

Birth-rate per 1,000 of the estimated resident population, 17.8.

Still Births 100. Rate per 1,000 total (live and still) births, 27.2.

Birth-rate (live and still births) per 1,000 population, 18.3.

Deaths, 2,513 (Registrar-General's figures). Death-rate per 1,000 of the estimated resident population, 12.5.

Deaths from diseases and accidents of pregnancy and child-birth, 9; from puerperal and post-abortion sepsis, 1; other causes, 8.

Maternal mortality 2.4 per 1,000 total live and still births.

Death-rate of Infants under one year of age (148 deaths, 3,575 births)—

|   |        |    |
|---|--------|----|
| All Infants per 1,000 live births                         | ... .. | 41 |
| Legitimate Infants (130 deaths) per 1,000 live births...  | ... .. | 41 |
| Illegitimate Infants (18 deaths) per 1,000 live births... | ... .. | 47 |

|  |        |     |
|--|--------|-----|
| Deaths from Influenza                  | ... .. | 6   |
| " " Whooping Cough (all ages)          | ... .. | 3   |
| " " Diarrhoea (under 2 years of age).. | ... .. | 21  |
| " " Diphtheria (all ages)              | ... .. | 2   |
| " " Pneumonia                          | ... .. | 117 |
| " " Cancer                             | ... .. | 464 |

Rate per  
1,000  
Population.

|  |        |      |
|--|--------|------|
| Deaths from diseases of Cardiac and Circulatory System (including Cerebral Hæmorrhage) | ... .. | 5.39 |
| " " diseases of the Respiratory System (including Tuberculosis)                        | ... .. | 1.77 |
| " " diseases of Renal System   | ... .. | 0.24 |
| " " diseases of Digestive System   | ... .. | 0.59 |
| " " Suicide and Violent Causes (excluding War Operations)                              | ... .. | 0.51 |
| " " Old Age (local statistics)   | ... .. | 0.45 |

### Marriages.

The number of marriages solemnised was 2,268, compared with 1,578 in 1944, 1,574 in 1943, 2,042 in 1942, 2,187 in 1941, and 2,792 in 1940. The marriage rate was 11.3 per 1,000 of the population; 1,295 were solemnised in Established Churches, 321 in other places of worship, and 652 in the Register Office. None was performed under Jewish ritual.



### Births.

The births registered were 3,188 legitimate and 387 illegitimate. The birth-rate consequently was 17.8. For England and Wales and in the Great Towns the rates were 16.1 and 19.1.

The illegitimate births in Croydon were 10.6 of the total, compared with 7.7 in 1944; 7.8 in 1943; 7.5 in 1942; 6.3 in 1941; and 5.3 in 1940 and 1939.

The live male births numbered 1,849, the female 1,726, being a proportion of 1,071 males to 1,000 females.

The subjoined table gives the vital statistics for the Wards in the Town. It is seen that the Wards with the highest birth-rates were Addington (26.0) and South Norwood (20.4). Those with the lowest were Norbury (9.6) and Upper Norwood (10.1).

### Deaths.

The deaths numbered 2,513, compared with 2,854 in 1944. For 1945 the death-rate was 12.5; for 1944 it was 15.1. The death-rate for England and Wales was 11.4, and for the Great Towns 13.5. For London the death-rate was 13.8.

There were 165 inquests held by Coroners in respect of Croydon residents during 1945 and 185 findings by Coroners after post-mortem examination without inquest.

Wards with the highest death-rates were Central (16.3), South (15.0), Whitehorse Manor (14.5), and Bensham Manor (14.1). Lowest: West Thornton (9.0), Addington (9.5), and Waddon (9.6).



| WARDS.             | Estimated Population. | Births. | Deaths. | Birth Rate. | Death Rate. | Deaths under 1 year per 1,000 Births. | Death Rate from Six Zymotic Diseases (excluding Diarrhoea) | Death Rate from Diarrhoea. | Death Rate from Bronchitis and Pneumonia. | Death Rate from Pulmonary Tuberculosis. | Death Rate from Non-Pulmonary Tuberculosis. | Death Rate from Heart and Circulation Diseases. | Death Rate from Nervous Diseases. | Death Rate from Cancer. | Natural Increase or Decrease of Population. |
|--------------------|-----------------------|---------|---------|-------------|-------------|---------------------------------------|--|----------------------------|---|---|---|---|-----------------------------------|-------------------------|---|
| Upper Norwood ...  | 13282                 | 134     | 174     | 10.1        | 13.1        | 75                                    | —  | —                          | 1.58                                      | 0.53                                    | 0.08  | 3.84  | 0.45                              | 3.16                    | — 40  |
| Norbury ...        | 13327                 | 128     | 166     | 9.6         | 12.5        | 39                                    | —  | —                          | 1.28                                      | 0.53                                    | 0.08  | 4.50  | 0.68                              | 2.78                    | — 38  |
| West Thornton ...  | 16259                 | 201     | 146     | 12.4        | 9.0         | 55                                    | 0.12   | 0.06                       | 0.98                                      | 0.37                                    | 0.06  | 3.69  | 0.18                              | 1.23                    | + 55  |
| Bensham Manor      | 13280                 | 186     | 187     | 14.0        | 14.1        | 16                                    | —  | —                          | 1.96                                      | 0.33                                    | 0.15  | 6.25  | 0.53                              | 2.41                    | — 1   |
| Thornton Heath ... | 14966                 | 284     | 164     | 19.0        | 11.0        | 46                                    | 0.07   | 0.07                       | 1.60                                      | 0.27                                    | 0.13  | 4.28  | 0.40                              | 1.74                    | +120  |
| South Norwood ...  | 14627                 | 298     | 183     | 20.4        | 12.5        | 17                                    | 0.07   | 0.14                       | 1.37                                      | 0.27                                    | —   | 4.38  | 0.62                              | 2.32                    | +115  |
| Woodside ...       | 13330                 | 162     | 148     | 12.2        | 11.1        | 68                                    | 0.23   | —                          | 0.68                                      | 0.38                                    | 0.08  | 4.80  | 0.38                              | 2.03                    | + 14  |
| East ...           | 13369                 | 190     | 165     | 14.2        | 12.3        | 32                                    | 0.15   | 0.07                       | 0.90                                      | 0.08                                    | 0.15  | 5.16  | 0.37                              | 2.92                    | + 25  |
| Addiscombe ...     | 13523                 | 219     | 185     | 16.2        | 13.7        | 55                                    | —  | 0.07                       | 1.48                                      | 0.22                                    | —   | 5.47  | 0.59                              | 2.51                    | + 34  |
| Whitehorse Manor   | 13870                 | 224     | 201     | 16.2        | 14.5        | 45                                    | —  | —                          | 1.59                                      | 0.36                                    | 0.14  | 5.91  | 0.22                              | 3.53                    | + 23  |
| Broad Green ...    | 14277                 | 202     | 184     | 14.1        | 12.9        | 84                                    | —  | 0.14                       | 1.75                                      | 0.56                                    | —   | 4.90  | 0.42                              | 2.10                    | + 18  |
| Central ...        | 10126                 | 137     | 165     | 13.5        | 16.3        | 95                                    | —  | —                          | 2.57                                      | 0.40                                    | —   | 6.81  | 0.40                              | 3.16                    | — 28  |
| Waddon ...         | 15170                 | 295     | 146     | 19.4        | 9.6         | 34                                    | 0.07   | —                          | 1.19                                      | 0.66                                    | 0.07  | 3.49  | 0.40                              | 1.19                    | +149  |
| South ...          | 12520                 | 199     | 188     | 15.9        | 15.0        | 55                                    | 0.08   | 0.08                       | 1.68                                      | 0.32                                    | —   | 6.71  | 0.48                              | 2.24                    | + 11  |
| Addington ...      | 8854                  | 230     | 84      | 26.0        | 9.5         | 30                                    | —  | —                          | 0.79                                      | 0.34                                    | 0.11  | 3.39  | 0.34                              | 2.48                    | +146  |
| The Borough ...    | 200780                | *3575   | *2513   | 17.8        | 12.5        | 41                                    | 0.05   | 0.04                       | 1.42                                      | 0.37                                    | 0.07  | 4.90  | 0.43                              | 2.34                    | +603  |

\* These are the corrected totals.

The totals of births in each Ward do not include inward transfers.

## REGISTRAR GENERAL'S TABLE OF DEATHS ACCORDING TO CAUSE, AGE AND SEX.

|   | Sex | All Ages | 0—  | 1— | 5— | 15— | 45— | 65—  |
|---|-----|----------|-----|----|----|-----|-----|------|
| All Causes ... ..   | M   | 1221     | 81  | 14 | 12 | 81  | 347 | 686  |
|   | F   | 1292     | 67  | 14 | 11 | 87  | 247 | 866  |
| Diphtheria ... ..   | M   | 1        | —   | —  | 1  | —   | —   | —    |
|   | F   | 1        | —   | 1  | —  | —   | —   | —    |
| Whooping Cough ... ..   | M   | 2        | 2   | —  | —  | —   | —   | —    |
|   | F   | 1        | —   | 1  | —  | —   | —   | —    |
| Encephalitis Acute Infectious ... ..                                | M   | —        | —   | —  | —  | —   | —   | —    |
|   | F   | 1        | —   | —  | —  | 1   | —   | —    |
| Cerebro Spinal Fever ... ..   | M   | 1        | —   | 1  | —  | —   | —   | —    |
|   | F   | 2        | 1   | —  | 1  | —   | —   | —    |
| Measles ... ..  | M   | 4        | 3   | 1  | —  | —   | —   | —    |
|   | F   | 2        | —   | 2  | —  | —   | —   | —    |
| Influenza ... ..  | M   | 2        | —   | —  | —  | —   | —   | 2    |
|   | F   | 4        | —   | —  | —  | —   | —   | 4    |
| Polioomyelitis & Polioencephalitis ... ..                           | M   | —        | —   | —  | —  | —   | —   | —    |
|   | F   | 1        | —   | 1  | —  | —   | —   | —    |
| Tuberculosis (respiratory) ... ..                                   | M   | 45       | —   | —  | —  | 21  | 18  | 6    |
|   | F   | 29       | —   | —  | —  | 24  | 5   | —    |
| Tuberculosis (other forms) ... ..                                   | M   | 8        | —   | 2  | 1  | 3   | 2   | —    |
|   | F   | 10       | 1   | 2  | 3  | 4   | —   | —    |
| Syphilitic diseases ... ..  | M   | 7        | —   | —  | —  | —   | 5   | 2    |
|   | F   | 8        | 1   | —  | —  | —   | 3   | 4    |
| Cancer ... ..   | M   | 221      | —   | 2  | 1  | 12  | 96  | 110  |
|   | F   | 243      | —   | —  | —  | 9   | 108 | 126  |
| Diabetes ... ..   | M   | 7        | —   | —  | 1  | —   | 2   | 4    |
|   | F   | 9        | —   | —  | —  | —   | 1   | 8    |
| Intra cranial vascular lesions ... ..                               | M   | 104      | —   | —  | —  | 1   | 25  | 78   |
|   | F   | 148      | —   | —  | —  | —   | 17  | 131  |
| Heart diseases ... ..   | M   | 352      | —   | —  | —  | 8   | 65  | 279  |
|   | F   | 429      | —   | —  | 2  | 8   | 37  | 382  |
| Other circulatory diseases ... ..                                   | M   | 22       | —   | —  | —  | —   | 10  | 12   |
|   | F   | 28       | —   | —  | —  | —   | 6   | 22   |
| Bronchitis ... ..   | M   | 93       | 2   | 1  | —  | 5   | 29  | 56   |
|   | F   | 48       | 1   | 1  | —  | 1   | 9   | 36   |
| Pneumonia (all forms) ... ..  | M   | 59       | 17  | 3  | 1  | 1   | 16  | 21   |
|   | F   | 58       | 8   | 3  | —  | 4   | 9   | 34   |
| Other respiratory diseases ... ..                                   | M   | 14       | —   | —  | —  | 3   | 7   | 4    |
|   | F   | 10       | 2   | —  | —  | 1   | 2   | 5    |
| Ulcer of stomach or duodenum ... ..                                 | M   | 27       | —   | —  | —  | 1   | 14  | 12   |
|   | F   | 9        | —   | —  | —  | —   | 2   | 7    |
| Diarrhoea (under 2 years) ... ..                                    | M   | 17       | 16  | 1  | —  | —   | —   | —    |
|   | F   | 4        | 3   | 1  | —  | —   | —   | —    |
| Appendicitis ... ..   | M   | 5        | —   | —  | 1  | 1   | —   | 3    |
|   | F   | 4        | —   | —  | —  | 2   | —   | 2    |
| Other digestive diseases ... ..                                     | M   | 23       | —   | —  | 1  | 2   | 9   | 11   |
|   | F   | 29       | —   | 1  | 1  | 3   | 12  | 12   |
| Nephritis ... ..  | M   | 20       | —   | —  | —  | 3   | 6   | 11   |
|   | F   | 21       | —   | —  | —  | 3   | 7   | 11   |
| Puerperal sepsis ... ..   | F   | 1        | —   | —  | —  | 1   | —   | —    |
| Other maternal causes ... ..  | F   | 6        | —   | —  | —  | 6   | —   | —    |
| Congenital debility, malformations,<br>premature birth, etc. ... .. | M   | 39       | 35  | 1  | —  | 2   | 1   | —    |
|   | F   | 50       | 46  | —  | —  | —   | 2   | 2    |
| Suicide ... ..  | M   | 12       | —   | —  | —  | 1   | 6   | 5    |
|   | F   | 11       | —   | —  | —  | 3   | 4   | 4    |
| Road traffic accidents ... ..                                       | M   | 13       | —   | —  | 2  | 2   | 7   | 2    |
|   | F   | 8        | —   | —  | 3  | —   | 2   | 3    |
| Other violent causes ... ..   | M   | 22       | 2   | 1  | 1  | 4   | 5   | 9    |
|   | F   | 37       | 2   | —  | —  | 2   | 4   | 29   |
| All other causes ... ..   | M   | 101      | 4   | 1  | 2  | 11  | 24  | 59   |
|   | F   | 80       | 2   | 1  | 1  | 15  | 17  | 44   |
| TOTALS ... ..   |     | 2513     | 148 | 28 | 23 | 168 | 594 | 1552 |



### Comparisons with 1944.

In the zymotic diseases group there were 3 deaths from Whooping Cough, 2 from Diphtheria, and 6 from Measles. There were again no deaths in the Typhoid group.

The deaths from Pulmonary Tuberculosis decreased by 18; those from Cancer increased by 54; those from Pneumonia by 14; and a decrease of 7 recorded in those caused by Bronchitis.

Deaths from Suicide show an increase of 6, and road traffic accidents of 4.

The total number of deaths was 2,513, as compared with 2,854 in 1944.

The percentage of deaths under 1 year of age to the total deaths was 5.9 per cent.; deaths under 15 years, 7.9 per cent.; deaths under 65 years, 38.2 per cent.; and deaths over 65 years, 61.8 per cent. The corresponding figures for 1944 were 5.5 per cent., 8.3 per cent., 42.2 per cent., and 57.8 per cent. respectively.

The above total differs slightly from the total recorded by the department, as the period covered by the Registrar-General refers to the weekly returns from the Registrars, while the department records are calculated from 1st January to 31st December.

### WATER.

The Water supply is drawn from deep wells in the chalk. These wells are situated in Surrey Street, Stroud Green, Waddon, Selhurst and Addington. A portion of the northern side of the Borough is supplied with water which is purchased in bulk from the Metropolitan Water Board.

The amount of water consumed during the year was—

|                                      |               |
|--------------------------------------|---------------|
| Corporation's Wells ... ..           | 2,169,733,000 |
| Metropolitan Water Board in bulk ... | 613,972,000   |
|                                      | <hr/>         |
|                                      | 2,783,705,000 |

The Water supply has been satisfactory in quality and quantity.

The supply is piped throughout the area.



**(a) Bacteriological Examinations.**

Regular bacteriological examinations were made of the raw water going into supply after treatment.

240 raw water samples and 850 treated water samples were thus examined bacteriologically during the year by the Chemist and Bacteriologist on the staff of the Water Undertaking. In addition 20 samples of raw water and 84 samples of treated water were subjected to bacteriological examination by the Consultant Bacteriologist to the Water Undertaking. Further samples were submitted by the Medical Officer of Health for examination by the Public Analyst.

The results of the bacteriological examination of the raw waters were typical of waters pumped from the chalk, some of them shewing the normal deterioration in quality which occurs after heavy rain. In all cases the examinations shewed that the raw water was suitable for treatment.

The bacteriological examinations of the treated waters shewed that these waters were of uniformly excellent quality.

**(b) Chemical Analyses.**

The arrangements for chemical analyses are similar to those for bacteriological examinations. The total numbers of samples analysed in the Water Department's laboratory and by the Consultant were 80 of raw waters and 152 of treated waters going into supply.

The results of the chemical analyses were uniformly satisfactory.

The waters are not liable to have plumbo-solvent action.

No cases of contamination of any of the sources of supply arose during the year.

The whole of the population and dwelling-houses within the area of supply are supplied from public water mains direct to the houses.

During 1945 the total number of samples taken by the Public Health Department was as follows :—

|                                 |     |     |    |
|---------------------------------|-----|-----|----|
| For bacteriological examination | ... | ... | 82 |
| For chemical examination        | ... | ... | 67 |

All these samples were taken direct from consumers' taps.



# LABORATORY, AMBULANCE, NURSING FACILITIES, HOSPITALS, Etc.

There have been no material changes in the Laboratory and Nursing Facilities in the home since my report in 1940. All Clinics have continued throughout the year.

A report on the activities of the Ambulance Service will be found on page 33.

## DEPARTMENTAL CLASSIFICATION OF DEATHS ACCORDING TO DISEASE OVER A PERIOD OF SIX YEARS.

| Cause of Death.  | 1940<br>Total<br>Deaths | 1941<br>Total<br>Deaths | 1942<br>Total<br>Deaths | 1943<br>Total<br>Deaths | 1944<br>Total<br>Deaths | 1945<br>Total<br>Deaths | Death<br>Rate |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------|
| Enteric Fever ... ..   | —                       | 1                       | —                       | —                       | —                       | —                       | —             |
| Malaria ... ..   | —                       | 1                       | —                       | —                       | —                       | 1                       | 0.005         |
| Polionmyelitis ... ..  | —                       | —                       | —                       | —                       | 1                       | 1                       | 0.005         |
| Measles ... ..   | —                       | 5                       | —                       | 1                       | 1                       | 6                       | 0.030         |
| Scarlet Fever ... ..   | —                       | —                       | 1                       | 1                       | —                       | —                       | —             |
| Whooping Cough ... ..  | 2                       | 6                       | 3                       | 1                       | 10                      | 3                       | 0.015         |
| Diphtheria and Croup ... ..  | 4                       | 4                       | 3                       | 2                       | —                       | 2                       | 0.010         |
| Influenza (incl. Influenzal pneumonia)                               | 49                      | 36                      | 19                      | 81                      | 19                      | 11                      | —             |
| Dysentery ... ..   | —                       | 2                       | 2                       | —                       | —                       | 1                       | 0.005         |
| Erysipelas... ..   | 2                       | —                       | 1                       | —                       | 1                       | —                       | —             |
| Cerebro-Spinal Fever ... ..  | 16                      | 8                       | 6                       | 1                       | 1                       | 3                       | 0.015         |
| Pulmonary Tuberculosis ... ..  | 128                     | 90                      | 97                      | 107                     | 98                      | 78                      | 0.388         |
| Tuberculous Meningitis... ..   | 21                      | 19                      | 19                      | 16                      | 11                      | 14                      | 0.070         |
| Other Tuberculous Diseases ... ..                                    | —                       | —                       | —                       | —                       | —                       | —                       | —             |
| Cancer, Malignant Disease ... ..                                     | 443                     | 376                     | 409                     | 454                     | 420                     | 470                     | 2.341         |
| Rheumatic Fever ... ..   | 8                       | 2                       | 3                       | 2                       | 2                       | 1                       | 0.005         |
| Meningitis... ..   | 5                       | 3                       | 9                       | 7                       | 4                       | 6                       | 0.030         |
| Organic Heart Disease ... ..   | 682                     | 672                     | 741                     | 515                     | 563                     | 542                     | 2.610         |
| Bronchitis, Acute and Chronic ... ..                                 | 130                     | 80                      | 131                     | 150                     | 126                     | 124                     | 0.618         |
| Pneumonia ... ..   | 206                     | 194                     | 113                     | 182                     | 129                     | 160                     | 0.797         |
| Other Diseases of the Respiratory Organs                             | 21                      | 30                      | 22                      | 17                      | 23                      | 19                      | 0.095         |
| Diarrhoea & Enteritis ... ..   | 18                      | 13                      | 15                      | 21                      | 22                      | 20                      | 0.100         |
| Appendicitis ... ..  | 15                      | 10                      | 6                       | 8                       | 8                       | 8                       | 0.040         |
| Cirrhosis of Liver ... ..  | 1                       | 10                      | 5                       | 4                       | 2                       | 5                       | 0.025         |
| Alcoholism ... ..  | 2                       | 1                       | —                       | —                       | —                       | —                       | —             |
| Nephritis & Bright's Disease ... ..                                  | 63                      | 60                      | 57                      | 44                      | 44                      | 35                      | 0.175         |
| *Puerperal Sepsis ... ..   | 2                       | 3                       | 3                       | 1                       | —                       | 1                       | 0.272         |
| *Other diseases and accidents of pregnancy<br>and parturition ... .. | 3                       | 5                       | 9                       | 1                       | 8                       | 8                       | 2.177         |
| Congenital debility, malformation and<br>Premature Birth ... ..      | 53                      | 34                      | 82                      | 73                      | 89                      | 72                      | 0.358         |
| Violent Deaths (excluding War opera-<br>tions and suicide) ... ..    | 61                      | 74                      | 61                      | 46                      | 45                      | 64                      | 0.319         |
| Suicide ... ..   | 20                      | 20                      | 24                      | 21                      | 16                      | 24                      | 0.120         |
| Other Defined Diseases... ..   | 1152                    | 778                     | 568                     | 860                     | 1206                    | 808                     | 4.024         |
| Diseases Ill-Defined or Unknown ... ..                               | 11                      | 2                       | —                       | 12                      | 8                       | 4                       | 0.020         |
| TOTAL ... ..   | 3118                    | 2539                    | 2409                    | 2628                    | 2857                    | 2491                    | 12.407        |

\* Calculated per 1,000 live and still births.  
1945 showed a decrease both in the death and birth rates.



## MAYDAY HOSPITAL.

TABLE I.

*Medical Superintendent :*

C. F. SWINTON, M.D., F.R.C.S.(Ed.), Ch.M.

NURSING STAFF.

*Matron :* MISS F. ROBERTS, S.R.N.

|                    |    |                      |    |
|--------------------|----|----------------------|----|
| Trained Nurses ... | 66 | Assistant Nurses ... | 6  |
| Student Nurses ... | 93 | Male Nurses ...      | 11 |

*Steward :* MR. R. GRIST.

The following Specialist Services are carried :—Orthopaedic, Gynaecological and Obstetrical, Dental, X-Ray, Deep X-Ray Therapy, Massage, Ultra-Violet Light, Ophthalmic, Ear, Nose and Throat, School E.N.T. Clinic, Gastroscopy.

TABLE I.

|   |       |
|---|-------|
| 1.—Total number of admissions (including infants born in hospital) ...                | 8,288 |
| 2.—Number of women confined in hospital ...   | 1,027 |
| 3.—Number of live births ...  | 999   |
| 4.—Number of still births ...   | 55    |
| 5.—Number of deaths among the newly-born ( <i>i.e.</i> , under 4 weeks of age) ...    | 55    |
| 6.—Number of deaths among children under one year (including those given under 5) ... | 86    |
| 7.—Number of maternal deaths among women admitted to hospital for confinement ...     | 1     |
| 8.—Total number of deaths ...   | 758   |
| 9.—Total number of discharges (including infants born in hospital) ...                | 7,417 |
| 10.—Duration of stay of patients included in 8 and 9 above :—                         |       |
| (a) Under four weeks ...  | 6,684 |
| (b) Four weeks and under thirteen weeks ...   | 1,362 |
| (c) Thirteen weeks or more ...  | 196   |
| 11.—Number of beds occupied (excluding cots in maternity wards) :—                    |       |
| (a) Average during the year ...   | 421   |
| (b) Highest ... 472 on 14-2-45  |       |
| (c) Lowest ... 373 on 1-1-45  |       |
| 12.—Number of surgical operations under anaesthetic ...                               | 3,149 |
| 13.—Number of abdominal sections ...  | 580   |

TABLE II.

*Classification of In-Patients who were discharged from or who died in the Institution during the year ended 31st December, 1945.*

| Disease Groups.  | Children<br>(under 16) |       | Men<br>and Women. |       |
|--|------------------------|-------|-------------------|-------|
|  | Dis-<br>charged.       | Died. | Dis-<br>charged.  | Died. |
| A.—Acute infectious disease ... ..   | 81                     | —     | 17                | —     |
| B.—Influenza ... ..  | —                      | —     | 8                 | —     |
| C.—Tuberculosis : Pulmonary ... ..   | 3                      | —     | 83                | 21    |
| Non-Pulmonary ... ..   | 12                     | 4     | 4                 | 6     |
| D.—Malignant Disease ... ..  | —                      | —     | 102               | 134   |
| E.—Rheumatism :—   |                        |       |                   |       |
| (1) Acute rheumatism (rheumatic fever) to-<br>gether with sub-acute rheumatism and chorea  | 4                      | —     | 9                 | —     |
| (2) Non-articular manifestations of so called<br>"rheumatism" (muscular rheumatism, fibro-<br>sitis, lumbago, and sciatica) ... .. | 4                      | —     | 5                 | —     |
| (3) Chronic Arthritis ... ..   | 1                      | —     | 29                | 1     |
| F.—Venereal Disease ... ..   | 1                      | —     | 6                 | —     |
| G.—Puerperal Pyrexia ... ..  | —                      | —     | 2                 | —     |
| Puerperal Fever ... ..   | —                      | —     | —                 | —     |
| H.—Other diseases and accidents connected with<br>pregnancy and childbirth ... ..  | —                      | —     | 416               | 4     |
| I.—Mental diseases ... ..  | 12                     | —     | 249               | 1     |
| J.—Senile decay ... ..   | —                      | —     | 35                | 6     |
| K.—Accidental injury and violence ... ..   | 63                     | —     | 257               | 24    |
| <i>In respect of cases not included above.</i>   |                        |       |                   |       |
| L.—Diseases of the Nervous System and Sense Organs   | 7                      | 6     | 103               | 88    |
| M.—Disease of the Respiratory System ... ..  | 113                    | 21    | 293               | 68    |
| N.     "     "     Circulatory System ... ..   | 6                      | 3     | 223               | 215   |
| O.     "     "     Digestive System ... ..   | 152                    | 13    | 690               | 42    |
| P.     "     "     Genito Urinary System... ..   | 84                     | —     | 124               | 36    |
| Q.     "     "     Skin ... ..   | 64                     | —     | 144               | 4     |
| R.—Other diseases. ... ..  | 1243                   | 6     | 529               | 7     |
| S.—Mothers and infants discharged from Maternity<br>Wards and not included in above figures :—                                     |                        |       |                   |       |
| Mothers ... ..   | —                      | —     | 1143              | 1     |
| Infants ... ..   | 1021                   | 47    | —                 | —     |
| T.—Any persons not falling under any of the above<br>headings ... ..   | 24                     | —     | 51                | —     |
| TOTALS ... ..  | 2895                   | 100   | 4522              | 658   |



## NUMBER OF X-RAY FILMS TAKEN.

|                        |       |
|------------------------|-------|
| Spine ... ..           | 341   |
| Bones ... ..           | 1,842 |
| Pelvis... ..           | 31    |
| Chest ... ..           | 2,805 |
| Barium Meals ... ..    | 518   |
| Barium Enemas ... ..   | 56    |
| Renal ... ..           | 204   |
| Gall-Bladder ... ..    | 109   |
| Teeth ... ..           | 581   |
| Abdominal ... ..       | 44    |
| Maternity Cases ... .. | 693   |
| Skull ... ..           | 310   |

7,534

Total number of Cases X-rayed ... 5,707

## DIAGNOSTIC.

|                                 | 1944. | 1945. |
|---------------------------------|-------|-------|
| Oesophagus with Barium ... ..   | 3     | 3     |
| Barium Meals ... ..             | 82    | 344   |
| Barium Enemeta ... ..           | 27    | 31    |
| Gall-Bladder (Plain) ... ..     | 9     | 29    |
| Cholecystograms ... ..          | 20    | 36    |
| Renal Tracts (Plain) ... ..     | 14    | 39    |
| Pyelograms ... ..               | 19    | 60    |
| Abdomen for F.B.'s, etc. ... .. | 15    | 20    |
| Maternity Cases ... ..          | 393   | 384   |
| Hystero-graphies ... ..         | 7     | 7     |
| Lungs (Mayday Hospital) ... ..  | 448   | 825   |
| (Sick Staff) ... ..             | 7     | 7     |
| (Staff on Appointment) ... ..   | 109   | 169   |
| (T.B. Dispensary) ... ..        | 1,362 | 1,370 |
| (Others) ... ..                 | 18    | 125   |
| Lungs after Lipiodol ... ..     | 1     | 9     |
| Heart and Aorta ... ..          | 4     | 9     |
| Skulls ... ..                   | 81    | 89    |
| Accessory Nasal Sinuses ... ..  | 37    | 48    |
| Vertebral Column ... ..         | 106   | 394   |
| Ribs ... ..                     | 42    | 24    |
| Pelvis ... ..                   | 24    | 21    |
| Long Bones ... ..               | 209   | 550   |
| Short Bones ... ..              | 312   | 520   |
| Joints ... ..                   | 391   | 300   |
| Teeth and Jaws ... ..           | 191   | 294   |

3,931 ... 5,707

EXAMINATIONS BY PORTABLE SET ... 99 ... 60

**X-RAY.**

|  | 1944.        | 1945.        |
|--|--------------|--------------|
| Men's Wards ... ..                     | 609          | 967          |
| Women's Wards ... ..                   | 574          | 868          |
| Children's Wards ... ..                | 83           | 257          |
| Maternity and Gynaecological Wards ... | 77           | 212          |
| Staff ... ..                           | 174          | 165          |
| <b>TOTAL "IN-PATIENTS" ...</b>         | <b>1,517</b> | <b>2,469</b> |

|                                 |     |     |
|---------------------------------|-----|-----|
| T.B. Dispensary (Men) ... ..    | 640 | 762 |
| (Women) ... ..                  | 623 | 699 |
| (Children under 16) ... ..      | 99  | 209 |
| Croydon Borough Hospital ... .. | 2   | 20  |
| Ante-Natal Clinic ... ..        | 316 | 484 |
| Queen's Road Homes ... ..       | 30  | 14  |
| Dental Clinic ... ..            | 191 | 265 |
| Others ... ..                   | 373 | 15  |
| St. Mary's Hospital ... ..      | 9   | 10  |

**TOTAL "OUT-PATIENTS" ...** 2,283 2,478

**TOTAL ...** 3,800 4,947

"Screen Examinations" ... 945 827

**MASSAGE.**

|                           |               |
|---------------------------|---------------|
| Massage ... ..            | 11,512        |
| Exercises ... ..          | 12,341        |
| Radiant Heat ... ..       | 10,489        |
| Electrical ... ..         | 1,274         |
| Infra-red ... ..          | 912           |
| Ultra Violet Light ... .. | 1,344         |
| Wax ... ..                | 908           |
| Diathermy ... ..          | 1,164         |
|                           | <b>39,944</b> |

Total number of patients treated ... 1,698

**MENTAL PATIENTS DEALT WITH DURING THE YEAR.**

|   | Male. | Female. |
|---|-------|---------|
| Admitted ... ..                                   | 121   | 141     |
| Certified and sent to Warlingham Park Hospital    | 10    | 16      |
| As Voluntary Patients to Warlingham Park Hospital | 63    | 79      |
| Discharged not certified ... ..                   | 38    | 43      |



**SPECIMENS EXAMINED IN THE PATHOLOGICAL LABORATORY  
DURING THE YEAR.**

|  | <i>Positive.</i> | <i>Negative.</i> |             |
|--|------------------|------------------|-------------|
| Swabs for Diphtheria ... ..                              | —                | 1,488            |             |
| Sputa for T.B. ... ..                                    | 267              | 533              |             |
| Pus for T.B. ... ..                                      | 5                | 7                |             |
| Pus for Gonococci ... ..                                 | 1                | —                |             |
| Urine for T.B. ... ..                                    | 4                | 18               |             |
| Faeces for T.B. ... ..                                   | 2                | 6                |             |
| Faeces for Coli Typhoid Group ... ..                     | 43               | 401              |             |
| Blood—Widals ... ..                                      | 1                | 17               |             |
| Hairs for ringworm ... ..                                | 2                | —                |             |
| Blood cultures ... ..                                    | 6                | 31               |             |
| Faeces for occult blood ... ..                           | 126              | 223              |             |
|  |                  |                  | <hr/> 3,181 |
| Urine for routine examination ... ..                     |                  |                  | 1,196       |
| Pus for organisms ... ..                                 |                  |                  | 231         |
| Blood urea estimations ... ..                            |                  |                  | 306         |
| Blood sugar estimations ... ..                           |                  |                  | 173         |
| Cerebro spinal fluids ... ..                             |                  |                  | 82          |
| Urea Conc. Tests ... ..                                  |                  |                  | 7           |
| Urea clearance tests ... ..                              |                  |                  | 98          |
| Fractional test meals ... ..                             |                  |                  | 130         |
| Pleural fluids ... ..                                    |                  |                  | 44          |
| Blood counts ... ..                                      |                  |                  | 686         |
| Haemoglobin estimations ... ..                           |                  |                  | 972         |
| Blood groups ... ..                                      |                  |                  | 259         |
| Compatibility tests ... ..                               |                  |                  | 251         |
| Faecal fat estimations ... ..                            | xxx              |                  | 2           |
| Van den Bergh re-action ... ..                           |                  |                  | 20          |
| Blood sedimentation rates ... ..                         |                  |                  | 864         |
| Glucose tolerance tests ... ..                           |                  |                  | 10          |
| Blood coagulation and bleeding time ... ..               |                  |                  | 63          |
| Other examinations—unclassified ... ..                   |                  |                  | 404         |
|  |                  |                  | <hr/>       |
| Total number of Examinations ...                         |                  |                  | 8,979       |
|  |                  |                  | <hr/>       |
| Number of Specimens sent to Croydon General Hospital ... |                  |                  | 519         |
|  |                  |                  | <hr/>       |

**NUMBER OF POST MORTEMS ORDERED BY THE CORONER AND  
PERFORMED AT MAYDAY HOSPITAL DURING THE YEAR.**

|                       |     |
|-----------------------|-----|
| Outside Cases ... ..  | 255 |
| Hospital Cases ... .. | 115 |

**NUMBER OF POST MORTEMS NOT ORDERED BY THE CORONER** 69

## THERAPY DEPARTMENT.

| Condition for which Treatment was given. | No. of Patients. | No. of Applications. | Cured. | Re-lieved. | Died. | Transferred to other Hosps. | Still under Treatment. |
|--|------------------|----------------------|--------|------------|-------|-----------------------------|------------------------|
| Carcinoma of Uterus ...                  | 3                | 38                   | 1      | 2          | —     | —                           | —                      |
| Cervix ...                               | 1                | 12                   | —      | 1          | —     | —                           | —                      |
| Ovary ...                                | 2                | 17                   | 1      | —          | 1     | —                           | —                      |
| Larynx ...                               | 7                | 86                   | —      | 2          | 4     | —                           | 1                      |
| Breast ...                               | 12               | 175                  | 1      | 2          | 6     | —                           | 3                      |
| Lung ...                                 | 6                | 93                   | —      | 2          | 3     | —                           | 1                      |
| Testicle ...                             | 1                | 15                   | —      | —          | —     | —                           | 1                      |
| Spine ...                                | 3                | 28                   | —      | —          | 1     | —                           | 2                      |
| Sarcoma of Hip ...                       | 1                | 2                    | —      | —          | —     | —                           | 1                      |
| abdomen...                               | 1                | 5                    | —      | —          | —     | —                           | 1                      |
| Epithelioma of lip ...                   | 1                | 5                    | 1      | —          | —     | —                           | —                      |
| penis ...                                | 1                | 8                    | —      | 1          | —     | —                           | —                      |
| Menorrhagia ...                          | 7                | 44                   | 3      | 4          | —     | —                           | —                      |
| Spondylitis ...                          | 2                | 38                   | —      | 1          | —     | —                           | 1                      |
| Lymphatic Leukaemia ...                  | 3                | 16                   | —      | 1          | 1     | —                           | 1                      |
| Myeloid leukaemia ...                    | 3                | 37                   | 1      | 1          | 1     | —                           | —                      |
| Cerebral tumour...                       | 1                | 11                   | —      | —          | 1     | —                           | —                      |
| Pruritus Vulva ...                       | 1                | 4                    | —      | 1          | —     | —                           | —                      |
| Ewings Tumour ...                        | 1                | 5                    | —      | —          | —     | —                           | 1                      |
| Pagets disease ...                       | 1                | 14                   | —      | 1          | —     | —                           | —                      |
| Keloid scar ...                          | 1                | 7                    | —      | —          | —     | —                           | 1                      |
|  | 59               | 660                  | 8      | 19         | 18    | —                           | 14                     |
| Corresponding totals for 1944 ...        | 57               | 573                  | 3      | 35         | 6     | 2                           | 11                     |



SPECIMENS EXAMINED IN TABLE III BIOLOGICAL LABORATORY

| Diagnoses in Cases Treated |     |     |     | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|----------------------------|-----|-----|-----|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                            |     |     |     | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| ALIMENTARY.                |     |     |     |          |           |             |      |           |           |             |      |       |
| Appendicitis               | ... | ... | ... | —        | —         | —           | —    | 180       | 35        | 2           | 2    | 219   |
| Appendicular Colic         | ... | ... | ... | —        | 8         | —           | —    | —         | 2         | —           | —    | 10    |
| Appendicular Abscess       | ... | ... | ... | —        | —         | —           | —    | 4         | 5         | —           | —    | 9     |
| Gastric ulcer              | ... | ... | ... | 8        | 28        | 6           | 6    | 1         | 2         | —           | 4    | 55    |
| Duodenal ulcer             | ... | ... | ... | 6        | 38        | —           | 3    | 11        | 12        | —           | 2    | 72    |
| Anastomatic ulcer          | ... | ... | ... | 2        | —         | —           | —    | —         | —         | —           | —    | 2     |
| Dyspepsia                  | ... | ... | ... | —        | 9         | 2           | —    | —         | —         | —           | —    | 11    |
| Cholelithiasis             | ... | ... | ... | —        | 2         | 2           | —    | 7         | 2         | —           | —    | 13    |
| Colitis                    | ... | ... | ... | 1        | 3         | —           | 1    | —         | 1         | —           | —    | 6     |
| Intestinal obstruction     | ... | ... | ... | 7        | 14        | —           | 8    | —         | —         | —           | —    | 29    |
| Ischio-rectal abscess      | ... | ... | ... | 4        | 4         | —           | —    | —         | —         | —           | —    | 8     |
| Constipation...            | ... | ... | ... | 36       | 27        | —           | —    | —         | —         | —           | —    | 63    |
| Hernia                     | ... | ... | ... | —        | —         | —           | —    | 84        | 57        | 3           | 6    | 150   |
| Haemorrhoids               | ... | ... | ... | —        | —         | —           | —    | 18        | 3         | 1           | —    | 22    |
| Cholecystitis...           | ... | ... | ... | —        | —         | —           | —    | 9         | 14        | —           | —    | 23    |
| Gastro enteritis           | ... | ... | ... | 14       | 12        | —           | 6    | —         | —         | —           | —    | 32    |
| Gastritis                  | ... | ... | ... | 14       | 14        | —           | 2    | —         | —         | —           | —    | 30    |
| Alveolar abscess           | ... | ... | ... | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |
| Intestinal colic           | ... | ... | ... | 4        | 13        | —           | —    | 1         | 3         | —           | —    | 21    |
| Catarrhal jaundice         | ... | ... | ... | 2        | 1         | —           | —    | —         | —         | —           | —    | 3     |
| Prolapse Rectum            | ... | ... | ... | —        | 4         | 1           | —    | —         | —         | —           | —    | 5     |
| Pyloric stenosis           | ... | ... | ... | —        | 4         | 1           | 2    | 2         | 2         | 1           | 1    | 13    |
| Diarrhoea                  | ... | ... | ... | 3        | 1         | —           | —    | —         | —         | —           | —    | 4     |
| Nervous Dysphagia          | ... | ... | ... | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |
| Cyclic vomiting            | ... | ... | ... | 1        | 1         | —           | —    | —         | —         | —           | —    | 2     |
| Peptic Ulcer               | ... | ... | ... | —        | 7         | —           | —    | 1         | —         | —           | —    | 8     |
| Peritonitis                | ... | ... | ... | —        | —         | —           | 1    | 1         | 5         | —           | 6    | 13    |
| Adhesions                  | ... | ... | ... | —        | 3         | 1           | —    | —         | —         | —           | —    | 4     |

| Diagnoses in Cases Treated | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|----------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                            | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Jaundice ... ..            | —        | 7         | —           | 2    | —         | —         | —           | —    | 9     |
| Collapse ... ..            | 1        | 2         | 1           | —    | —         | —         | —           | —    | 4     |
| Peritonsillar Abscess ...  | 3        | 1         | —           | —    | —         | —         | —           | —    | 4     |
| Perineal Abscess ... ..    | 5        | 1         | —           | —    | —         | —         | —           | —    | 6     |
| Acidosis ... ..            | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Pancreatitis ... ..        | 4        | 2         | —           | 1    | —         | —         | —           | —    | 7     |
| Subphrenic abscess ...     | —        | 1         | 1           | —    | —         | —         | —           | —    | 2     |
| Vincent's angina ... ..    | —        | 4         | —           | —    | —         | —         | —           | —    | 4     |
| Ascitis ... ..             | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |
| Diverticulitis ... ..      | —        | 2         | —           | —    | —         | 2         | —           | —    | 4     |
| Gallstone Colic ... ..     | 2        | —         | —           | —    | —         | —         | —           | —    | 2     |
| Intussusception ... ..     | —        | —         | —           | —    | —         | —         | —           | 1    | 1     |
| Coeliac Disease ... ..     | —        | 4         | —           | —    | —         | —         | —           | —    | 4     |
| Haematemesis ... ..        | —        | 6         | 1           | —    | —         | —         | —           | —    | 7     |
| Actinomycosis ... ..       | —        | —         | —           | 1    | —         | —         | —           | —    | 1     |
| Pyoric Ulcer ... ..        | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
| Hepatitis ... ..           | 7        | —         | —           | —    | —         | —         | —           | —    | 7     |
| Splenectomy ... ..         | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
|                            |          |           |             |      |           |           |             |      | 897   |
| <b>BONES, AND JOINTS.</b>  |          |           |             |      |           |           |             |      |       |
| Arthritis ... ..           | —        | 32        | 2           | —    | —         | —         | —           | —    | 34    |
| Fibrositis ... ..          | —        | 9         | 1           | —    | —         | —         | —           | —    | 10    |
| Bursitis ... ..            | 2        | 10        | —           | —    | —         | —         | —           | —    | 12    |
| Paget's Disease ... ..     | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Spina bifida ... ..        | —        | 2         | —           | 1    | —         | —         | —           | —    | 3     |
| Lumbago ... ..             | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |
| Synovitis ... ..           | 3        | 7         | 1           | —    | —         | —         | —           | —    | 11    |
| Osteomyelitis ... ..       | —        | —         | —           | —    | 4         | 9         | 3           | —    | 16    |
| Genu Valgum ... ..         | —        | —         | —           | —    | 2         | 4         | —           | —    | 6     |
| Osteo-arthritis ... ..     | —        | 13        | 3           | —    | —         | —         | —           | —    | 16    |



| Diagnoses in Cases Treated | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|----------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                            | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Myositis ... ..            | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |
| Acute Rheumatism ...       | 6        | 6         | 2           | —    | —         | —         | —           | —    | 14    |
| Hallux Valgus ... ..       | —        | —         | —           | —    | —         | 5         | 2           | —    | 7     |
| Muscular Rheumatism ...    | 2        | 5         | 1           | —    | —         | —         | —           | —    | 8     |
| Osteitis ... ..            | 1        | 2         | —           | —    | —         | —         | —           | —    | 3     |
| Talipes ... ..             | —        | —         | —           | —    | 1         | 3         | 1           | —    | 5     |
| Torticollis ... ..         | —        | —         | —           | —    | 1         | 1         | 2           | —    | 4     |
| Flat foot ... ..           | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Tenotomy ... ..            | —        | —         | —           | —    | 5         | —         | —           | —    | 5     |
| Coccydynia ... ..          | —        | —         | —           | —    | —         | 1         | —           | —    | 1     |
| Osteitis deformans ...     | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Muscular dystrophy ...     | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Exostosis ... ..           | —        | —         | —           | —    | —         | 1         | —           | —    | 1     |
|                            |          |           |             |      |           |           |             |      | 163   |
| CARCINOMA.                 |          |           |             |      |           |           |             |      |       |
| Breast ... ..              | —        | —         | —           | —    | 2         | 4         | 3           | 10   | 19    |
| Rectum ... ..              | —        | —         | —           | —    | —         | 6         | 6           | 11   | 23    |
| Stomach ... ..             | —        | —         | —           | —    | —         | —         | 13          | 19   | 32    |
| Cervix ... ..              | —        | —         | —           | —    | —         | 2         | 4           | 6    | 12    |
| Ovary ... ..               | —        | —         | —           | —    | —         | —         | 1           | 3    | 4     |
| Uterus ... ..              | —        | —         | —           | —    | —         | 2         | 2           | 7    | 11    |
| Prostate ... ..            | —        | —         | —           | —    | —         | —         | 1           | 1    | 2     |
| Colon ... ..               | —        | —         | —           | —    | —         | —         | 7           | 16   | 23    |
| Tongue and Mouth ...       | —        | —         | —           | —    | —         | 1         | 1           | 3    | 5     |
| Larynx ... ..              | —        | —         | —           | —    | —         | 1         | 2           | 5    | 8     |
| Oesophagus ... ..          | —        | —         | —           | —    | —         | —         | 2           | 2    | 4     |
| Bladder ... ..             | —        | —         | —           | —    | —         | 1         | 2           | 6    | 9     |
| Pancreas ... ..            | —        | —         | —           | —    | —         | 1         | —           | 4    | 5     |
| Lung ... ..                | —        | —         | —           | —    | —         | —         | 7           | 12   | 19    |
| Bronchus ... ..            | —        | —         | —           | —    | —         | 2         | 3           | 8    | 13    |
| Epithelioma ... ..         | —        | —         | —           | —    | —         | 4         | 1           | 2    | 7     |

| Diagnoses in Cases Treated | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|----------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                            | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Peritonei ... ..           | —        | —         | —           | —    | —         | 3         | 1           | 2    | 6     |
| Cervix uteri ... ..        | —        | —         | —           | —    | —         | —         | 1           | 4    | 5     |
| Testis ... ..              | —        | —         | —           | —    | —         | —         | —           | 2    | 2     |
| Sarcoma ... ..             | —        | —         | —           | —    | —         | 1         | 4           | 2    | 7     |
| Spine... ..                | —        | —         | —           | —    | —         | 1         | 3           | 1    | 5     |
| Liver ... ..               | —        | —         | —           | —    | —         | —         | —           | 6    | 6     |
| Thyroid ... ..             | —        | —         | —           | —    | —         | —         | —           | 1    | 1     |
| Glands ... ..              | —        | —         | —           | —    | —         | —         | 1           | —    | 1     |
| Pelvi rectal junction ...  | —        | —         | —           | —    | —         | —         | 2           | —    | 2     |
| Ileo-caecal junction ...   | —        | —         | —           | —    | —         | —         | 2           | 1    | 3     |
| Rodent ulcer ... ..        | —        | —         | —           | —    | —         | 1         | —           | —    | 1     |
| Common bile duct ... ..    | —        | —         | —           | —    | —         | —         | 1           | —    | 1     |
|                            |          |           |             |      |           |           |             |      | 236   |
| CIRCULATORY (Blood).       |          |           |             |      |           |           |             |      |       |
| Anemia ... ..              | 1        | 6         | 1           | 3    | —         | —         | —           | —    | 11    |
| Septicaemia ... ..         | 1        | 5         | —           | 5    | —         | —         | —           | —    | 11    |
| Hyperpiesia ... ..         | —        | 3         | —           | —    | —         | —         | —           | —    | 3     |
| Pernicious Anaemia ...     | 1        | 7         | 1           | 1    | —         | —         | —           | —    | 10    |
| Thrombosis ... ..          | 1        | 3         | —           | —    | —         | —         | —           | —    | 4     |
| Phlebitis ... ..           | 5        | 1         | —           | —    | —         | —         | —           | —    | 6     |
| Gangrene ... ..            | —        | —         | —           | —    | 2         | 2         | 1           | —    | 5     |
| Varicose veins ... ..      | —        | —         | —           | —    | —         | 12        | —           | —    | 12    |
| Leukaemia ... ..           | —        | 1         | —           | 1    | —         | —         | —           | —    | 2     |
| Epistaxis ... ..           | 1        | 4         | —           | —    | —         | —         | —           | —    | 5     |
| Malaria ... ..             | 16       | —         | —           | —    | —         | —         | —           | —    | 16    |
|                            |          |           |             |      |           |           |             |      | 85    |
| CIRCULATORY (Heart)        |          |           |             |      |           |           |             |      |       |
| Myocardial Degen : ...     | —        | 9         | 8           | 85   | —         | —         | —           | —    | 102   |
| Hypertension ... ..        | —        | 31        | 6           | 5    | —         | —         | —           | —    | 42    |
| Aortic incompetence ...    | —        | 3         | —           | —    | —         | —         | —           | —    | 3     |
| Arterio sclerosis ... ..   | —        | 9         | 4           | 8    | —         | —         | —           | —    | 21    |
| Aortic stenosis ... ..     | —        | —         | —           | 2    | —         | —         | —           | —    | 2     |



| Diagnoses in Cases Treated   | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|------------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                              | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Endocarditis ... ..          | —        | 1         | 1           | —    | —         | —         | —           | —    | 2     |
| Auricular fibrillation ...   | —        | 6         | —           | 2    | —         | —         | —           | —    | 8     |
| Myocarditis ... ..           | —        | 6         | 3           | 1    | —         | —         | —           | —    | 10    |
| Mitral stenosis ... ..       | —        | 7         | 4           | —    | —         | —         | —           | —    | 11    |
| Carditis ... ..              | 1        | —         | 1           | 1    | —         | —         | —           | —    | 3     |
| Congestive heart failure ... | —        | 19        | 2           | 49   | —         | —         | —           | —    | 70    |
| Congenital heart disease ... | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Tachycardia ... ..           | 1        | 4         | —           | 1    | —         | —         | —           | —    | 6     |
| Angina ... ..                | 7        | 6         | —           | 1    | —         | —         | —           | —    | 14    |
| Rheumatic Carditis ... ..    | —        | —         | 1           | 3    | —         | —         | —           | —    | 4     |
| Heart failure ... ..         | —        | 10        | 3           | 50   | —         | —         | —           | —    | 63    |
|                              |          |           |             |      |           |           |             |      | 362   |
| CONSTITUTIONAL.              |          |           |             |      |           |           |             |      |       |
| Diabetes Mellitus ... ..     | —        | 33        | 4           | 3    | —         | —         | —           | —    | 40    |
| Nutritional disorder ... ..  | 18       | 2         | —           | —    | —         | —         | —           | —    | 20    |
| Marasmus ... ..              | —        | 3         | —           | 1    | —         | —         | —           | —    | 4     |
| Malnutrition... ..           | 4        | 5         | 4           | —    | —         | —         | —           | —    | 13    |
| Rickets ... ..               | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Cachexia ... ..              | —        | —         | —           | 2    | —         | —         | —           | —    | 2     |
| Diabetic coma ... ..         | —        | 3         | 1           | —    | —         | —         | —           | —    | 4     |
|                              |          |           |             |      |           |           |             |      | 84    |
| EYE.                         |          |           |             |      |           |           |             |      |       |
| Conjunctivitis ... ..        | 3        | 3         | —           | —    | —         | —         | —           | —    | 6     |
| Cataract ... ..              | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
|                              |          |           |             |      |           |           |             |      | 7     |
| EAR, NOSE AND THROAT.        |          |           |             |      |           |           |             |      |       |
| Enlarged T's. and A's. ...   | 23       | 2         | —           | —    | 1080      | —         | —           | —    | 1105  |
| Quinsy ... ..                | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |
| Otitis Media ... ..          | 43       | 12        | 2           | —    | —         | —         | —           | —    | 57    |
| Mastoiditis ... ..           | —        | —         | —           | —    | 5         | 4         | —           | —    | 9     |

| Diagnoses in Cases Treated    | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL. |
|-------------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|--------|
|                               | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |        |
| Laryngitis ... ..             | 1        | —         | —           | —    | —         | —         | —           | —    | 1      |
| Nasal obstruction ... ..      | 1        | —         | —           | —    | —         | —         | —           | —    | 1      |
| Sinusitis ... ..              | —        | 1         | —           | —    | —         | —         | —           | —    | 1      |
| Adenoids ... ..               | —        | —         | —           | —    | 4         | —         | —           | —    | 4      |
| Bleeding tonsil tag ... ..    | 1        | —         | —           | —    | —         | —         | —           | —    | 1      |
| Coryza ... ..                 | 2        | —         | —           | —    | —         | —         | —           | —    | 2      |
|                               |          |           |             |      |           |           |             |      | 1183   |
| <b>GENITO URINARY.</b>        |          |           |             |      |           |           |             |      |        |
| Nephritis ... ..              | —        | 8         | 2           | 3    | —         | —         | —           | —    | 13     |
| Urethral stricture ... ..     | 1        | 2         | —           | —    | —         | —         | —           | —    | 3      |
| Vesical calculus ... ..       | 1        | —         | —           | —    | —         | —         | —           | —    | 1      |
| Pyelitis ... ..               | 21       | 11        | 1           | —    | —         | —         | —           | —    | 33     |
| Enlarged prostate ... ..      | 4        | 21        | 1           | 5    | —         | —         | —           | —    | 31     |
| Uræmia ... ..                 | —        | 1         | 2           | 26   | —         | —         | —           | —    | 29     |
| Renal colic ... ..            | 1        | 2         | —           | —    | —         | —         | —           | —    | 3      |
| Urinary calculus ... ..       | 6        | 3         | —           | —    | —         | —         | —           | —    | 9      |
| Pyelonephritis ... ..         | —        | —         | —           | 1    | —         | —         | —           | —    | 1      |
| Suprapubic fistula. ... ..    | —        | —         | 2           | —    | —         | —         | —           | —    | 2      |
| Hydronephroma of kidney... .. | —        | —         | 1           | —    | —         | —         | —           | —    | 1      |
| Hypernephrosis ... ..         | —        | 1         | —           | —    | —         | —         | —           | —    | 1      |
| Circumcision ... ..           | —        | —         | —           | —    | 68        | 1         | —           | —    | 69     |
| Hæmaturia ... ..              | —        | 2         | 1           | —    | —         | —         | —           | —    | 3      |
| Retention. ... ..             | 6        | 8         | 2           | —    | —         | —         | —           | —    | 16     |
| Oliguria ... ..               | —        | 1         | —           | —    | —         | —         | —           | —    | 1      |
| Undescended testicle ... ..   | —        | —         | —           | —    | —         | 2         | —           | —    | 2      |
| Incontinence ... ..           | —        | —         | 1           | —    | —         | —         | —           | —    | 1      |
| Cystitis ... ..               | 3        | 18        | —           | 1    | —         | —         | —           | —    | 22     |
| Papilloma of bladder ... ..   | —        | —         | —           | —    | —         | 2         | —           | —    | 2      |
| Epididymo-orchitis ... ..     | —        | 1         | —           | —    | —         | —         | —           | —    | 1      |
|                               |          |           |             |      |           |           |             |      | 244    |



| Diagnoses in Cases Treated    | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |  |
|-------------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|--|
|                               | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |  |
| GLANDS.                       |          |           |             |      |           |           |             |      |       |  |
| Adenitis ... ..               | 17       | 24        | 3           | —    | —         | —         | —           | —    | 44    |  |
| Cervical abscess ... ..       | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |  |
| Hodgkin's disease ... ..      | —        | 1         | —           | 2    | —         | —         | —           | —    | 3     |  |
| Adenoma ... ..                | —        | 4         | —           | —    | —         | —         | —           | —    | 4     |  |
| Goitre ... ..                 | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |  |
| Thyrototoxicosis ... ..       | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |  |
|                               |          |           |             |      |           |           |             |      | 55    |  |
| GYNAECOLOGICAL.               |          |           |             |      |           |           |             |      |       |  |
| Abortion ... ..               | —        | —         | —           | —    | 299       | —         | —           | 3    | 302   |  |
| Fibrosis Uteri ... ..         | —        | —         | —           | —    | 50        | —         | —           | 1    | 51    |  |
| Ovarian cyst ... ..           | —        | —         | —           | —    | 23        | 1         | —           | —    | 24    |  |
| Uterine haemorrhage ... ..    | —        | —         | —           | —    | —         | 22        | —           | —    | 22    |  |
| Mastitis ... ..               | —        | —         | —           | —    | 15        | —         | —           | —    | 15    |  |
| Amenorrhoea ... ..            | —        | —         | —           | —    | 4         | —         | —           | —    | 4     |  |
| Menorrhagia ... ..            | —        | —         | —           | —    | —         | 17        | —           | —    | 17    |  |
| Metrorrhagia ... ..           | —        | —         | —           | —    | —         | 7         | —           | —    | 7     |  |
| Vaginitis ... ..              | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |  |
| Dysmenorrhoea ... ..          | —        | —         | —           | —    | 11        | —         | —           | —    | 11    |  |
| Bartholin's cyst ... ..       | —        | —         | —           | —    | 2         | —         | —           | —    | 2     |  |
| Bartholin's abscess ... ..    | —        | —         | —           | —    | 2         | 1         | —           | —    | 3     |  |
| Erosion of cervix ... ..      | —        | —         | —           | —    | 8         | —         | —           | —    | 8     |  |
| Hysterectomy ... ..           | —        | —         | —           | —    | 31        | —         | —           | —    | 31    |  |
| Deficient pelvic floor ... .. | —        | —         | —           | —    | 29        | —         | —           | —    | 29    |  |
| Cervical polypi ... ..        | —        | —         | —           | —    | 15        | —         | —           | —    | 15    |  |
| Salpingitis ... ..            | —        | —         | —           | —    | 18        | —         | —           | —    | 18    |  |
| Retroversion ... ..           | —        | —         | —           | —    | 13        | —         | —           | —    | 13    |  |
| Salpingo-oophoritis... ..     | —        | —         | —           | —    | 4         | —         | —           | —    | 4     |  |
| Retained products ... ..      | —        | —         | —           | —    | 12        | —         | —           | —    | 12    |  |
| Urethral caruncle... ..       | —        | —         | —           | —    | 5         | —         | —           | —    | 5     |  |

| Diagnoses in Cases Treated  | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|-----------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                             | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Cystocele ... ..            | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
| For sterilization ... ..    | —        | —         | —           | —    | —         | 2         | —           | —    | 2     |
| Sterility ... ..            | —        | —         | —           | —    | 26        | —         | —           | —    | 26    |
| Endometritis ... ..         | —        | —         | —           | —    | 5         | —         | —           | —    | 5     |
| Dermoid cyst ... ..         | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
| Urethral tear ... ..        | —        | —         | —           | —    | 3         | —         | —           | —    | 3     |
| Procidentia ... ..          | —        | —         | —           | —    | 3         | —         | —           | —    | 3     |
| Pelvic abscess ... ..       | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
| Vaginal discharge ... ..    | —        | —         | —           | —    | 2         | —         | —           | —    | 2     |
| E.U.A. ... ..               | —        | —         | —           | —    | —         | —         | 4           | —    | 4     |
| Menopausal syndrome ... ..  | —        | —         | —           | —    | —         | 1         | —           | —    | 1     |
| Imperforate hymen ... ..    | —        | —         | —           | —    | —         | 1         | —           | —    | 1     |
|                             |          |           |             |      |           |           |             |      | 644   |
| <b>INFECTIOUS.</b>          |          |           |             |      |           |           |             |      |       |
| Influenza ... ..            | 7        | 1         | —           | —    | —         | —         | —           | —    | 8     |
| Puerperal pyrexia ... ..    | 1        | 1         | —           | —    | —         | —         | —           | —    | 2     |
| Scarlet Fever ... ..        | —        | —         | 3           | —    | —         | —         | —           | —    | 3     |
| Poliomyelitis ... ..        | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |
| Dysentery ... ..            | 2        | 1         | 35          | —    | —         | —         | —           | —    | 38    |
| Whooping Cough ... ..       | —        | 1         | 2           | —    | —         | —         | —           | —    | 3     |
| Measles ... ..              | —        | —         | 39          | —    | —         | —         | —           | —    | 39    |
| Diphtheria ... ..           | 1        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Typhoid ... ..              | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Mumps ... ..                | 1        | —         | 1           | —    | —         | —         | —           | —    | 2     |
| Erysipelas ... ..           | 2        | —         | 2           | —    | —         | —         | —           | —    | 4     |
| Rubella ... ..              | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Cerebro spinal fever ... .. | —        | —         | 3           | —    | —         | —         | —           | —    | 3     |
| Actinomycosis ... ..        | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
|                             |          |           |             |      |           |           |             |      | 107   |



| Diagnoses in Cases Treated  | MEDICAL. |               |                 |      | SURGICAL. |               |                 |      | TOTAL |
|-----------------------------|----------|---------------|-----------------|------|-----------|---------------|-----------------|------|-------|
|                             | Cured    | Re-<br>lieved | Unre-<br>lieved | Died | Cured     | Re-<br>lieved | Unre-<br>lieved | Died |       |
| MATERNITY.                  |          |               |                 |      |           |               |                 |      |       |
| Pyelitis of pregnancy       | —        | —             | —               | —    | 19        | —             | 1               | —    | 20    |
| False labour pains          | —        | —             | —               | —    | —         | 24            | —               | —    | 24    |
| Ectopic gestation           | —        | —             | —               | —    | —         | 8             | —               | —    | 8     |
| Albuminuria of pregnancy    | —        | —             | —               | —    | 2         | —             | —               | —    | 2     |
| A.P.H.                      | —        | —             | —               | —    | —         | 6             | —               | —    | 6     |
| R.B.P.                      | —        | —             | —               | —    | —         | 5             | —               | —    | 5     |
| Anaemia of pregnancy        | —        | —             | —               | —    | —         | 4             | —               | —    | 4     |
| Vomiting of pregnancy       | —        | —             | —               | —    | —         | 1             | —               | —    | 1     |
| A.N. Observation            | —        | —             | —               | —    | —         | 12            | —               | —    | 12    |
| A.N. rest                   | —        | —             | —               | —    | —         | 3             | —               | —    | 3     |
| Hyperemesis                 | —        | —             | —               | —    | 3         | —             | —               | —    | 3     |
| Termination of pregnancy    | —        | —             | —               | —    | 1         | —             | —               | —    | 1     |
| Toxaemia of pregnancy       | —        | —             | —               | —    | —         | 3             | —               | —    | 3     |
| Ruptured tubal pregnancy... | —        | —             | —               | —    | —         | —             | —               | 1    | 1     |
|                             |          |               |                 |      |           |               |                 |      | 93    |
| MENTAL.                     |          |               |                 |      |           |               |                 |      |       |
| Uncertified                 | —        | 14            | 149             | —    | —         | —             | —               | —    | 163   |
| Certified                   | —        | —             | 26              | —    | —         | —             | —               | —    | 26    |
| Mental Deficiency           | —        | —             | 13              | —    | —         | —             | —               | —    | 13    |
| Epilepsy                    | —        | 22            | —               | —    | —         | —             | —               | —    | 22    |
| Senile Dementia             | —        | 2             | 5               | —    | —         | —             | —               | —    | 7     |
| Loss of memory              | 1        | 6             | 2               | —    | —         | —             | —               | —    | 9     |
| Hysteria                    | —        | 15            | 1               | —    | —         | —             | —               | —    | 16    |
| Depression                  | 3        | 1             | —               | —    | —         | —             | —               | —    | 4     |
| Idiopathic epilepsy...      | —        | 1             | —               | 1    | —         | —             | —               | —    | 2     |
|                             |          |               |                 |      |           |               |                 |      | 262   |
| NERVOUS AND SENSORY.        |          |               |                 |      |           |               |                 |      |       |
| Cerebral haemorrhage        | —        | 9             | 5               | 54   | —         | —             | —               | —    | 68    |
| Meningitis                  | 2        | 2             | —               | 5    | —         | —             | —               | —    | 9     |
| Chorea                      | —        | 3             | —               | —    | —         | —             | —               | —    | 3     |

| Diagnoses in Cases Treated | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|----------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                            | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Hemiplegia ... ..          | —        | 8         | 5           | 4    | —         | —         | —           | —    | 17    |
| Sciatica ... ..            | —        | 7         | —           | —    | —         | —         | —           | —    | 7     |
| Neurasthenia ... ..        | —        | 3         | 1           | —    | —         | —         | —           | —    | 4     |
| Neurosis ... ..            | —        | 15        | 3           | —    | —         | —         | —           | —    | 18    |
| Paralysis agitans ... ..   | —        | 1         | 1           | —    | —         | —         | —           | —    | 2     |
| Cerebral thrombosis ...    | 2        | 15        | 5           | 26   | —         | —         | —           | —    | 48    |
| Neuralgia ... ..           | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Neuritis ... ..            | 1        | 2         | —           | —    | —         | —         | —           | —    | 3     |
| Cerebral tumour ... ..     | 1        | —         | 3           | —    | —         | —         | —           | —    | 4     |
| Glioma ... ..              | —        | —         | —           | 1    | —         | —         | —           | —    | 1     |
| Paraplegia ... ..          | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |
| Encephalitis ... ..        | —        | —         | 1           | 1    | —         | —         | —           | —    | 2     |
| Cerebral abscess ... ..    | —        | —         | —           | 1    | —         | —         | —           | —    | 1     |
| Subarachnoid haemorrhage   | 2        | 2         | —           | 1    | —         | —         | —           | —    | 5     |
| Paralysis ... ..           | —        | 4         | 1           | —    | —         | —         | —           | —    | 5     |
| Migraine ... ..            | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Habit vomiting ... ..      | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Hydrocephalus ... ..       | —        | —         | —           | 1    | —         | —         | —           | —    | 1     |
| Headache ... ..            | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
|                            |          |           |             |      |           |           |             |      | 204   |
| RESPIRATORY.               |          |           |             |      |           |           |             |      |       |
| Bronchitis ... ..          | 35       | 90        | 20          | 8    | —         | —         | —           | —    | 153   |
| Pneumonia ... ..           | 115      | 44        | 5           | 65   | —         | —         | —           | —    | 229   |
| Pleural effusion ... ..    | 2        | 4         | 8           | —    | —         | —         | —           | —    | 14    |
| Bronchial Catarrh ... ..   | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |
| Bronchiectasis ... ..      | 3        | 9         | —           | 2    | —         | —         | —           | —    | 14    |
| Atelectasis ... ..         | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |
| Pleurisy ... ..            | 11       | 10        | —           | —    | —         | —         | —           | —    | 21    |
| Emphysema ... ..           | 1        | 1         | —           | —    | —         | —         | —           | —    | 2     |
| Asthma ... ..              | —        | 34        | 1           | 2    | —         | —         | —           | —    | 37    |



| Diagnoses in Cases Treated             | MEDICAL. |               |                 |      | SURGICAL. |               |                 |      | TOTAL |
|--|----------|---------------|-----------------|------|-----------|---------------|-----------------|------|-------|
|  | Cured    | Re-<br>lieved | Unre-<br>lieved | Died | Cured     | Re-<br>lieved | Unre-<br>lieved | Died |       |
| Empyema ... ..                         | —        | 2             | —               | 3    | —         | —             | —               | —    | 5     |
| Pulmonary congestion ...               | —        | 1             | —               | 3    | —         | —             | —               | —    | 4     |
| Spontaneous Pneumothorax               | —        | 1             | —               | —    | —         | —             | —               | —    | 1     |
| Neoplasm of lung ... ..                | —        | 1             | —               | —    | —         | —             | —               | —    | 1     |
| Fibrosis of lungs ... ..               | 1        | 2             | —               | —    | —         | —             | —               | —    | 3     |
| Pulmonary embolism ...                 | —        | 1             | —               | 6    | —         | —             | —               | —    | 7     |
| Pyrexia ... ..                         | 1        | —             | —               | —    | —         | —             | —               | —    | 1     |
|  |          |               |                 |      |           |               |                 |      | 495   |
| SENILITY ... ..                        | —        | —             | 35              | 6    | —         | —             | —               | —    | 41    |
| SKIN.                                  |          |               |                 |      |           |               |                 |      |       |
| Boils, abscess and carbuncles,<br>etc. | 45       | 34            | —               | —    | —         | —             | —               | —    | 79    |
| Burns and scalds ... ..                | —        | —             | —               | —    | 6         | 9             | 2               | 3    | 20    |
| Eczema ... ..                          | 8        | 7             | 3               | —    | —         | —             | —               | —    | 18    |
| Impetigo ... ..                        | 10       | 7             | —               | —    | —         | —             | —               | —    | 17    |
| Scabies ... ..                         | 9        | 3             | 1               | —    | —         | —             | —               | —    | 13    |
| Dermatitis ... ..                      | 7        | 8             | 2               | —    | —         | —             | —               | —    | 17    |
| Septic spots ... ..                    | 2        | 4             | —               | —    | —         | —             | —               | —    | 6     |
| Ingrowing toenail ... ..               | —        | —             | —               | —    | —         | 1             | —               | —    | 1     |
| Cellulitis ... ..                      | —        | —             | —               | —    | 8         | 11            | —               | 1    | 20    |
| Ulceration ... ..                      | 11       | 1             | —               | —    | —         | —             | —               | —    | 12    |
| Urticaria ... ..                       | 2        | 1             | —               | —    | —         | —             | —               | —    | 3     |
| Papilloma ... ..                       | —        | 2             | —               | —    | —         | —             | —               | —    | 2     |
| Whitlow ... ..                         | —        | —             | —               | —    | —         | 2             | —               | —    | 2     |
| Psoriasis ... ..                       | 1        | —             | —               | —    | —         | —             | —               | —    | 1     |
| Herpes ... ..                          | —        | 1             | —               | —    | —         | —             | —               | —    | 1     |
|  |          |               |                 |      |           |               |                 |      | 212   |
| PULMONARY TUBERCULOSIS                 | —        | 51            | 35              | 21   | —         | —             | —               | —    | 107   |
| NON-PULMONARY<br>TUBERCULOSIS.         |          |               |                 |      |           |               |                 |      |       |
| Meninges ... ..                        | —        | 2             | —               | 6    | —         | —             | —               | —    | 8     |
| Hip ... ..                             | —        | —             | 1               | —    | —         | —             | —               | —    | 1     |

| Diagnoses in Cases Treated                 | MEDICAL. |           |             |      | SURGICAL. |           |             |      | TOTAL |
|--|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|  | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Glands ... ..                              | —        | 3         | 2           | 1    | —         | —         | —           | —    | 6     |
| Kidney ... ..                              | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| Peritoneum ... ..                          | —        | 2         | —           | 1    | —         | —         | —           | —    | 3     |
| Miliary ... ..                             | —        | —         | 1           | 2    | —         | —         | —           | —    | 3     |
| Abdominal ... ..                           | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Spine ... ..                               | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Sacro iliac joint ... ..                   | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
| Knee ... ..                                | —        | —         | 1           | —    | —         | —         | —           | —    | 1     |
|  |          |           |             |      |           |           |             |      | 26    |
| VENEREAL.                                  |          |           |             |      |           |           |             |      |       |
| Gonorrhoea ... ..                          | 1        | —         | 1           | —    | —         | —         | —           | —    | 2     |
| Syphilis ... ..                            | —        | 2         | 3           | —    | —         | —         | —           | —    | 5     |
|  |          |           |             |      |           |           |             |      | 7     |
| VIOLENCE.                                  |          |           |             |      |           |           |             |      |       |
| Fractured limbs ... ..                     | —        | —         | —           | —    | 5         | 103       | 15          | 21   | 144   |
| Fractured spine ... ..                     | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
| Fractured malleolus ... ..                 | —        | —         | —           | —    | 1         | 5         | 2           | 1    | 9     |
| Fractured skull ... ..                     | —        | —         | —           | —    | —         | 2         | —           | 1    | 3     |
| Fractured ribs ... ..                      | —        | —         | —           | —    | 4         | 5         | —           | —    | 9     |
| Fractured clavicle ... ..                  | —        | —         | —           | —    | —         | 5         | —           | —    | 5     |
| Fractured pelvis ... ..                    | —        | —         | —           | —    | —         | 1         | —           | —    | 1     |
| Fractured sacrum ... ..                    | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
| Fractured nasal bones ... ..               | —        | —         | —           | —    | —         | 1         | —           | —    | 1     |
| Fractured lumbar transverse process ... .. | —        | —         | —           | —    | 1         | —         | —           | —    | 1     |
| Minor injuries ... ..                      | —        | —         | —           | —    | 3         | 4         | —           | —    | 7     |
| Contusions and abrasions                   | —        | —         | —           | —    | 10        | 16        | 1           | —    | 27    |
| Sprain ... ..                              | —        | —         | —           | —    | 7         | 1         | —           | —    | 8     |
| Bruises ... ..                             | —        | —         | —           | —    | 2         | 3         | —           | —    | 5     |
| Dislocation ... ..                         | —        | —         | —           | —    | 3         | 9         | 2           | —    | 14    |
| Gun shot wound ... ..                      | —        | —         | —           | —    | 2         | 18        | 10          | 1    | 31    |



| Diagnoses in Cases Treated    | MEDICAL. |           |             |      | SURGICAL. |           |             |      | Total |
|-------------------------------|----------|-----------|-------------|------|-----------|-----------|-------------|------|-------|
|                               | Cured    | Re-lieved | Unre-lieved | Died | Cured     | Re-lieved | Unre-lieved | Died |       |
| Concussion ... ..             | —        | —         | —           | —    | 13        | 29        | 1           | —    | 43    |
| Lacerations, wounds, etc.     | —        | —         | —           | —    | 17        | 12        | 2           | —    | 31    |
| Amputations ... ..            | —        | —         | —           | —    | —         | 3         | —           | —    | 3     |
|                               |          |           |             |      |           |           |             |      | 344   |
| <b>MISCELLANEOUS.</b>         |          |           |             |      |           |           |             |      |       |
| Poisoning ... ..              | 5        | —         | —           | 2    | —         | —         | —           | —    | 7     |
| B.B.A. ... ..                 | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |
| N.A.D. ... ..                 | 51       | —         | —           | —    | —         | —         | —           | —    | 51    |
| P.U.O. ... ..                 | —        | 1         | —           | —    | —         | —         | —           | —    | 1     |
| With Mother ... ..            | 23       | —         | —           | —    | —         | —         | —           | —    | 23    |
| Hare lip and cleft palate ... | —        | —         | —           | —    | 2         | —         | —           | —    | 2     |
| Dentition ... ..              | —        | 2         | —           | —    | —         | —         | —           | —    | 2     |
| Prematurity ... ..            | —        | 1         | —           | 2    | —         | —         | —           | —    | 3     |
| Post op. ; haemorrhage ...    | 2        | —         | —           | —    | —         | —         | —           | —    | 2     |
| Stings ... ..                 | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |
| F.B. ... ..                   | —        | —         | —           | —    | 5         | —         | —           | —    | 5     |
| Extraction of tooth ...       | —        | —         | —           | —    | 2         | 2         | —           | —    | 4     |
| Malingering ... ..            | 1        | —         | —           | —    | —         | —         | —           | —    | 1     |
| For X-ray ... ..              | —        | —         | 2           | —    | —         | —         | —           | —    | 2     |
|                               |          |           |             |      |           |           |             |      | 105   |

**TOTAL NUMBER OF PATIENTS DISCHARGED FROM MAYDAY HOSPITAL  
YEAR ENDED 31st DECEMBER, 1945.**

|                   |              |
|-------------------|--------------|
| Cured ... ..      | 5,069        |
| Relieved ... ..   | 1,697        |
| Unrelieved ... .. | 651          |
| Died ... ..       | 758          |
|                   | <u>8,175</u> |

**TOTAL NUMBER OF OUT-PATIENTS TREATED AT MAYDAY HOSPITAL  
DURING THE YEAR/ 1945 ... 12,622**

## OPERATIONS PERFORMED AT MAYDAY HOSPITAL DURING 1945

## ABDOMINAL.

|                           |     |     |     |     |     |                 |
|---------------------------|-----|-----|-----|-----|-----|-----------------|
| Appendicectomy            | ... | ... | ... | ... | ... | 189             |
| Sigmoidoscopy             | ... | ... | ... | ... | ... | 16              |
| Herniotomy                | ... | ... | ... | ... | ... | 126             |
| Cholecystectomy           | ... | ... | ... | ... | ... | 20              |
| Laparotomy                | ... | ... | ... | ... | ... | 81              |
| Gastro-enterostomy        | ... | ... | ... | ... | ... | 2               |
| Colostomy                 | ... | ... | ... | ... | ... | 14              |
| Perforated gastric ulcer  | ... | ... | ... | ... | ... | 15              |
| Injection of haemorrhoids | ... | ... | ... | ... | ... | 6               |
| Haemorrhoidectomy         | ... | ... | ... | ... | ... | 24              |
| Perforated duodenal ulcer | ... | ... | ... | ... | ... | 15              |
| Gastrosocopy              | ... | ... | ... | ... | ... | 14              |
| Undescended testicle      | ... | ... | ... | ... | ... | 3               |
| Orchidectomy              | ... | ... | ... | ... | ... | 1               |
| For hydrocele             | ... | ... | ... | ... | ... | 3               |
| Gastrectomy               | ... | ... | ... | ... | ... | 1               |
| Rammstedt's operation     | ... | ... | ... | ... | ... | 4               |
| Splenectomy               | ... | ... | ... | ... | ... | 1               |
| Intussusception           | ... | ... | ... | ... | ... | 1               |
| Gastro jejunostomy        | ... | ... | ... | ... | ... | 4               |
| Repair of liver           | ... | ... | ... | ... | ... | 1               |
|                           |     |     |     |     |     | <hr/> 541 <hr/> |

## BONES AND JOINTS.

|                              |     |     |     |     |     |                 |
|------------------------------|-----|-----|-----|-----|-----|-----------------|
| For osteo-myelitis           | ... | ... | ... | ... | ... | 2               |
| Amputation of limbs          | ... | ... | ... | ... | ... | 13              |
| Wiring of bones              | ... | ... | ... | ... | ... | 9               |
| Removal of pin               | ... | ... | ... | ... | ... | 2               |
| Resection of rib             | ... | ... | ... | ... | ... | 11              |
| Application of plaster       | ... | ... | ... | ... | ... | 39              |
| Reduction of joints          | ... | ... | ... | ... | ... | 8               |
| Manipulation of limbs        | ... | ... | ... | ... | ... | 49              |
| Osteotomy                    | ... | ... | ... | ... | ... | 2               |
| Removal of Sequestrum        | ... | ... | ... | ... | ... | 7               |
| Division of webbed phalanges | ... | ... | ... | ... | ... | 1               |
| Excision of coccyx           | ... | ... | ... | ... | ... | 3               |
| Hallux valgus                | ... | ... | ... | ... | ... | 2               |
| Arthrodesis left hip         | ... | ... | ... | ... | ... | 1               |
|                              |     |     |     |     |     | <hr/> 149 <hr/> |

## EAR, NOSE AND THROAT.

|                         |     |     |     |     |     |                   |
|-------------------------|-----|-----|-----|-----|-----|-------------------|
| Tonsillectomy           | ... | ... | ... | ... | ... | 1,023             |
| Adenoidectomy           | ... | ... | ... | ... | ... | 14                |
| Oesophagoscopy          | ... | ... | ... | ... | ... | 1                 |
| Mastoidectomy           | ... | ... | ... | ... | ... | 10                |
| Bronchoscopy            | ... | ... | ... | ... | ... | 1                 |
| Repair of hare lip      | ... | ... | ... | ... | ... | 3                 |
| Nasal septum cauterised | ... | ... | ... | ... | ... | 1                 |
| Tonsil tags             | ... | ... | ... | ... | ... | 8                 |
|                         |     |     |     |     |     | <hr/> 1,061 <hr/> |



|                                 |     |     |     |     |     |           |
|---------------------------------|-----|-----|-----|-----|-----|-----------|
| Removal of needle from perineum | ... | ... | ... | ... | ... | 1         |
|                                 |     |     |     |     |     | <hr/> 489 |

405





## PUBLIC ASSISTANCE.

(a) *Domiciliary Relief.*

Number of Croydon cases resident in the Borough and in receipt of outdoor relief on the—

|                   |     |               |     |           |
|-------------------|-----|---------------|-----|-----------|
| 1st January, 1945 | ... | 1,287 persons | ... | 767 cases |
| 1st July, 1945    | ... | 1,292         | „   | 779 „     |
| 1st January, 1946 | ... | 1,586         | „   | 871 „     |

The heavy increase at 1st January, 1946, is accounted for largely by return of persons (largely children) from evacuation.

Expenditure on Out-relief during the 12 months ended 30th September, 1945, to Croydon cases resident in the Borough:—

|                                      |     |                  |
|--------------------------------------|-----|------------------|
| Half-year ended 31st March, 1945     | ... | £28,791 14s. 6d. |
| Half-year ended 30th September, 1945 | ... | £27,703 15s. 6d. |

(b) *Institutional Relief.*

Number of Croydon persons relieved in the Mayday Hospital on 1st January, 1946, and in the Queen's Road Homes on the same date:—

|                           |     |     |
|---------------------------|-----|-----|
| Mayday Hospital           | ... | 33  |
| Queen's Road Homes        | ... | 453 |
| (excluding 82 evacuated). |     |     |

(c) *Medical Relief.*

In May, 1941, the Public Assistance Committee decided to form one panel for all districts in the Borough operating the scheme instead of separate panels for each such district.

| <i>Particulars for Year ended 31-3-46.</i>  |     | <i>All Districts.</i> |
|---|-----|-----------------------|
| (1) Average number of separate patients attended during each quarter  | ... | 1,552                 |
| (2) Attendances at Patients' homes  | ... | 10,568                |
| (3) Attendances on patients at the surgery  | ... | 13,575                |
| (4) Total number of prescriptions written   | ... | 27,630                |
| (5) Estimated cost of drugs, dressings and dispensing   | ... | £1,463 4s. 2d.        |
| (6) Estimated amount of per capita payment to doctors in respect of patients actually attended (calculated quarterly) | ... | 4s. 9.50d.            |
| (7) Estimated average payment per service point   | ... | 2.03d.                |

## HOME HELPS.

The Home Helps scheme during the year 1945 expanded considerably with the return of persons from evacuation and with the considerable increase that occurred in the birth-rate.

- (1) Number of Home Helps—January 1st  
and December 31st, 1945—
- |                      | 1/1/45. | 31/12/45. |
|----------------------|---------|-----------|
| (A) Full-time ... .. | 16      | 21        |
| (B) Part time ... .. | 7       | 9         |
- (2) Number of applications—
- |                      |     |
|----------------------|-----|
| (A) Maternity ... .. | 484 |
| (B) Sickness ... ..  | 55  |
- (3) Number of applications met—
- |                      |     |
|----------------------|-----|
| (A) Maternity ... .. | 433 |
| (B) Sickness ... ..  | 35  |
- (4) Average duration of services given—
- |                      |            |
|----------------------|------------|
| (A) Maternity ... .. | 14 days    |
| (B) Sickness ... ..  | 10—21 days |
- (5) Amount recovered for services—£752 12s. 7d.
- (6) Rate of remuneration of "Helps"—
- |                         |                    |
|-------------------------|--------------------|
| (A) Maternity :         |                    |
| Jan. 1st—April 23rd ... | £2 12s. 6d. weekly |
| April 30th—Dec. 31st... | £3 12s. 6d. weekly |
| (B) Sickness ... ..     | 1/6 per hour       |

Reference should also be made to page 89 for further data in regard to this Service.

## AMBULANCE SERVICE.

*To The Medical Officer of Health.*

I beg to submit the Fourth Annual Report and Statistics for this Service, for the year ended 31st December, 1945.

During the year the Service dealt with 6,399 calls, which is an increase of 1,663 over the figures for 1944. This increase is accounted for in the main by higher figures for Accidents (1,401 against 1,254), Private Removals (1,608 against 1,126), Transport from Hospital after Treatment (965 against 661), and Public Health Department cases (1,407 against 697).

The total mileage covered for the year by the Ambulances was 44,014 miles.



The average time for an ambulance to attend a call has remained substantially the same at 4 minutes 25 seconds, in spite of the fact that new drivers have had to be trained who are not so familiar with the roads in the district as the older members.

On numerous occasions during the past year the Croydon Ambulance Service has been requested by neighbouring Boroughs to stand by for accident calls.

Three private cars and one breakdown van have been commissioned for the Service, and have proved of great value. In addition, one Buick ambulance obtained from the Civil Defence on their disbandment is being used for the conveyance of ante- and post-natal cases to and from Mayday Hospital and St. Mary's.

The ambulance at the Borough Isolation Hospital has now come under the control of this Service. The ambulance is still, however, maintained at the Borough Hospital, although the drivers are interchangeable with the other personnel.

One other innovation is the introduction of the 8-hour shift system for officers and men at the Stations, and this is working satisfactorily.

Our system of "flagging" accident calls on a special map has been maintained, and from this I am able to derive the following figures showing the comparison between 1944 and 1945 at the various "Black-spots" in the Borough:

|  | 1944.                  | 1945. |
|--|------------------------|-------|
| <i>District 1.</i>   |                        |       |
| (Mayday Road to Bensham Lane) ...                                      | 73                     | 30    |
| <i>District 2.</i>   |                        |       |
| (George Street to "Davis Theatre" and<br>Crown Hill) ... ..            | 143                    | 98    |
| <i>District 3.</i>   |                        |       |
| ("Swan and Sugar Loaf" to "Red<br>Deer") ... ..                        | 86                     | 27    |
| <i>District 4.</i>   |                        |       |
| (High Street, South Norwood and Portland<br>Road) ... ..               | 82                     | 41    |
| <i>District 5.</i>   |                        |       |
| (North End, Croydon, from Tamworth<br>Road to Kennards, North End) ... | (no record<br>in 1944) | 48    |

and districts adjacent to these spots.



From these figures it will be noticed that there is an all-round improvement in these black-spots. Two other black-spots, however, seem to be developing, that shown as District 5 above, and a new area which is being watched in the current year, i.e., around Thornton Heath Pond.

In addition, the weekly toll of accidents is now being recorded by means of a graph at the Headquarters Station, and this should prove very useful in providing information for the Safety First Committee.

I am again able to record that we have received numerous letters of appreciation and thanks from those who have had occasion to use the ambulance service, and have had not a single complaint from the public.

I would like once more to express my thanks to the officers and staff for their ready co-operation, which has enabled an efficient ambulance service to be maintained in the Borough.

Repairs and maintenance work are now carried out by the Senior Mechanic, Mr. Innes, and his staff, and thanks are due to them for the efficient way in which they have carried out their work.

Before concluding, may I express my sincere thanks to the Members of the Ambulance Committee and to the Medical Officer of Health, for their help, encouragement and advice, which has been of great assistance to me in the performance of the duties of Chief Ambulance Officer.

A. L. HILL,  
*Chief Officer.*

## FINANCIAL STATEMENT.

### Income from Private Use of Ambulances.

Accounts totalling £480 5s. 6d. have been rendered during the year for the private use of ambulances for conveying sick persons to Hospitals, Nursing Homes, etc.

### Transport of Patients, etc.

Accounts totalling £339 9s. 9d. have been rendered to the Public Health Department for patients conveyed on their behalf.



### Transport of Patients for Public Assistance Committee.

Patients conveyed for Public Assistance Committee totalled £80 16s. 0d., and accounts to this amount have been rendered.

During the year cash to the value of £404 14s. 9d. (representing private removal money collected from patients at time of removal, and credit accounts paid to Headquarters Station) have been paid into the Borough Treasurer's Department at Barclay Road.

### ANALYSIS OF ACCIDENTS FOR YEAR ENDED 31st DECEMBER, 1945.

|  | 1944 | 1945 |
|--|------|------|
| Collision between Vehicles, Cycles, &c. ... .. | 65   | 56   |

#### PEDESTRIANS KNOCKED DOWN BY—

|                                   |           |           |
|-----------------------------------|-----------|-----------|
| (1) Motor Cycle ... ..            | 11        | 12        |
| (2) Motor Lorry ... ..            | 46        | 55        |
| (3) Pedal Cycle ... ..            | 32        | 29        |
| (4) Public Service Vehicle ... .. | 16        | 27        |
| (5) Motor Car ... ..              | 30        | 78        |
| (6) Horse drawn vehicles ... ..   | 5         | 4         |
|                                   | <hr/> 140 | <hr/> 205 |

#### INJURIES SUSTAINED BY FALLING—

|   |           |           |
|---|-----------|-----------|
| (1) In the Street ... ..                | 118       | 165       |
| (2) In the Home ... ..                  | 84        | 84        |
| (3) From Vehicles, Cycles, &c. ... ..   | 96        | 95        |
| (4) Down Stairs ... ..                  | 29        | 38        |
| (5) From Trees, Scaffolding, &c. ... .. | 12        | 18        |
| (6) From Horses ... ..                  | 1         | 1         |
|   | <hr/> 340 | <hr/> 401 |

#### WORKS ACCIDENTS—

|  |           |           |
|--|-----------|-----------|
| (1) Caught in Machinery ... ..             | 32        | 13        |
| (2) Crushed by heavy objects ... ..        | 32        | 23        |
| (3) Miscellaneous accidents at work ... .. | 141       | 110       |
|  | <hr/> 205 | <hr/> 146 |

#### ACCIDENTS IN PUBLIC PLACES—

|                                |          |          |
|--------------------------------|----------|----------|
| (1) Theatres ... ..            | 4        | 5        |
| (2) Cinemas ... ..             | 5        | 3        |
| (3) Public Halls ... ..        | 3        | 5        |
| (4) Railway Stations ... ..    | 27       | 31       |
| (5) Sports Grounds ... ..      | 23       | 45       |
| (6) Public Conveniences ... .. | 3        | 3        |
| (7) Immersion in Water ... ..  | 2        | 2        |
|                                | <hr/> 67 | <hr/> 94 |

|   | 1944       | 1945       |
|---|------------|------------|
| ACCIDENTS—  |            |            |
| (1) Dog Bites ...                                   | 1          | 4          |
| (2) Miscellaneous ...                               | 46         | 121        |
|   | <u>47</u>  | <u>125</u> |
| DEATHS—   |            |            |
| (1) Certified at Hospital ...                       | 51         | 41         |
| (2) Certified at scene of accident or illness ...   | 14         | 5          |
|   | <u>65</u>  | <u>46</u>  |
| SUICIDES—   |            |            |
| (1) Hanging ...                                     | 4          | 1          |
| (2) Poison ...                                      | —          | —          |
| (3) Cut Throat ...                                  | —          | —          |
| (4) Coal Gas Poisoning ...                          | 2          | 4          |
| (5) Drowned in Bath ...                             | —          | 1          |
|   | <u>6</u>   | <u>6</u>   |
| ATTEMPTED SUICIDE—                                  |            |            |
| (1) Hanging ...                                     | —          | —          |
| (2) Poison ...                                      | 7          | 10         |
| (3) Cut Throat ...                                  | 3          | 2          |
| (4) Coal Gas Poisoning ...                          | 5          | 5          |
| (5) Injury by Chopper ...                           | 1          | —          |
| (6) Cutting Wrists ...                              | —          | 2          |
|   | <u>16</u>  | <u>19</u>  |
| MURDER ...  | —          | 1          |
| BURNS AND SCALDS ...                                | 36         | 50         |
| PERSONS FALLING FROM PUBLIC SERVICE<br>VEHICLES ... | 48         | 41         |
| COMMON ASSAULT ...                                  | 29         | 32         |
| ACCIDENTS TO CHILDREN UNDER 16 YEARS OF<br>AGE—     |            |            |
| (1) Schools ...                                     | 28         | 59         |
| (2) In the Home ...                                 | 73         | 88         |
| (3) In the Streets ...                              | 130        | 289        |
|   | <u>231</u> | <u>436</u> |



## STATISTICS.

During the year 6,399 calls were dealt with by the Ambulance Service as follows :—

|   | 1944. | 1945. |
|---|-------|-------|
| Accidents in Street, Places of Employment, Public Places                        | 1027  | 1135  |
| Accidents in Private Houses ... ..  | 227   | 266   |
| Sudden Illness in Street, Places of Employment, Public Places ... ..            | 569   | 552   |
| Sudden Illness in Private Houses ... ..   | 98    | 138   |
| Calls to incidents due to enemy action ... ..                                   | 76    | —     |
| Transport of Cases from Hospital after treatment ... ..                         | 661   | 965   |
| Private Removals from Hospitals, Nursing Homes, Private Residences, etc. ... .. | 1126  | 1608  |
| Public Health Department—Transport of Patients ... ..                           | 697   | 1407  |
| Public Assistance Committee—Transport of Patients ... ..                        | 165   | 194   |
| Service of Ambulance not required or refused ... ..                             | 90    | 134   |
| Totals ...  | 4736  | 6399  |

## INCIDENCE OF CALLS.

| 3 days | 5 calls | 25 days | 16 calls | 7 days | 27 calls |
|--------|---------|---------|----------|--------|----------|
| 3 "    | 6 "     | 26 "    | 17 "     | 7 "    | 28 "     |
| 4 "    | 7 "     | 15 "    | 18 "     | 4 "    | 29 "     |
| 10 "   | 8 "     | 31 "    | 19 "     | 1 "    | 30 "     |
| 14 "   | 9 "     | 15 "    | 20 "     | 4 "    | 31 "     |
| 12 "   | 10 "    | 15 "    | 21 "     | 7 "    | 32 "     |
| 19 "   | 11 "    | 10 "    | 22 "     | 2 "    | 33 "     |
| 20 "   | 12 "    | 18 "    | 23 "     | 2 "    | 34 "     |
| 26 "   | 13 "    | 10 "    | 24 "     | 1 "    | 35 "     |
| 18 "   | 14 "    | 6 "     | 25 "     | 1 "    | 36 "     |
| 22 "   | 15 "    | 5 "     | 26 "     | 1 "    | 43 "     |
|        |         |         |          | 1 "    | 46 "     |

## HOURS AT WHICH CALLS WERE RECEIVED.

|                           |     |                            |     |
|---------------------------|-----|----------------------------|-----|
| 12 midnight to 1 a.m. ... | 153 | 12 noon to 1 p.m. ...      | 468 |
| 1 a.m. to 2 a.m. ...      | 100 | 1 p.m. to 2 p.m. ...       | 345 |
| 2 a.m. to 3 a.m. ...      | 113 | 2 p.m. to 3 p.m. ...       | 489 |
| 3 a.m. to 4 a.m. ...      | 83  | 3 p.m. to 4 p.m. ...       | 490 |
| 4 a.m. to 5 a.m. ...      | 95  | 4 p.m. to 5 p.m. ...       | 431 |
| 5 a.m. to 6 a.m. ...      | 84  | 5 p.m. to 6 p.m. ...       | 363 |
| 6 a.m. to 7 a.m. ...      | 80  | 6 p.m. to 7 p.m. ...       | 315 |
| 7 a.m. to 8 a.m. ...      | 86  | 7 p.m. to 8 p.m. ...       | 242 |
| 8 a.m. to 9 a.m. ...      | 197 | 8 p.m. to 9 p.m. ...       | 242 |
| 9 a.m. to 10 a.m. ...     | 322 | 9 p.m. to 10 p.m. ...      | 219 |
| 10 a.m. to 11 a.m. ...    | 496 | 10 p.m. to 11 p.m. ...     | 259 |
| 11 a.m. to 12 noon ...    | 524 | 11 p.m. to 12 midnight ... | 203 |

2,333 .

4,066

Total : 6,399.

## COMPARATIVE TABLE OF AMBULANCE CALLS, MILEAGE AND INCOME.

| MILEAGES |                  |       | AMBULANCE CALLS |         |        |       | INCOME              |                    |
|----------|------------------|-------|-----------------|---------|--------|-------|---------------------|--------------------|
| Year     | Average per call | Total | Public          | Private | Deptl. | Total | Private             | Deptl.             |
| 1940     | 4.8              | 17039 | 2660            | 532     | 394    | 3586  | £ s. d.<br>180 17 6 | £ s. d.<br>114 3 9 |
| 1941     | 5.03             | 17507 | 2448            | 573     | 459    | 3480  | 198 5 9             | 122 7 3            |
| 1942     | 5.56             | 23418 | 2690            | 992     | 526    | 4208  | 418 12 3            | 148 2 3            |
| 1943     | 5.95             | 28643 | 2926            | 1162    | 718    | 4806  | 505 9 6             | 258 3 9            |
| 1944     | 6.00             | 28481 | 2748            | 1126    | 862    | 4736  | 535 13 9            | 283 11 6           |
| 1945     | 6.88             | 44014 | 3190            | 1608    | 1601   | 6399  | 480 5 6             | 339 9 9            |

## HOW CALLS WERE RECEIVED.

| Police | Fire Station | Ambulance Call Boxes | Public | TOTAL |
|--------|--------------|----------------------|--------|-------|
| 471    | 125          | 133                  | 5670   | 6399  |

The arrangements for mutual assistance with the following authorities for the use of ambulances to convey persons injured in accidents, etc., to home addresses after treatment at hospitals, continue to operate satisfactorily.

The authorities concerned are as follows:—

| Authority.   | Geographical Position in relation to Croydon. | No. of Cases conveyed from area concerned to Croydon. |
|--|---|---|
| Borough of Beckenham ...                                 | East of Borough Boundary                      | 4   |
| Borough of Carshalton, ...<br>Beddington and Wallington. | West " " ...                                  | 1   |
| Borough of Mitcham ...                                   | North-West " " ...                            | 4   |
| Coulsdon and Purley ...<br>U.D.C.                        | South " " ...                                 | 13  |
| London County Council ...                                | North " " ...                                 | 11  |
| Sutton and Cheam Borough                                 | West " " ...                                  | 1   |





## STREET ACCIDENTS TO CHILDREN UNDER 16 YEARS OF AGE.

From 1st January to 31st December, 1945.

| Hours     | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. | TOTAL |
|-----------|------|------|-------|------|--------|------|------|-------|
| a.m.      |      |      |       |      |        |      |      |       |
| 12—1      | —    | —    | —     | —    | —      | —    | —    | —     |
| 1—2       | —    | —    | —     | —    | —      | —    | —    | —     |
| 2—3       | —    | —    | —     | —    | —      | —    | —    | —     |
| 3—4       | —    | —    | —     | —    | —      | —    | —    | —     |
| 4—5       | —    | —    | —     | —    | —      | —    | —    | —     |
| 5—6       | —    | —    | —     | —    | —      | —    | —    | —     |
| 6—7       | —    | —    | —     | —    | —      | —    | —    | —     |
| 7—8       | —    | —    | —     | —    | —      | —    | 1    | 1     |
| 8—9       | —    | 1    | 1     | 3    | —      | 2    | 2    | 9     |
| 9—10      | —    | 2    | 1     | 2    | 1      | —    | —    | 6     |
| 10—11     | 2    | 1    | 1     | —    | 5      | 2    | 3    | 14    |
| 11—12     | 1    | 2    | 5     | 1    | 2      | 5    | 11   | 27    |
| p.m.      |      |      |       |      |        |      |      |       |
| 12—1      | 4    | 4    | 3     | 3    | 4      | 3    | 6    | 27    |
| 1—2       | 1    | 1    | 3     | 1    | 5      | 3    | 3    | 17    |
| 2—3       | —    | 3    | 2     | 1    | 4      | —    | 2    | 12    |
| 3—4       | 4    | 3    | 4     | 6    | 2      | 6    | 3    | 28    |
| 4—5       | 2    | 8    | 4     | 1    | 4      | 6    | 7    | 32    |
| 5—6       | 8    | 3    | 5     | 4    | 2      | 11   | 2    | 35    |
| 6—7       | 2    | 6    | 8     | 3    | 4      | 7    | —    | 30    |
| 7—8       | 1    | 6    | 4     | 3    | 4      | 3    | 1    | 22    |
| 8—9       | 3    | 4    | 2     | 2    | 3      | 2    | 2    | 18    |
| 9—10      | 1    | 1    | 1     | 1    | —      | 3    | 1    | 8     |
| 10—11     | —    | —    | —     | 1    | —      | 1    | —    | 2     |
| 11—12     | —    | —    | —     | —    | —      | —    | 1    | 1     |
| TOTAL ... | 29   | 45   | 44    | 32   | 40     | 54   | 45   | 289   |

TABLE I.



TABLE I.  
INFECTIOUS DISEASES NOTIFIED DURING YEAR 1945.

| Notifiable Disease.                             | Cases notified in the whole District. |                |      |       |        |        |        |            | Total cases notified in each Ward. |          |                |                |                 |                |           |       |             |                   |              |          |         |        |            |   |    | Total cases removed to Borough Hospital & diagnosis confirmed. | Total Deaths in the Borough. | Sex Distribution |  |
|---|---------------------------------------|----------------|------|-------|--------|--------|--------|------------|------------------------------------|----------|----------------|----------------|-----------------|----------------|-----------|-------|-------------|-------------------|--------------|----------|---------|--------|------------|---|----|--|------------------------------|------------------|--|
|   | At all Ages.                          | At ages—years. |      |       |        |        |        |            | Upper Norwood.                     | Norbury. | West Thornton. | Bensham Manor. | Thornton Heath. | South Norwood. | Woodside. | East. | Addiscombe. | Whitehorse Manor. | Broad Green. | Central. | Waddon. | South. | Addington. | M | F  |  |                              |                  |  |
|   |                                       | Under 1 year.  | 1—4. | 5—14. | 15—24. | 25—44. | 45—64. | 65 and up. |                                    |          |                |                |                 |                |           |       |             |                   |              |          |         |        |            |   |    |  |                              |                  |  |
| Scarlet Fever ... ..                            | 403                                   | 4              | 107  | 236   | 30     | 22     | 4      | —          | 11                                 | 19       | 26             | 6              | 28              | 21             | 29        | 32    | 50          | 20                | 27           | 17       | 40      | 11     | 66         | — | —  | 187  | 216                          |                  |  |
| Diphtheria ... ..                               | 29                                    | —              | 8    | 13    | 2      | 5      | 1      | —          | 5                                  | —        | 1              | 1              | 1               | 3              | 3         | 2     | 2           | 3                 | 4            | —        | 1       | —      | 3          | — | 2  | 14   | 15                           |                  |  |
| Erysipelas ... ..                               | 34                                    | —              | —    | 4     | 1      | 9      | 16     | 4          | 1                                  | —        | 2              | 3              | —               | 4              | 3         | 1     | 4           | 6                 | 5            | —        | 2       | 3      | —          | — | —  | 16   | 18                           |                  |  |
| Cerebro-Spinal Meningitis                       | 8                                     | 2              | 2    | 3     | —      | 1      | —      | —          | —                                  | —        | 1              | 1              | —               | —              | 1         | —     | —           | 1                 | 1            | 1        | 2       | 3      | —          | — | 3  | 3  | 5                            |                  |  |
| Enteric & Paratyphoid ...                       | 1                                     | —              | —    | —     | —      | —      | 1      | —          | —                                  | —        | —              | —              | 1               | —              | —         | —     | —           | 1                 | 1            | —        | —       | —      | —          | — | —  | 1  | —                            |                  |  |
| Small Pox ... ..                                | —                                     | —              | —    | —     | —      | —      | —      | —          | —                                  | —        | —              | —              | —               | —              | —         | —     | —           | —                 | —            | —        | —       | —      | —          | — | —  | —  | —                            |                  |  |
| Cholera ... ..                                  | —                                     | —              | —    | —     | —      | —      | —      | —          | —                                  | —        | —              | —              | —               | —              | —         | —     | —           | —                 | —            | —        | —       | —      | —          | — | —  | —  | —                            |                  |  |
| Typhus ... ..                                   | —                                     | —              | —    | —     | —      | —      | —      | —          | —                                  | —        | —              | —              | —               | —              | —         | —     | —           | —                 | —            | —        | —       | —      | —          | — | —  | —  | —                            |                  |  |
| Puerperal Pyrexia ... ..                        | 57                                    | —              | —    | —     | 26     | 31     | —      | —          | 1                                  | 2        | 33             | —              | 1               | —              | 3         | —     | —           | 3                 | 5            | 3        | 1       | 5      | —          | — | —  | —  | 57                           |                  |  |
| Ophthalmia Neonatorum                           | 11                                    | 11             | —    | —     | —      | —      | —      | —          | —                                  | 1        | 2              | 1              | 1               | —              | —         | —     | —           | 2                 | 3            | —        | 1       | —      | —          | — | —  | 4  | 7                            |                  |  |
| Poliomyelitis and<br>Polio-encephalitis         | 6                                     | 1              | 2    | 1     | 1      | 1      | —      | —          | —                                  | 1        | —              | —              | 1               | —              | —         | —     | 2           | —                 | —            | —        | 1       | 1      | —          | — | 1  | 2  | 4                            |                  |  |
| Dysentery ... ..                                | 50                                    | 5              | 18   | 14    | 5      | 6      | 2      | —          | 1                                  | 7        | 17             | 1              | 2               | 2              | —         | 4     | 2           | —                 | 1            | 1        | 3       | 4      | 5          | — | 1  | 26   | 24                           |                  |  |
| Malaria ... ..                                  | 2                                     | —              | —    | —     | —      | 2      | —      | —          | —                                  | —        | 1              | —              | —               | —              | —         | 1     | —           | —                 | —            | —        | —       | —      | —          | — | 1  | 2  | —                            |                  |  |
| Acute Primary and Acute<br>Influenzal Pneumonia | 48                                    | 2              | 2    | 4     | —      | 17     | 18     | 5          | 2                                  | —        | 2              | 3              | —               | 1              | 5         | 5     | 5           | 7                 | 5            | 7        | 4       | 1      | 1          | — | 4  | 27   | 21                           |                  |  |
| Measles ... ..                                  | 2245                                  | 99             | 996  | 1062  | 51     | 32     | 5      | —          | 103                                | 77       | 181            | 158            | 165             | 180            | 255       | 169   | 222         | 155               | 140          | 65       | 151     | 121    | 97         | — | 6  | 1135   | 1110                         |                  |  |
| Whooping Cough ... ..                           | 368                                   | 50             | 215  | 98    | 1      | 3      | 1      | —          | 18                                 | 7        | 17             | 29             | 46              | 24             | 50        | 23    | 26          | 27                | 32           | 10       | 38      | 20     | 1          | — | 3  | 188  | 180                          |                  |  |
| Totals ... ..                                   | 3262                                  | 174            | 1350 | 1435  | 117    | 129    | 48     | 9          | 148                                | 114      | 283            | 203            | 246             | 235            | 349       | 237   | 313         | 224               | 223          | 104      | 244     | 166    | 173        | — | 21 | 1695   | 1557                         |                  |  |

### Comments on the Incidence and Prevalence of Infectious Disease.

Scarlet Fever cases showed an increase on 1944.

The incidence rate of Diphtheria was 0.14, compared with 0.11 in 1944.

No cases of Small Pox occurred during the year.

There were 57 cases of Puerperal Pyrexia; 26 occurred in the age-group 15—24 years and 31 in the age-group 25—44 years. A majority of the cases occurred in women having their first confinement.

### BOROUGH HOSPITAL.

Table A gives a summary of all cases treated at the Hospital during 1945.

798 patients were admitted and discharged which, together with patients in at the commencement of 1945 (56), gives a total of 854 dealt with. Twenty-one died, giving a case mortality for the hospital of 2.5 per cent. as against 1.3 per cent. in 1944.

Penge Urban District Council have an arrangement with the Corporation to send their cases to the Hospital. During the year 38 cases were admitted and these are included in the tables.

One operation for tonsils and adenoids was performed.

The work of repair of the wards damaged by the flying bomb which fell in August, 1944, has been completed.

During the year two probationers passed the Preliminary State Examination and one nurse passed the Final State Examination.



| Complaint for<br>which admitted. | Patients remaining<br>in Hospital on<br>1st January, 1945 |            |       | Patients admitted<br>and d'scharged<br>in 1945 |            |       | Patients admitted<br>during 1945 and re-<br>maining in Hospital<br>on 1st January, 1946 |            |       | Analysis of Cases admitted whether<br>discharged or not during the<br>year. |            |       |                    |  |
|----------------------------------|---|------------|-------|--|------------|-------|---|------------|-------|---|------------|-------|--------------------|--|
|                                  | Total.  | Recovered. | Died. | Total.   | Recovered. | Died. | Total.  | Recovered. | Died. | Total.  | Recovered. | Died. | Case<br>Mortality. | Average<br>No. of days<br>in Hospital. |
| Scarlet Fever ... ..             | 21  | 21         | —     | 351  | 351        | —     | 38  | 38         | —     | 389   | 389        | —     | —                  | 28                                     |
| Diphtheria ... ..                | 6   | 6          | —     | 82   | 78         | 4     | 10  | 10         | —     | 92  | 88         | 4     | 4.4                | 29                                     |
| Enteric Fever ... ..             | 1   | 1          | —     | 2  | 2          | —     | —   | —          | —     | 2   | 2          | —     | —                  | 45                                     |
| C.S.M. ... ..                    | —   | —          | —     | 14   | 11         | 3     | 1   | 1          | —     | 15  | 12         | 3     | 20.0               | 14.5                                   |
| Dysentery ... ..                 | —   | —          | —     | 44   | 41         | 3     | —   | —          | —     | 44  | 41         | 3     | 6.8                | 10                                     |
| Puerperal Pyrexia ... ..         | 1   | 1          | —     | 9  | 9          | —     | —   | —          | —     | 9   | 9          | —     | —                  | 10                                     |
| Erysipelas... ..                 | —   | —          | —     | 15   | 15         | —     | 1   | 1          | —     | 16  | 16         | —     | —                  | 10                                     |
| Measles ... ..                   | 4   | 4          | —     | 107  | 102        | 5     | —   | —          | —     | 107   | 102        | 5     | 4.7                | 14                                     |
| Rubella ... ..                   | —   | —          | —     | 8  | 8          | —     | —   | —          | —     | 8   | 8          | —     | —                  | 8.5                                    |
| Whooping Cough ... ..            | 2   | 2          | —     | 22   | 20         | 2     | —   | —          | —     | 22  | 20         | 2     | 9.1                | 27                                     |
| Chicken Pox ... ..               | —   | —          | —     | 8  | 8          | —     | 2   | 2          | —     | 10  | 10         | —     | —                  | 20                                     |
| Mumps ... ..                     | —   | —          | —     | 11   | 11         | —     | —   | —          | —     | 11  | 11         | —     | —                  | 11                                     |
| Encephalitis ... ..              | —   | —          | —     | 1  | 1          | —     | —   | —          | —     | 1   | 1          | —     | —                  | 5                                      |
| Tonsillitis ... ..               | —   | —          | —     | 2  | 2          | —     | —   | —          | —     | 2   | 2          | —     | —                  | 10                                     |
| Vincent's Angina ... ..          | —   | —          | —     | 1  | 1          | —     | —   | —          | —     | 1   | 1          | —     | —                  | 10                                     |
| Croup ... ..                     | —   | —          | —     | 3  | 3          | —     | —   | —          | —     | 3   | 3          | —     | —                  | 18                                     |
| Dermatitis ... ..                | —   | —          | —     | 1  | —          | 1     | 1   | 1          | —     | 2   | 1          | 1     | 50.0               | 10                                     |
| Meningitis ... ..                | —   | —          | —     | 2  | 2          | —     | 1   | 1          | —     | 3   | 3          | —     | —                  | 18                                     |
| Gastro Enteritis ... ..          | —   | —          | —     | 23   | 20         | 3     | 1   | 1          | —     | 24  | 21         | 3     | 12.5               | 16                                     |
| Broncho-Pneumonia ... ..         | —   | —          | —     | 5  | 5          | —     | —   | —          | —     | 5   | 5          | —     | —                  | 16                                     |
| Venereal Disease... ..           | —   | —          | —     | 6  | 6          | —     | —   | —          | —     | 6   | 6          | —     | —                  | 12                                     |
| Poliomyelitis ... ..             | —   | —          | —     | 4  | 4          | —     | 1   | 1          | —     | 5   | 5          | —     | —                  | 29                                     |
| Ophthalmia ... ..                | —   | —          | —     | 2  | 2          | —     | —   | —          | —     | 2   | 2          | —     | —                  | 7                                      |
| No Disease ... ..                | 1   | 1          | —     | 19   | 19         | —     | —   | —          | —     | 19  | 19         | —     | —                  | —                                      |
| TOTALS ... ..                    | 36  | 36         | —     | 742  | 721        | 21    | 56  | 56         | —     | 798   | 777        | 21    | —                  | —                                      |

# SCARLET FEVER.

The total number of Scarlet Fever cases admitted during the year was 389, an increase of 45 on 1944. The type of disease was of moderate severity.

Of the 389 cases 3 were not cases of scarlet fever, leaving a total of 386 cases of true Scarlet Fever.

The following complications and sequelae occurred amongst the true Scarlet Fever cases :—

|                              | Serum Cases. | Non-Serum Cases. | Total. |
|------------------------------|--------------|------------------|--------|
| Rhinorrhoea ... ..           | 1            | 6                | 7      |
| Otorrhoea ... ..             | 4            | 6                | 10     |
| Adenitis ... ..              | 5            | 5                | 10     |
| Relapse ... ..               | —            | 5                | 5      |
| Rheumatism ... ..            | 1            | 2                | 3      |
| Abscesses ... ..             | 1            | 1                | 2      |
| Secondary sore throat ... .. | —            | 1                | 1      |
| Albuminuria ... ..           | —            | 1                | 1      |

The average stay in hospital for serum cases was 28 days, for non-serum cases 29 days.

No deaths occurred amongst the scarlet fever cases.

The number of complications amongst the non-serum cases was 25 and amongst the serum 12.

Both M.B. 693 and M.B. 760 proved useful, particularly in clearing up the otorrhoea due to streptococci and staphylococci, respectively.



## Ages and Sexes Admitted.

## Scarlet Fever.

| Age.       | Male. | Female. | Totals. |
|------------|-------|---------|---------|
| 0—1        | 1     | 3       | 4       |
| 1—2        | 7     | 7       | 14      |
| 2—3        | 18    | 15      | 33      |
| 3—4        | 13    | 22      | 35      |
| 4—5        | 21    | 22      | 43      |
| 5—10       | 83    | 91      | 174     |
| 10—15      | 16    | 19      | 35      |
| 15—20      | 9     | 7       | 16      |
| 20—30      | 5     | 13      | 18      |
| 30 or over | 5     | 12      | 17      |
| Total 1945 | 178   | 211     | 389     |
| Total 1944 | 63    | 181     | 344     |

## DIPHTHERIA.

92 cases were treated with a diagnosis of diphtheria, an increase of 48 on 1944. Of these 14 were found not to be cases of diphtheria and 17 were cases of positive swabs without clinical symptoms, leaving 61 cases of true diphtheria.

There were 4 deaths amongst them, one occurring in a case which had not been immunized.

There were two laryngeal cases and one nasal diphtheria, the rest being cases of the faucial type.

The following complications and sequelae occurred amongst the diphtheria cases :—

|                       |     |     |     |     |   |
|-----------------------|-----|-----|-----|-----|---|
| Rhinorrhoea           | ... | ... | ... | ... | 1 |
| Paralysis: Palatal    | ... | ... | ... | ... | 3 |
| Eyes                  | ... | ... | ... | ... | 1 |
| Cardiac failure       | ... | ... | ... | ... | 3 |
| Adenitis              | ... | ... | ... | ... | 3 |
| Secondary sore throat | ... | ... | ... | ... | 2 |
| Albuminuria           | ... | ... | ... | ... | 2 |

The 14 cases found not to be diphtheria were as follows :—

|                  |     |     |     |     |    |
|------------------|-----|-----|-----|-----|----|
| Tonsillitis      | ... | ... | ... | ... | 10 |
| Vincent's angina | ... | ... | ... | ... | 3  |
| Scarlet fever    | ... | ... | ... | ... | 1  |

**Ages and Sexes Admitted.****Diphtheria.**

| Age.       | Males. | Females. | Totals. |
|------------|--------|----------|---------|
| 0—1        | 2      | 1        | 3       |
| 1—2        | 4      | —        | 4       |
| 2—3        | 1      | 2        | 3       |
| 3—4        | 1      | 4        | 5       |
| 4—5        | 2      | 2        | 4       |
| 5—10       | 13     | 18       | 31      |
| 10—15      | 8      | 4        | 12      |
| 15—20      | 2      | 4        | 6       |
| 20—30      | 6      | 10       | 16      |
| 30 & over  | 1      | 7        | 8       |
| Total 1945 | 40     | 52       | 92      |
| Total 1944 | 20     | 24       | 44      |

**Typhoid Fever.**

Only two cases were admitted during the year as cases of typhoid fever and in only one was the diagnosis confirmed, the other being a case of gastric influenza.

**Puerperal Fever and Pyrexia.**

There were 9 cases of puerperal pyrexia admitted and of these the diagnosis was in 2 cases influenza.

**Erysipelas.**

There were 16 cases of erysipelas, but in three the diagnosis was not confirmed, one being a case of carbuncle of neck, one a case of eczema, and one a case of influenza.

**Measles.**

There were 107 cases admitted as measles, an increase of 75 on 1944. The disease was of average severity and 4 deaths occurred, two deaths being due to broncho-pneumonia, one to being complicated by encephalitis, and one complicated by laryngeal diphtheria. In 5 cases the diagnosis was not confirmed, including 2 cases in which the diagnosis was acute gastro-enteritis and bronchitis respectively.

**Whooping Cough.**

Twenty-two cases were admitted, a decrease of 9 cases on 1944. Two deaths occurred amongst them, both being complicated by broncho-pneumonia.

In one case the diagnosis was not confirmed.



### Cerebro-Spinal Meningitis.

Fifteen cases were admitted, but in 5 the diagnosis was not confirmed, and in 3 others the diagnosis was

One was a case of meningism,  
One was a case of acute poliomyelitis,  
One was a case of enteritis.

The combined treatment by lumbar puncture, meningococcus anti-toxin and sulphapyridine in doses of 2 grns. repeated in four hours' time and then 1 grn. given four hourly, continued for a week proved successful, as it had done previously.

Two deaths occurred amongst the cerebro-spinal fever cases.

### Rubella.

Eight cases were admitted, a decrease of 27 on 1944. One case admitted as rubella was really a case of scarlet fever.

### Dysentery.

There were 44 cases admitted as dysentery, but in one the diagnosis was not confirmed. This showed an increase of 31 cases on 1944. Three deaths occurred amongst them.

The type of dysentery was due to Sonn  bacillus.

### Acute Gastro-Enteritis.

Twenty-four cases of gastro-enteritis were admitted, an increase of 20 cases on 1944.

There were four deaths amongst them.

### Croup.

There were three cases admitted, two of them being cases of laryngeal diphtheria and one of simple croup.

### Mumps.

Eleven cases were admitted, but in two the diagnosis was not confirmed. One was a case of simple adenitis.

### Out of Borough Cases.

| Disease.          | Males. | Females. | Total. | Deaths. |
|-------------------|--------|----------|--------|---------|
| Scarlet Fever ... | 7      | 7        | 14     | —       |
| Diphtheria ...    | 14     | 9        | 23     | 2       |
| C.S.M. (?) ...    | 2      | —        | 2      | 1       |
| Total ...         | 23     | 16       | 39     | 3       |

TABLE  
AGE GROUPS OF CASES ADMITTED (other than Scarlet Fever and Diphtheria).

|                            | 0-1 |    | 1-2 |    | 2-5 |    | 5-15* |    | 15-25 |    | 25-35 |    | 35-45 |   | 45 & over |   | Totals | Deaths |
|----------------------------|-----|----|-----|----|-----|----|-------|----|-------|----|-------|----|-------|---|-----------|---|--------|--------|
|                            | M   | F  | M   | F  | M   | F  | M     | F  | M     | F  | M     | F  | M     | F | M         | F |        |        |
| Enteric Fever ...          | —   | —  | —   | —  | —   | —  | 1     | 1  | —     | —  | —     | —  | —     | — | —         | — | 2      | —      |
| Poliomyelitis ...          | —   | —  | —   | —  | —   | —  | 1     | 1  | 1     | 1  | —     | 1  | —     | — | —         | — | 5      | 1      |
| Puerperal Pyrexia ...      | —   | —  | —   | —  | —   | —  | —     | —  | —     | 5  | —     | 4  | —     | — | —         | — | 9      | —      |
| Erysipelas ...             | —   | —  | —   | —  | —   | —  | 1     | —  | —     | 1  | 2     | 1  | 1     | 3 | 2         | 5 | 16     | —      |
| Measles ...                | 10  | 11 | 13  | 11 | 15  | 12 | 6     | 6  | 5     | 8  | 2     | 6  | —     | — | 1         | 1 | 107    | 4      |
| Rubella ...                | —   | —  | —   | —  | —   | —  | 2     | 1  | —     | 3  | 1     | —  | —     | 1 | —         | — | 8      | —      |
| C.S.M. ...                 | 1   | 2  | —   | —  | 2   | 2  | —     | 2  | —     | 1  | 2     | 1  | 2     | — | —         | — | 15     | 2      |
| Whooping Cough ...         | 2   | 2  | 3   | 7  | 3   | 2  | 1     | 2  | —     | —  | —     | —  | —     | — | —         | — | 22     | 2      |
| Chicken Pox ...            | —   | —  | —   | 2  | 3   | 2  | —     | —  | 2     | —  | —     | 1  | —     | — | —         | — | 10     | —      |
| Mumps ...                  | —   | —  | —   | —  | —   | —  | —     | —  | 3     | 3  | 2     | 2  | 1     | — | —         | — | 11     | —      |
| Dysentery ...              | 4   | 4  | 3   | 2  | 9   | 2  | 4     | 5  | 3     | 4  | —     | 3  | —     | — | —         | 1 | 44     | —      |
| Gastro-enteritis ...       | 8   | 7  | 2   | 2  | 2   | 3  | —     | —  | —     | —  | —     | —  | —     | — | —         | — | 24     | 7      |
| Tonsilitis ...             | —   | —  | —   | —  | 1   | —  | —     | —  | 1     | —  | —     | —  | —     | — | —         | — | 2      | —      |
| Croup ...                  | —   | —  | 1   | —  | 1   | 1  | —     | —  | —     | —  | —     | —  | —     | — | —         | — | 3      | —      |
| Vincent's Angina ...       | —   | —  | —   | —  | —   | —  | —     | —  | —     | —  | —     | 1  | —     | — | —         | — | 1      | —      |
| Dermatitis (Pemphigus) ... | 1   | 1  | —   | —  | —   | —  | —     | —  | —     | —  | —     | —  | —     | — | —         | — | 2      | 1      |
| Meningitis ...             | 1   | —  | —   | —  | —   | —  | 2     | —  | —     | —  | —     | —  | —     | — | —         | — | 3      | —      |
| Broncho-pneumonia ...      | 1   | 1  | —   | 1  | 1   | —  | 1     | —  | —     | —  | —     | —  | —     | — | —         | — | 5      | —      |
| Venereal Disease ...       | —   | —  | —   | 1  | —   | —  | —     | —  | —     | 3  | —     | 2  | —     | — | —         | — | 6      | —      |
| Encephalitis ...           | —   | —  | —   | —  | —   | —  | —     | —  | —     | 1  | —     | —  | —     | — | —         | — | 1      | —      |
| Ophthalmia ...             | 1   | 1  | —   | —  | —   | —  | —     | —  | —     | —  | —     | —  | —     | — | —         | — | 2      | —      |
| No Disease ...             | —   | —  | —   | —  | —   | —  | —     | —  | —     | —  | —     | —  | —     | — | —         | — | 19     | —      |
| TOTALS ...                 | 29  | 29 | 22  | 26 | 37  | 24 | 19    | 18 | 15    | 30 | 9     | 22 | 4     | 4 | 3         | 7 | 317    | 17     |



### Croydon Borough Hospital Laboratory Report.

#### SWABS EXAMINED FOR PRESENCE OF DIPHTHERIA BACILLI.

| Swabs taken during Convalescence. | Swabs taken on Admission. | Swabs. | Total Examined. |
|-----------------------------------|---------------------------|--------|-----------------|
| +                                 | +                         |        |                 |
| 95                                | 59                        | 2,085  | 2,239           |

#### FÆCES EXAMINED FOR ENTERIC AND DYSENTERY GROUPS.

| Dysentery Groups. | Enteric Group. | Negatives. | Total Examined. |
|-------------------|----------------|------------|-----------------|
| +                 | +              |            |                 |
| 12                | Nil            | 103        | 115             |

11 Specimens Dysentery Sonne.

1 Specimen Dysentery Flexner isolated.

#### DREYER'S AGGLUTINATION TEST FOR ENTERIC GROUP.

| — | + | Total examined. |
|---|---|-----------------|
| 2 | — | 2               |

#### MISCELLANEOUS EXAMINATIONS.

5 Swabs from Fingers : Staphylococcus Aureas grown.

6 Swabs from Skin : Staphylococcus Aureas grown.

13 Specimens Pus for examination :

3 contained Hæmolytic Streptococcus Longus.

10 contained Staphylococcus Aureas.

Culture from Toe Swab : Staphylococcus Aureas grown.

- 2 Swabs examined for Vincent's Angina, positive.
- 3 Eye Swabs cultured for organisms : Staphylococcus Aureas grown.
- 2 Ear Swabs cultured for organisms : Staphylococcus Aureas grown.
- 8 Vaginal Swabs cultured for organisms : 6 grew Staphylococcus Aureas, 2 Hæmolytic Streptococcus Longus.
- 6 Urethral Swabs cultured for organisms : 4 grew Staphylococcus Aureas, 1 Hæmolytic Streptococcus Longus, 1 Sterile.
- 1 Vaginal Swab : Gonococcus present.
- 1 Urethral Swab : Gonococcus present.
- 8 Cerebro-Spinal Fluids examined for organisms :  
     5 Meningococcus present.  
     3 no organisms found.
- 2 Specimen Sputums examined for presence of T.B. bacilli :  
     Both negative.
- 1 Anal Swab cultured for organisms : B. Coli and Staphylococcus Aureas grown.

#### CULTURE MEDIA.

- 200½ doz. tubes Loeffler's Blood Serum.
- 4,000cc Agar Agar base.
- 3,000cc Peptone Water.
- 1,000cc Litmus Milk.



## BACTERIOLOGICAL EXAMINATIONS.

I am indebted to the Borough Pathologist, Dr. H. W. Southgate, for the figures given in the appended tables.

At the Laboratory, Croydon General Hospital.

|                                      | For private practitioners |      | Mayday Hos. |      | For Borough Hospital |      | For Chest Clinic |      | For School Medical |      | Other Instns. of Corporation |      | Other Institutions |      | Total |      |
|--------------------------------------|---------------------------|------|-------------|------|----------------------|------|------------------|------|--------------------|------|------------------------------|------|--------------------|------|-------|------|
|                                      | Pos.                      | Neg. | Pos.        | Neg. | Pos.                 | Neg. | Pos.             | Neg. | Pos.               | Neg. | Pos.                         | Neg. | Pos.               | Neg. | Pos.  | Neg. |
| Swabs for Diphtheria ...             | 27                        | 787  | ...         | ...  | ...                  | ...  | ...              | ...  | 36                 | 526  | ...                          | ...  | 6                  | 201  | 69    | 1514 |
| Virulence tests for Diphtheria ...   | ...                       | ...  | ...         | ...  | 5                    | ...  | ...              | ...  | ...                | ...  | ...                          | ...  | ...                | 1    | 5     | 1    |
| Sputum for Tub. Bac. ...             | 41                        | 347  | ...         | ...  | ...                  | ...  | 581              | 1108 | ...                | ...  | ...                          | ...  | 12                 | 124  | 634   | 1579 |
| Pus for Tub. Bac. ...                | ...                       | 2    | ...         | 7    | ...                  | 1    | ...              | ...  | ...                | ...  | 2                            | 29   | ...                | 13   | 2     | 52   |
| Pus for Gonococci ...                | 1                         | 7    | ...         | ...  | ...                  | 2    | ...              | ...  | 1                  | 2    | 7                            | 66   | ...                | ...  | 9     | 77   |
| Pus for other organisms ...          | ...                       | 12   | ...         | 7    | ...                  | 1    | ...              | ...  | ...                | 2    | ...                          | 38   | ...                | 12   | ...   | 72   |
| Blood for Typhoid Groups ...         | ...                       | 2    | ...         | ...  | ...                  | ...  | ...              | ...  | ...                | ...  | 1                            | 9    | 1                  | 6    | 2     | 17   |
| Blood for Wassermann ...             | 1                         | 11   | 14          | 154  | ...                  | ...  | ...              | 1    | ...                | ...  | 1                            | 8    | ...                | ...  | 16    | 174  |
| Material for Spirochaetes ...        | ...                       | ...  | ...         | ...  | ...                  | ...  | ...              | ...  | ...                | ...  | ...                          | ...  | ...                | ...  | ...   | ...  |
| Faeces for Typhoid Group...<br>Sonne | 3                         | 17   | ...         | 2    | ...                  | 15   | ...              | ...  | ...                | ...  | 2                            | 38   | ...                | 3    | 5     | 75   |
| Hair for Ringworm ...                | ...                       | ...  | ...         | ...  | ...                  | ...  | ...              | ...  | 18                 | 9    | 1 Sonne                      | ...  | ...                | ...  | 18    | 9    |
| Examination of Urine ...             | 2                         |      | 5           |      | 1                    |      | ...              |      | ...                |      | 28                           |      | 14                 |      | 50    |      |
| Examination of Pleural Fluid ...     | ...                       |      | ...         |      | ...                  |      | ...              |      | ...                |      | 3                            |      | ...                |      | 3     |      |
| Examination of C.S. Fluid ...        | ...                       |      | 20          |      | ...                  |      | ...              |      | ...                |      | ...                          |      | ...                |      | 20    |      |
| Other Examinations ...               | 320                       |      | 464         |      | 20                   |      | ...              |      | 60                 |      | 220                          |      | 68                 |      | 1152  |      |

**Examinations for Special Clinic.**

|                                | Pos. | Neg.  |
|--------------------------------|------|-------|
| Pus for Gonococci (Smears) ... | 616  | 2,477 |
| " " " (Cultures) ...           | 202  | 2,180 |
| Blood for Wassermann ...       | 224  | 1,129 |
| " " Kahn ...                   | 26   | 67    |
| " " G.C.F.T. ...               | 141  | 845   |
| Material for Spirochaetes ...  | 8    | 14    |
| Cerebro-spinal Fluids ...      | 45   |       |
| Other Examinations ...         | 307  |       |

**Examinations Done Under the National Health Insurance Act.**

| Nature of Examination.            |             |
|-----------------------------------|-------------|
| Pus for Gonococci ...             | 7 (3 pos.)  |
| Pus for other organisms ...       | 8           |
| Pus for Tub. Bac. ...             | 11          |
| Blood for Wasserman ...           | 40 (2 pos.) |
| Complete Blood Counts ...         | 20          |
| Urine for Chemical Exam. ...      | 7           |
| Urine for Microscopical Exam. ... | 7           |
| Urine for Tub. Bac. ...           | 7           |
| Urine for Cultural Exam. ...      | 7           |
| Other Examinations ...            | 8           |

**Bacteriological Examination of Milk.**

|  |     |
|--|-----|
| Number of Samples submitted for Counts ...     | 349 |
| Number under 10,000 per cc ...                 | 136 |
| Number over 10,000 but under 50,000 per cc ... | 108 |
| Over 50,000 but under 100,000 per cc ...       | 43  |
| Over 100,000 but under 500,000 per cc ...      | 48  |
| Over 500,000 but under 1,000,000 per cc ...    | 4   |
| Over 1,000,000 per cc ...                      | 10  |

**Tubercle Bacilli—**

|  |     |
|--|-----|
| Number of samples of milk submitted ...                  | 349 |
| Number found positive by inoculation test ...            | 0   |
| The number of milk examinations increased by ...         | 121 |
| Number of samples still under investigation for T.B. ... | 0   |

349 milk samples submitted to the Methylene Blue Test, of which 46 failed to satisfy. 121 milk samples were also submitted to the Bacillus Coli Test and 84 were satisfactory.



**Milk Samples.**

From 27th July, 1945, to December 31st, 1945, 119 samples were submitted to the Phosphatase Test, of which 4 failed to satisfy.

**IMMUNISATION AGAINST DIPHTHERIA.**

New cases came from the following sources:—

|                        |     |     |     |     |       |
|------------------------|-----|-----|-----|-----|-------|
| School cases           | ... | ... | ... | ... | 281   |
| Children under 5 years | ... | ... | ... | ... | 2,698 |

The ensuing tables give some further details:—

|                                |     |     |      |
|--------------------------------|-----|-----|------|
| Total number of sessions held  | ... | ... | 81   |
| Average attendance per session | ... | ... | 32.8 |

*Summary of Attendances and Treatment, 1945.*

| Year. | Total attended for treatment. | New cases attended. | No. of sessions held. | No. given Primary Schick. | % Pos. on Primary Schick. | No. given Posterior Schick. | No. Neg. on Posterior Schick. | % Neg. on Posterior Schick. | No. completed treatment |
|-------|-------------------------------|---------------------|-----------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------|
| 1934  | 509                           | 509                 | —                     | 389                       | —                         | 185                         | —                             | —                           | 185                     |
| 1935  | 1431                          | 1151                | 97                    | 634                       | 76                        | 781                         | 766                           | 98.8                        | 781                     |
| 1936  | 2285                          | 1661                | 145                   | 1215                      | 78                        | 1264                        | 1254                          | 99.2                        | 1264                    |
| 1937  | 1894                          | 1286                | 122                   | 1017                      | 86                        | 1222                        | 1215                          | 99.5                        | 1222                    |
| 1938  | 2049                          | 1541                | 115                   | 1208                      | 69                        | 1152                        | 1140                          | 98.9                        | 1152                    |
| 1939  | 1488                          | 1020                | 61                    | 593                       | 76                        | 678                         | 671                           | 98.9                        | 1201                    |
| 1940  | 508                           | 428                 | 33                    | —                         | —                         | —                           | —                             | —                           | 419                     |
| 1941  | 6639                          | 6639                | 206                   | —                         | —                         | —                           | —                             | —                           | 5833                    |
| 1942  | 6581                          | 6133                | 144                   | —                         | —                         | —                           | —                             | —                           | 5511                    |
| 1943  | 6497                          | 5200                | 179                   | —                         | —                         | 756                         | 749                           | 99.1                        | 5854                    |
| 1944  | 2652                          | 2482                | 81                    | —                         | —                         | 244                         | 233                           | 95.5                        | 1851                    |
| 1945  | 3336                          | 3174                | 81                    | —                         | —                         | 2007                        | 1905                          | 94.9                        | 2707                    |

*Summary of Attendances and Treatment,*

| Under Treatment 1.1.45 | Total new Cases, 1945. | 1945 Cases Completed Treatment. | Received A.P.T. | Under Treatment 31.12.45 | Defaulted. |
|------------------------|------------------------|---------------------------------|-----------------|--------------------------|------------|
| 162                    | 3174                   | 2707                            | 3336            | 272                      | 357        |

### Origin and Source of Cases attending.

| Year. | School |           | M.C.W. |           |
|-------|--------|-----------|--------|-----------|
|       | Total  | Per cent. | Total. | Per cent. |
| 1934  | 339    | 67        | 170    | 33.0      |
| 1935  | 944    | 66.6      | 473    | 33.4      |
| 1936  | 1620   | 74.8      | 547    | 25.2      |
| 1937  | 928    | 72.2      | 358    | 27.8      |
| 1938  | 1179   | 76.5      | 362    | 23.5      |
| 1939  | 704    | 69.0      | 316    | 31.0      |
| 1940  | 216    | 50.0      | 212    | 50.0      |
| 1941  | 4477   | 67.4      | 2162   | 32.6      |
| 1942  | 2660   | 48.3      | 2851   | 51.7      |
| 1943  | 2818   | 48.1      | 3036   | 51.9      |
| 1944  | 531    | 28.7      | 1320   | 71.3      |
| 1945  | 291    | 9.4       | 2698   | 90.6      |

### Immunisation in Residential Schools and Homes.

Owing to the evacuation of Residential Schools and Homes, no immunisation was conducted in the Institutions in 1945.

### Home Visits by Health Visitors.

A total of 461 home visits was paid during the year.

| Name of Public Institution or Vaccination District | Number of successful Primary Vaccinations of persons |                    |                     | Total       |
|--|--|--------------------|---------------------|-------------|
|  | Under 1 year of age                                  | 1 year and upwards | 2 years and upwards |             |
| Children No. 1 Area and part of No. 2              | 421  | 7                  | 32                  | 460         |
| No. 2 Area and part of No. 3                       | 59   | 33                 | 60                  | 152         |
| No. 3 Area   | 130  | 4                  | 1                   | 135         |
| No. 4 Area   | 123  | 2                  | 3                   | 128         |
| Addington (New)                                    | 50   | 3                  | —                   | 53          |
| Queen's Road Home                                  | 43   | —                  | —                   | 43          |
| Wyndy Hospital                                     | 4  | 2                  | —                   | 6           |
| Children's Home                                    | 1  | —                  | —                   | 1           |
| Children's Residential School                      | —  | —                  | —                   | —           |
| <b>Total</b>                                       | <b>1101</b>  | <b>78</b>          | <b>96</b>           | <b>1275</b> |



## VACCINATION ACTS.

I am indebted to Mr. Huggins, the Vaccination Officer, for the particulars in the returns in the subjoined Tables.

| Registration Sub-districts in V.O. District. | Births Registered. | Vaccinated. | Insusceptible. | Statutory Declaration. | Died Unvaccinated. | P.P.O. | Transferred to other V.O.s | Untraced Removals. | In Default. | Overage when Registered. |
|--|--------------------|-------------|----------------|------------------------|--------------------|--------|----------------------------|--------------------|-------------|--------------------------|
| South Sub-District...                        | 1356               | 725         | 5              | 396                    | 36                 | 19     | 60                         | 90                 | 25          | —                        |
| West Sub-District ...                        | 1733               | 899         | 4              | 558                    | 85                 | 20     | 13                         | 101                | 53          | —                        |
| North Sub-District...                        | 543                | 258         | 3              | 186                    | 12                 | 9      | 6                          | 42                 | 27          | —                        |
|  | 3632               | 1882        | 12             | 1140                   | 133                | 48     | 79                         | 233                | 105         | —                        |

During the year 2,317 Forms Q were sent to parents, 368 Forms K and 125 Final Forms K. Form Q is the Form drawing attention to the requirements of the Vaccination Acts and Form K refers to cases in default. 534 cases were transferred to this Borough from other districts.

1,094 names were sent on the H Lists to Public Vaccinators to be visited.

*Return shewing the Number of Persons vaccinated and re-vaccinated at the cost of the rates by the Medical Officer of the Public Assistance Institutions and the Public Vaccinators during the year ended 30th September, 1945 :—*

| Name of Public Assistance Institution or Vaccination District. | Numbers of successful Primary Vaccinations of persons. |                     |        | No. of successful re-vaccinations, i.e., successful vaccinations of persons who had been successfully vaccinated at some previous time. |
|--|--|---------------------|--------|---|
|  | Under 1 year of age.                                   | 1 year and upwards. | Total. |   |
| Croydon No. 1 Area and part of No. 5                           | 463  | 32                  | 495    | 9   |
| No. 2 Area and part of No. 5                                   | 409  | 33                  | 442    | 2   |
| No. 3 Area ...   | 136  | 4                   | 140    | 2   |
| No. 4 Area ...   | 123  | 3                   | 126    | 2   |
| Addington (New) :— ...   | 56   | 2                   | 58     | —   |
| Queen's Road Homes ...   | —  | —                   | —      | —   |
| Mayday Hospital ...  | 4  | 2                   | 6      | 2   |
| Children's Homes ...   | —  | —                   | —      | —   |
| Shirley Residential Schools                                    | —  | —                   | —      | —   |
|  | 1191   | 76                  | 1267   | 17  |

### VENEREAL DISEASES.

No changes have been made in the Scheme as given in my Report for 1930.

#### *Attendances at the Croydon Clinic during past 10 years.*

|                                   | 1936. | 1937. | 1938. | 1939. | 1940. | 1941 | 1942 | 1943. | 1944. | 1945. |
|-----------------------------------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| New male patients ...             | 300   | 395   | 416   | 316   | 187   | 448  | 661  | 239   | 232   | 390   |
| New female patients               | 188   | 184   | 257   | 191   | 202   | 258  | 300  | 489   | 523   | 604   |
| Attendances,<br>male patients ... | 7525  | 8610  | 7318  | 4258  | 2996  | 3033 | 3932 | 2214  | 2758  | 5498  |
| Attendances,<br>female patients   | 5226  | 5405  | 5365  | 3150  | 1772  | 1508 | 1585 | 4026  | 5940  | 8848  |

#### *Attendances of Croydon patients at various London Hospitals under General Scheme.*

There were 121 new patients, who made a total of 1,030 attendances.

#### *Pathological Examinations at London Hospitals for Croydon Patients.*

543 Examinations were made for various Clinics and 470 examinations of material submitted by medical practitioners.

#### *Bacteriological Examinations carried out at London Hospitals for Croydon Patients.*

| Hospital.                     | Detection of Spirochaetes |           | Detection of Gonococci. |           | Wasserman Re-action. |           | Other Exams. |           | Total. |
|-------------------------------|---------------------------|-----------|-------------------------|-----------|----------------------|-----------|--------------|-----------|--------|
|                               | For Clinic                | For Prac. | For Clinic              | For Prac. | For Clinic           | For Prac. | For Clinic   | For Prac. |        |
| Endell Street, L.C.C. ...     | —                         | —         | 5                       | —         | 5                    | —         | 5            | —         | 15     |
| St. Thomas's ...              | —                         | —         | 45                      | —         | 68                   | —         | 102          | —         | 215    |
| South Lon. Hos. for Women     | —                         | —         | 84                      | 1         | 21                   | 2         | 22           | 2         | 132    |
| Royal Free ...                | —                         | —         | 7                       | —         | 2                    | —         | 8            | —         | 17     |
| King's College ...            | 1                         | —         | 46                      | —         | 13                   | —         | —            | —         | 60     |
| Whitechapel Clinic, L.C.C.... | —                         | —         | 2                       | —         | 3                    | —         | 8            | —         | 13     |
| University College ...        | —                         | —         | —                       | —         | —                    | —         | —            | —         | —      |
| Guy's Hospital ...            | —                         | —         | 27                      | 134       | 28                   | 165       | 28           | 164       | 546    |
| Mothers ...                   | —                         | —         | 2                       | —         | 1                    | —         | 2            | —         | 5      |
| Seamen's ...                  | —                         | —         | —                       | —         | —                    | —         | —            | —         | —      |
| Westminster Hospital ...      | 1                         | —         | 2                       | —         | 2                    | 1         | 3            | 1         | 10     |
| Total ...                     | 2                         | —         | 220                     | 135       | 143                  | 168       | 178          | 167       | 1013   |



## Croydon Cases attending London Hospitals.

| Hospital.                      | Cases seen for the first time. |      | Conditions other than venereal. | Total number of attendances. | Aggregate number of Inpatient Days. |
|--------------------------------|--------------------------------|------|---------------------------------|------------------------------|-------------------------------------|
|                                | Syph.                          | Gon. |                                 |                              |                                     |
| Endell Street L.C.C. ... ..    | —                              | 1    | 4                               | 22                           | —                                   |
| St. Thomas's ... ..            | 3                              | 10   | 46                              | 281                          | —                                   |
| Guy's ... ..                   | —                              | 3    | 17                              | 184                          | —                                   |
| King's College ... ..          | 1                              | 3    | 13                              | 353                          | 1                                   |
| Royal Free ... ..              | —                              | 2    | 3                               | 70                           | 6                                   |
| S. Lond. Hosp. for Women ...   | 1                              | 1    | 5                               | 93                           | —                                   |
| Whitechapel Clinic, L.C.C. ... | —                              | 1    | 4                               | 6                            | —                                   |
| Westminster ... ..             | —                              | 1    | 1                               | 19                           | —                                   |
| Mothers ... ..                 | —                              | —    | 1                               | 2                            | —                                   |
| Seamens ... ..                 | —                              | —    | —                               | —                            | —                                   |
| Total ... ..                   | 5                              | 22   | 94                              | 1030                         | 7                                   |



[illegible]



|   | Syphilis      |              | Soft Chancre        |    | Gonorrhoea           |              | Non-venereal or undiagnosed condition |      | TOTALS                                   |      |       |
|---|---------------|--------------|---------------------|----|----------------------|--------------|---------------------------------------|------|--|------|-------|
|   | M             | F            | M                   | F  | M                    | F            | M                                     | F    | M  | F    | Tot.  |
| 10. Number of attendances :—  |               |              |                     |    |                      |              |                                       |      |  |      |       |
| (a) for individual attention of the medical officer ... ..  | 2161          | 2906         | —                   | —  | 1440                 | 2264         | 1143                                  | 2382 | 4744                                     | 7552 | 12296 |
| (b) for intermediate treatment, e.g., irrigation, dressing ... ..   | 6             | 13           | —                   | —  | 480                  | 586          | 268                                   | 697  | 754                                      | 1296 | 2050  |
| TOTAL ATTENDANCES ... ..  | 2167          | 2919         | —                   | —  | 1920                 | 2850         | 1411                                  | 3079 | 5498                                     | 8848 | 14346 |
| 11. In-patients :—  |               |              |                     |    |                      |              |                                       |      |  |      |       |
| (a) Total number of persons admitted for treatment during the year ... ..   | 27            | 26           | —                   | —  | 28                   | 29           | —                                     | —    | 55                                       | 55   | 110   |
| (b) Aggregate number of "in-patient days" of treatment given ... ..   | 104           | 145          | —                   | —  | 114                  | 141          | —                                     | —    | 218                                      | 286  | 504   |
| 12. Number of cases treated with penicillin ...   | 2             | 6            | —                   | —  | 59                   | 73           | —                                     | —    | 61                                       | 79   | 140   |
| 13. Number of cases of congenital syphilis in Item 3 above classified according to age periods                            | Under 1 year  |              | 1 and under 5 years |    | 5 and under 15 years |              | 15 years and over                     |      | TOTALS                                   |      |       |
|   | M.            | F.           | M.                  | F. | M.                   | F.           | M.                                    | F.   | M.                                       | F.   |       |
|   | 1             | 1            | —                   | —  | 2                    | 2            | 6                                     | 7    | 9  | 10   |       |
| 14. Pathological Work :—  | Microscopical |              | Cultural            |    | Serum                |              | Cerebro-spinal fluid                  |      | Others for diagnosis of Venereal Disease |      |       |
|   | for Syphilis  | for G'n'r'h. | for G'n'r'h.        |    | for Syphilis         | for G'n'r'h. |                                       |      |  |      |       |
| Number of specimens from patients attending at the Treatment Centre sent for examination to an approved laboratory ... .. | 26            | 1848         | 1209                |    | 1148                 | 891          | 38                                    |      |  |      | —     |

Figures in brackets refer to Service Cases.

**STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR, CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.**

| Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings. | Croydon | Surrey | Kent | London | Total |
|---|---------|--------|------|--------|-------|
| A. Number of cases from each area included under the following headings in Item 3 :—  |         |        |      |        |       |
| Syphilis ... ..   | 64      | 31     | 9    | 3      | 107   |
| Soft Chancre ... ..   | —       | —      | —    | —      | —     |
| Gonorrhoea ... ..   | 121     | 61     | 19   | 9      | 210   |
| Non-venereal and undiagnosed conditions ...   | 414     | 197    | 45   | 21     | 677   |
| TOTAL ... ..  | 599     | 289    | 73   | 33     | 994   |
| B. Total number of attendances of all patients residing in each area ... ..   | 8792    | 4253   | 1032 | 269    | 14346 |



## CANCER.

Deaths from Cancer numbered 470 as compared with 420 in 1944; 456 in 1943; 405 in 1942; 377 in 1941; 443 in 1940; 414 in 1939; 380 in 1938; 421 in 1937; and 421 in 1936.

Death-rate per 1,000 of the population for the previous 10 years are as follows:—

|                 |     |                 |
|-----------------|-----|-----------------|
| 1936—1.75 (421) | ... | 1941—2.04 (377) |
| 1937—1.74 (421) | ... | 1942—2.07 (405) |
| 1938—1.56 (380) | ... | 1943—2.28 (456) |
| 1939—1.78 (414) | ... | 1944—2.21 (420) |
| 1940—2.22 (443) | ... | 1945—2.34 (470) |

Deaths from Cancer Occurred at the following Ages:—

| Age period.           | Male. | Female. | Total. | Calculated population at this age period | Incidence per 1,000 persons living. |
|-----------------------|-------|---------|--------|--|-------------------------------------|
| Under 25 years...     | 3     | —       | 3      | 84002                                    | 0.036                               |
| 25 and under 35 years | 1     | —       | 1      | 29905                                    | 0.034                               |
| 35 and under 45 years | 10    | 9       | 19     | 32562                                    | 0.583                               |
| 45 and under 65 years | 92    | 109     | 201    | 39874                                    | 5.042                               |
| 65 years and over     | 114   | 132     | 246    | 14437                                    | 17.039                              |
|                       | 220   | 250     | 470    | 200780                                   | 2.341                               |

Sites of Fatal Cancer.

| Site.                 | Male. | Female. | Total. | Percentage of Total. |
|-----------------------|-------|---------|--------|----------------------|
| Skin                  | 2     | 1       | 3      | 0.638                |
| Tongue and Mouth      | 9     | 1       | 10     | 2.127                |
| Oesophagus            | 6     | 2       | 8      | 1.702                |
| Stomach               | 39    | 37      | 76     | 16.170               |
| Liver                 | 1     | 5       | 6      | 1.277                |
| Bowel                 | 41    | 41      | 82     | 17.447               |
| Rectum                | 25    | 19      | 44     | 9.362                |
| Bladder               | 10    | 6       | 16     | 3.404                |
| Prostate              | 16    | —       | 16     | 2.127                |
| Larynx                | 8     | —       | 8      | 1.702                |
| Uterus                | —     | 39      | 39     | 8.298                |
| Breast                | —     | 46      | 46     | 9.787                |
| Ovary                 | —     | 14      | 14     | 2.979                |
| Pancreas              | 9     | 11      | 20     | 4.255                |
| Peritoneum            | 2     | —       | 2      | 0.426                |
| Gall Bladder and Duct | 2     | 3       | 5      | 1.064                |
| Mediastinum           | 1     | —       | 1      | 0.213                |
| Bones                 | 3     | —       | 3      | 0.638                |
| Lungs                 | 43    | 10      | 53     | 11.277               |
| Kidney                | 1     | 3       | 4      | 0.850                |
| Brain                 | —     | 2       | 2      | 0.426                |
| Maxillary Antrum      | 2     | —       | 2      | 0.426                |
| Spleen                | —     | 1       | 1      | 0.213                |
| Retroperitoneal       | 1     | —       | 1      | 0.213                |
| Suprarenal            | 1     | —       | 1      | 0.213                |
| Thyroid Gland         | 2     | 4       | 6      | 1.277                |
| Lymphatic Glands      | 1     | 2       | 3      | 0.638                |
| Genital Organs        | —     | 2       | 2      | 0.426                |
| Not defined           | 1     | 1       | 2      | 0.426                |
|                       | 220   | 250     | 470    |                      |



### Comments on Foregoing Table.

The organs most often attacked in descending order of incidence are: In the males—the Bowels and Rectum (30.0 per cent.), the Lungs (19.6 per cent), and the Stomach (17.7 per cent.); in females—the Bowels and Rectum (24.0 per cent.), the Breast (18.0 per cent.), the Uterus (15.6 per cent.), and the Stomach (14.8 per cent.)

### THE PREVENTION AND CONTROL OF TUBERCULOSIS.

I am indebted to Dr. J. C. McMillan, the Assistant Medical Officer of Health for Tuberculosis, for the statistical part of this section of the report.

While prevention has so far yielded greater dividends than treatment, treatment has not stood still. A survey of the incidence and mortality figures in recent years shows greater diminution in mortality than in incidence of the pulmonary form of the disease.

Although social conditions are different and broadly unfavourable in 1945, a comparison with 1915 is the best we can do. The outstanding facts are these: In 1915, 138 per 100,000 of the population in Croydon died from all forms of tuberculosis; in 1945 the corresponding figure was 46.

Owing to fluctuations in population the following statistics cannot be correlated to those of previous war years.

#### Notification of Tuberculosis.

Two hundred and sixty-five cases of Pulmonary Tuberculosis and 43 cases of Non-pulmonary Tuberculosis were notified on Form A (primary notifications); of these 154 males and 111 females were pulmonary cases; 27 males and 16 females non-pulmonary. In addition, 49 pulmonary cases and 17 non-pulmonary came to our notice as new cases otherwise than by notification.

The total number of new cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the year 1945 by notification or otherwise was 374, as compared with 315 in 1944, 383 in 1943, 323 in 1942, and 286 in 1941.

314 of these were cases of Pulmonary Tuberculosis, 179 in males and 135 in females. There were 28 more cases of Pulmonary Tuberculosis in males and 15 more in females than in 1944.

There were 27 cases of Non-pulmonary Tuberculosis among children under 15 years as compared with 12 in 1944. The number of cases in adults was 33, compared with 32 in 1944.



Of the cases notified in 1945, 8 males and 5 females died from the Pulmonary form of the disease during the year, equal to 4.9 per cent. of those notified, and 4 males and 2 females from the Non-pulmonary form.

The incidence rate of Tuberculosis of all forms was 1.86 per 1,000 of the population; for Pulmonary Tuberculosis 1.56, and for Non-pulmonary 0.30 per 1,000 population. The notification rate was 1.53 per 1,000. In 1944 the corresponding figures were 1.66, 1.43, 0.23, and 1.35 per 1,000.

#### Public Health (Tuberculosis) Regulations, 1930.

Summary of notifications during the period from 1st January, 1945, to 31st December, 1945 :—

##### FORMAL NOTIFICATIONS.

| Age Periods.   | No. of Primary Notifications of New Cases of Tuberculosis |     |      |       |       |       |       |       |       |       |        | Total Notifications on Form A. |                  |
|----------------|---|-----|------|-------|-------|-------|-------|-------|-------|-------|--------|--------------------------------|------------------|
|                | 0-1   | 1-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-35 | 35-45 | 45-55 | 55-65 | 66 up. |                                | Total (all ages) |
| Pulmonary—     |   |     |      |       |       |       |       |       |       |       |        |                                |                  |
| Males ...      | —   | 1   | 1    | 4     | 19    | 34    | 28    | 17    | 26    | 18    | 6      | 154                            | 173              |
| Females ...    | —   | 2   | 1    | 2     | 16    | 23    | 33    | 19    | 7     | 8     | —      | 111                            | 112              |
| Non-Pulmonary— |   |     |      |       |       |       |       |       |       |       |        |                                |                  |
| Males ...      | —   | 4   | 6    | 4     | 4     | —     | 2     | 2     | 4     | 1     | —      | 27                             | 27               |
| Females ...    | —   | 1   | 4    | 2     | 3     | —     | 4     | —     | —     | 1     | 1      | 16                             | 19               |

#### Supplemental Return.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the period from 1st January, 1945, to 31st December, 1945, otherwise than by formal notification :—

| Age periods.            | 0-1 | 1-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-35 | 35-45 | 45-55 | 55-65 | 65 and upwards | Total Cases. |
|-------------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|----------------|--------------|
| Pulmonary Males ...     | —   | —   | —    | —     | 1     | 6     | 7     | —     | 7     | 2     | 2              | 25           |
| Females ...             | —   | —   | —    | 1     | 5     | 9     | 5     | 2     | 1     | 1     | —              | 24           |
| Non-pulmonary Males ... | —   | —   | 1    | —     | —     | 2     | 1     | 1     | —     | —     | 1              | 6            |
| Females                 | 1   | 1   | 1    | 2     | 2     | —     | 2     | 1     | —     | 1     | —              | 11           |



**Notification Register.**

Number of cases of Tuberculosis remaining on the Notification Register on 31st December, 1945 :—

| PULMONARY. |          |        | NON-PULMONARY. |          |        | Total Cases. |
|------------|----------|--------|----------------|----------|--------|--------------|
| Males.     | Females. | Total. | Males.         | Females. | Total. |              |
| 762        | 641      | 1403   | 134            | 158      | 292    | 1695         |

**CLASSIFICATION OF NEW PATIENTS.****Pulmonary Tuberculosis.**

During 1945, 223 of the new patients examined at the Clinic were found to be in the undermentioned stages of the disease on the first examination :—

|  |              |
|--|--------------|
| T.B. minus (sputum negative or absent) ...           | 116 or 52.0% |
| T.B. plus 1 (early cases, sputum positive)..         | 14 or 6.3%   |
| T.B. plus 2 (intermediate cases, sputum positive)... | 71 or 31.8%  |
| T.B. plus 3 (advanced cases, sputum positive)...     | 22 or 9.9%   |
|  | <hr/>        |
|  | 223 100.0%   |

**Ages at Death from Pulmonary Tuberculosis.**

| Year. | 0—5 | 5—15 | 15—25 | 25—45 | 45—65 | Over 65. | Total. |
|-------|-----|------|-------|-------|-------|----------|--------|
| 1938  | —   | 3    | 22    | 46    | 40    | 8        | 119    |
| 1939  | —   | —    | 19    | 44    | 30    | 3        | 96     |
| 1940  | —   | 1    | 18    | 61    | 38    | 10       | 128    |
| 1941  | —   | 2    | 11    | 33    | 32    | 12       | 90     |
| 1942  | —   | —    | 15    | 50    | 33    | 8        | 106    |
| 1943  | 1   | —    | 18    | 38    | 39    | 11       | 107    |
| 1944  | 2   | 1    | 15    | 36    | 33    | 11       | 98     |
| 1945  | —   | 1    | 17    | 28    | 23    | 6        | 75     |

In 1945 the death-rate from all forms of Tuberculosis was 0.46 per 1,000 population.

The rate for Pulmonary Tuberculosis was 0.37 and the rate for Non-Pulmonary Tuberculosis 0.09. Similar figures for 1944 were 0.51 and 0.06.



**Pulmonary Tuberculosis.**

In 1945 the total number of deaths decreased by 23.5 per cent. compared with 1944, and by 58.6 per cent. compared with 1938. There was only one death in children up to school leaving age (15 years). The majority of the deaths occurred in the age group 25—45 years. In spite of the fact that there were 23 fewer deaths in males than in 1944, there were still 50 per cent. more deaths in males than in females. In males the deaths are fairly evenly distributed over the age groups from 20 to 65 years. The number of female deaths was the same as in 1944.

New cases show an increase of 18.5 per cent. in males and 12.5 per cent. in females, compared with 1944, that is a total increase of 15.8 per cent. over 1944, and of 16.3 per cent. over 1938.

**Non-Pulmonary Tuberculosis.**

The diagnoses of the new cases entered in the Notification Register during 1945 were as follows:—

|                             | Male.     | Female.   |
|-----------------------------|-----------|-----------|
| Mastoid ... ..              | 1         | —         |
| Elbows ... ..               | 1         | —         |
| Spine ... ..                | 2         | —         |
| Sacro-iliac joint ... ..    | 1         | —         |
| Hip ... ..                  | 2         | 2         |
| Knee ... ..                 | —         | 1         |
| Abdomen ... ..              | 2         | 3         |
| Genito-urinary tract ... .. | 4         | 3         |
| Meninges ... ..             | 3         | 1         |
| Glands ... ..               | 11        | 6         |
| <b>Totals ...</b>           | <b>27</b> | <b>16</b> |

**Deaths from Non-Pulmonary Tuberculosis.**

During 1945, 18 deaths were certified to be due to Non-Pulmonary Tuberculosis, compared with 11 in 1944, 16 in 1943, 17 in 1942, 19 in 1941, 21 in 1940, and 12 in 1939.

The deaths were due to:—

|                                | Males.    | Females. | Total.    |
|--------------------------------|-----------|----------|-----------|
| Tuberculous Meningitis ... ..  | 4         | 5        | 9         |
| Tuberculous Kidney ... ..      | 1         | 1        | 2         |
| Tuberculous Peritonitis ... .. | 1         | —        | 1         |
| Miliary Tuberculosis ... ..    | 2         | 2        | 4         |
| Tuberculosis of Hip ... ..     | 1         | —        | 1         |
| „ „ Spine ... ..               | 1         | —        | 1         |
| <b>Totals ...</b>              | <b>10</b> | <b>8</b> | <b>18</b> |



### Co-ordination with Medical Practitioners, and Other Branches of the Health Department.

During the year 496 cases of suspected Tuberculosis were referred by private medical practitioners; 65 were diagnosed as suffering from Tuberculosis and were subsequently notified. In addition, 59 children were referred by the School Medical Service, and 50 cases from the Maternity and Child Welfare section of the Public Health Department. 80.0 per cent. of all notified cases were examined at the Clinic or were seen at the request of the medical attendant at the patient's home, as compared with 87.5 per cent. in 1944. 20 per cent. of the notified cases were referred from the Fighting Services through the Ministry of Health.

The number of reports sent in by Insurance medical practitioners on their domiciliary cases (Form G.P.36) was 216.

### Examination of Sputum.

The results of examinations made in 1945 are as follows:—

|  | For<br>Clinic. | For<br>General<br>Practi-<br>tioners. | Totals. |
|--|----------------|---------------------------------------|---------|
| Positive ( <i>i.e.</i> , tubercle bacilli present)... .. | 372            | 45                                    | 417     |
| Negative ( <i>i.e.</i> , tubercle bacilli absent)... ..  | 928            | 380                                   | 1308    |
| Totals ... ..  | 1300           | 425                                   | 1725    |

For each 100 new cases and contacts examined at the Clinic, 116 specimens of sputum were examined.

### X-Ray Work.

1,434 X-Ray examinations were made during the year. This is equivalent to 128 for every 100 new cases and contacts seen, and compares with a rate of 137 in 1944. In addition, a certain number of cases who have already been examined at various hospitals are referred to the Clinic. The X-Ray examinations were carried out at Mayday Hospital.

### Blood Examinations.

Blood sedimentation rate was ascertained in 272 cases at Mayday Hospital for the Chest Clinic during the year.

### Extra Nourishment.

Provision of special nourishment in the form of milk was granted to 37 selected cases for varying periods during the year, and 14 cases were in receipt of extra nourishment at the end of the year.

**Residential Treatment for Pulmonary Tuberculosis.**  
Summary of Patients who received Institutional Treatment during 1945.

| Institution.                          | In Institutions<br>on 1.1.45. |    |     | Admitted<br>During 1945. |     |     | Discharged<br>During 1945. |     |     | Died<br>During 1945. |    |     | Remaining in<br>on 31.12.45. |    |     |
|---------------------------------------|-------------------------------|----|-----|--------------------------|-----|-----|----------------------------|-----|-----|----------------------|----|-----|------------------------------|----|-----|
|                                       | Adults.                       |    |     | Adults.                  |     |     | Adults.                    |     |     | Adults.              |    |     | Adults.                      |    |     |
|                                       | M                             | F  | Ch. | M                        | F   | Ch. | M                          | F   | Ch. | M                    | F  | Ch. | M                            | F  | Ch. |
| Croydon Borough Sanatorium ...        | 39                            | 38 | —   | 71                       | 45  | —   | 69                         | 53  | —   | 2                    | 5  | —   | 39                           | 25 | —   |
| Brompton Hospital and Sanatorium ...  | 2                             | 3  | —   | 1                        | 10  | —   | 1                          | 8   | —   | —                    | 1  | —   | 2                            | 4  | —   |
| Children's Sanatorium, Harpenden ...  | —                             | —  | 3   | —                        | —   | 1   | —                          | —   | 1   | —                    | —  | —   | —                            | —  | 3   |
| Croydon General Hospital ...          | —                             | —  | —   | 1                        | 1   | —   | 1                          | 1   | —   | —                    | —  | —   | —                            | —  | —   |
| London Chest Hospital ...             | —                             | —  | —   | 1                        | —   | —   | 1                          | —   | —   | —                    | —  | —   | —                            | —  | —   |
| Horton Hospital (Chest Unit) ...      | —                             | —  | —   | 5                        | 5   | —   | 5                          | 5   | —   | —                    | —  | —   | —                            | —  | —   |
| King George's Sanatorium ...          | 1                             | —  | —   | —                        | —   | —   | 1                          | —   | —   | —                    | —  | —   | —                            | —  | —   |
| Grosvenor Sanatorium ...              | 1                             | 6  | —   | 1                        | 9   | —   | 1                          | 14  | —   | —                    | —  | —   | 1                            | 1  | —   |
| Langdon Hills Sanatorium ...          | —                             | —  | 1   | —                        | —   | —   | —                          | —   | —   | —                    | —  | —   | —                            | —  | 1   |
| Preston Hall Sanatorium ...           | —                             | —  | —   | 1                        | —   | —   | —                          | —   | —   | —                    | —  | —   | 1                            | —  | —   |
| National Sanatorium, Benenden ...     | 1                             | —  | —   | —                        | —   | —   | 1                          | —   | —   | —                    | —  | —   | —                            | —  | —   |
| Royal National Sanatorium ...         | —                             | 4  | —   | 2                        | 5   | —   | 2                          | 4   | —   | —                    | —  | —   | —                            | 5  | —   |
| Penbury Hospital ...                  | —                             | —  | —   | 1                        | —   | —   | 1                          | —   | —   | —                    | —  | —   | —                            | —  | —   |
| St. Michael's Home ...                | —                             | 1  | —   | —                        | —   | —   | —                          | 1   | —   | —                    | —  | —   | —                            | —  | —   |
| King Edward VII W.N.M.A. Hospital ... | —                             | 1  | —   | —                        | —   | —   | —                          | 1   | —   | —                    | —  | —   | —                            | —  | —   |
| Holy Cross Sanatorium ...             | —                             | 1  | —   | —                        | —   | —   | —                          | 1   | —   | —                    | —  | —   | —                            | —  | —   |
| Mayday Hospital ...                   | 12                            | 11 | 1   | 59                       | 61  | 8   | 38                         | 44  | 7   | 17                   | 11 | 1   | 16                           | 17 | 1   |
| Fairlight Sanatorium ...              | 1                             | —  | —   | —                        | —   | —   | 1                          | —   | —   | —                    | —  | —   | —                            | —  | —   |
| Radcliffe Infirmary ...               | —                             | —  | —   | —                        | 1   | —   | —                          | 1   | —   | —                    | —  | —   | —                            | —  | —   |
| Papworth ...                          | 1                             | 1  | —   | —                        | —   | —   | —                          | —   | —   | —                    | —  | —   | 1                            | 1  | —   |
| R.N.H.C., Ventnor ...                 | 1                             | —  | —   | 2                        | —   | —   | 2                          | —   | —   | —                    | —  | —   | 1                            | —  | —   |
| Sheffield Sanatorium ...              | 1                             | —  | —   | —                        | —   | —   | —                          | —   | —   | 1                    | —  | —   | —                            | —  | —   |
| Scottish E.M.S. Hospital ...          | 1                             | —  | —   | —                        | —   | —   | —                          | —   | —   | 1                    | —  | —   | —                            | —  | —   |
| King's College Hospital ...           | —                             | —  | —   | 1                        | —   | —   | 1                          | —   | —   | —                    | —  | —   | —                            | —  | —   |
| Nayland Sanatorium ...                | —                             | —  | —   | —                        | 2   | —   | —                          | —   | —   | —                    | —  | —   | —                            | 2  | —   |
|                                       | 61                            | 66 | 5   | 146                      | 139 | 9   | 125                        | 133 | 8   | 21                   | 17 | 1   | 61                           | 55 | 5   |



**Residential Treatment for Non-Pulmonary Tuberculosis.**  
**Summary of Patients who have received Institutional Treatment during 1945.**

| Institution.                              | In Institutions.<br>on 1.1.45. |    |     | Admitted<br>During 1945. |    |     | Discharged<br>During 1945. |    |     | Died<br>During 1945. |    |     | Remaining<br>in on 31.12.45. |    |     |
|---|--------------------------------|----|-----|--------------------------|----|-----|----------------------------|----|-----|----------------------|----|-----|------------------------------|----|-----|
|   | Adults.                        |    | Ch. | Adults.                  |    | Ch. | Adults.                    |    | Ch. | Adults.              |    | Ch. | Adults.                      |    | Ch. |
|   | M.                             | F. |     | M.                       | F. |     | M.                         | F. |     | M.                   | F. |     | M.                           | F. |     |
| Heritage Craft School ... ..              | —                              | —  | 3   | —                        | —  | 1   | —                          | —  | 1   | —                    | —  | —   | —                            | —  | 3   |
| St. Nicholas' & St. Martins Hosp. Pyrford | —                              | —  | 3   | —                        | —  | —   | —                          | —  | 2   | —                    | —  | —   | —                            | —  | 1   |
| Roy. Nat. Orthopaedic Hosp. ... ..        | 1                              | —  | —   | 1                        | —  | —   | 1                          | —  | —   | 1                    | —  | —   | —                            | —  | —   |
| Lord Mayor Treloar Cripples Hosp. ...     | —                              | —  | —   | —                        | —  | 1   | —                          | —  | —   | —                    | —  | —   | —                            | —  | 1   |
| Nayland Sanatorium ... ..                 | —                              | 1  | —   | —                        | —  | —   | —                          | 1  | —   | —                    | —  | —   | —                            | —  | —   |
| Queen Mary's Hospital ... ..              | —                              | —  | 1   | —                        | —  | —   | —                          | —  | —   | —                    | —  | —   | —                            | —  | 1   |
| London Hospital ... ..                    | —                              | —  | —   | —                        | —  | 1   | —                          | —  | 1   | —                    | —  | —   | —                            | —  | —   |
| St. Peter's Memorial Home ... ..          | —                              | —  | —   | —                        | 1  | —   | —                          | 1  | —   | —                    | —  | —   | —                            | —  | —   |
| Croydon General Hospital ... ..           | —                              | —  | —   | 3                        | 3  | 1   | 2                          | 3  | —   | —                    | —  | —   | 1                            | —  | 1   |
| Redhill County Hospital ... ..            | 1                              | —  | —   | —                        | —  | —   | 1                          | —  | —   | —                    | —  | —   | —                            | —  | —   |
| Mayday Hospital ... ..                    | —                              | —  | —   | 3                        | 1  | 3   | 2                          | 1  | 3   | —                    | —  | —   | 1                            | —  | —   |
| Victoria Home for Inv. Children ... ..    | —                              | —  | 3   | —                        | —  | 4   | —                          | —  | 4   | —                    | —  | —   | —                            | —  | 3   |
| St. Anthony's Hospital ... ..             | 1                              | —  | —   | —                        | —  | —   | 1                          | —  | —   | —                    | —  | —   | —                            | —  | —   |
|   | 3                              | 1  | 10  | 7                        | 5  | 11  | 7                          | 6  | 11  | 1                    | —  | —   | 2                            | —  | 10  |

### Residential Treatment.

217 males, 211 females and 35 children were treated in Residential Institutions in connection with the Croydon Tuberculosis Scheme during 1945.

Owing to the difficulty of obtaining nursing and domestic staff and other factors connected with the War, the number of patients treated in the Croydon Borough Sanatorium during the year was considerably reduced. At the end of the year there were only 64 beds occupied, compared with 77 at the end of 1944 and the normal 94 beds in peace time.

The immediate results of treatment of patients discharged from residential institutions during the year are as follows:—

### Pulmonary Tuberculosis.

In Class T.B. Minus, 18 males, 18 females and 2 children were discharged with the disease in a quiescent condition, *i.e.*, 70.4 per cent. of the total cases in this class. Five males and 9 females were not in a quiescent condition, 26.0 per cent.; 1 male and 1 female died, 3.6 per cent.

In Class T.B. Plus, the corresponding figures were 21 males, 14 females, and 1 child quiescent; 35.3 per cent.; 31 males and 28 females, not quiescent, 57.8 per cent.; 2 males and 5 females died, 6.9 per cent.

Taking the groups together, 47.4 per cent. of cases were discharged as quiescent; 46.8 per cent. as not quiescent; and 5.8 per cent. died.

### Non-Pulmonary Tuberculosis.

14 patients were discharged during the year, and 64.2 per cent. of these were quiescent.

### The Chest Clinic and Home Visiting.

The subjoined table gives a summary of the work done in connection with the Clinic.

962 new cases were examined during the year. This is equal to 1,034 for each 100 deaths from the disease. 243 or 261 for each 100 deaths were found to be definitely tuberculous.



The total number of attendances at the Clinic was 5,868. The Tuberculosis Officer paid 86 home visits and the District Health Visitors 1,853 visits for Clinic purposes. In addition, the Health Visitors made 329 primary visits for the purpose of the Notification Register.

The Tuberculosis Officer paid 72 visits to Mayday Hospital, in a consultative capacity, and there examined 336 patients.

Patients requiring home nursing or surgical dressings are attended to by the nurses from the Croydon Nursing Service, by arrangement with that organisation, and 620 such visits were made during the year. Their assistance is a valuable adjunct in the care of domiciliary cases.

#### **Contact Examination.**

The contacts of definite cases are urged to attend the Clinic for examination (and subsequent supervision). This is an important preventive measure. During the year 153 contacts were examined, equal to 164 for each 100 deaths, compared with 181 in 1944, 267 in 1943, 238 in 1942, 227 in 1941, 278 in 1940, 325 in 1939, and 301 in 1938. Of these, 3 were considered to be tuberculous. This is equal to a tuberculosis rate per 1,000 contacts of 19.6 compared with 1.86 per 1,000 of the general population.

229 appointments for examination were offered to new contacts during 1945, but only 153 new contacts attended and were examined.

#### **The Clinic Register of Cases.**

The number of cases of Tuberculosis under the supervision of the Clinic at the end of the year was 1,216. This is equivalent to 6.1 persons per 1,000 of the population.

During the year 71 Clinic cases died. Of this number 12 or 16.9 per cent. were seen for the first time in 1945.

#### **Dental Treatment for Patients Referred from the Chest Clinic to Lodge Road.**

Patients referred from the Chest Clinic are treated at Lodge Road Treatment Centre on Wednesday afternoons from 3.30 to 5 p.m. After the treatment has been carried out the Clinic is thoroughly disinfected.



The majority of cases are referred by the Tuberculosis Officer, the remainder being patients discharged from the Borough Sanatorium at Cheam before treatment could be completed.

#### Summary of Work Done.

|                                       | Males. | Females. | Total. |      |
|---------------------------------------|--------|----------|--------|------|
|                                       |        |          | 1945   | 1944 |
| Referred from Chest Clinic ...        | 4      | 8        | 12     | 16   |
| Treatment cases continued from Cheam. | 6      | 8        | 14     | 19   |
| Attendances ... ..                    | 35     | 61       | 96     | 108  |
| Extractions ... ..                    | 15     | 38       | 53     | 37   |
| Fillings ... ..                       | 5      | 13       | 18     | 23   |
| Dressings ... ..                      | 1      | 2        | 3      | 5    |
| Scalings ... ..                       | 7      | 1        | 8      | 4    |
| Denture Dressings ... ..              | 16     | 29       | 45     | 69   |
| Dentures fitted ... ..                | 6      | 7        | 13     | 22   |
| Repairs ... ..                        | —      | 1        | 1      | 2    |

Number of Treatment Sessions : 19.

#### SUMMARY OF CLINIC STATISTICS FOR 1945.

|  |       |
|--|-------|
| Number of persons on Clinic Register, January 1st, 1945 ...                        | 1,082 |
| " notified cases examined for the first time ...                                   | 33    |
| " cases sent for an opinion ... ..   | 757   |
| " first attendances, including 80 inward transfers ...                             | 1,218 |
| " consultations of T.O. with medical practitioners—                                |       |
| (a) Personal ... ..  | 4     |
| (b) Other ... ..   | 904   |
| " visits paid by T.O. to homes of patients ...                                     | 86    |
| " visits paid by T.O. to Mayday Hospital ...                                       | 72    |
| " patients examined by T.O. at Mayday Hospital ...                                 | 336   |
| " visits paid to homes of patients by Health Visitors...                           | 2,182 |
| " visits paid to homes of patients by District Nurses for nursing attention ... .. | 620   |
| Attendances of patients at the Clinic—   |       |
| Men ... ..   | 2,626 |
| Women ... ..   | 2,621 |
| Children ... ..  | 621   |
| Total ... ..   | 5,868 |



| Number of Insured Patients under Domiciliary Treatment at the end of year—  |     |     |     |     |     |       |
|---|-----|-----|-----|-----|-----|-------|
| Pulmonary   | ... | ... | ... | ... | ... | 328   |
| Non-Pulmonary   | ... | ... | ... | ... | ... | 12    |
| Total   |     |     |     |     |     | 340   |
| Number of reports received from Panel Practitioners (G.P.36)...   |     |     |     |     |     |       |
| ,, report forms sent to Panel Practitioners (G.P.36)...   |     |     |     |     |     | 216   |
| ,, reports received from Panel Practitioners on Forms G.P.17 ...  |     |     |     |     |     | 352   |
| ,, reports received from Panel Practitioners on Forms G.P.35 ...  |     |     |     |     |     | —     |
| ,, X-Rays taken ...   |     |     |     |     |     | 1,434 |
| ,, reports made to Ministry of Pensions by T.O. on general progress of Tuberculous ex-Service men                   |     |     |     |     |     | 85    |
| ,, special reports made to the Ministry of Pensions by T.O. re Tuberculous ex-Service men (Form M.P.M.S.D. 122) ... |     |     |     |     |     | 24    |
| ,, cases referred to Light Treatment ...  |     |     |     |     |     | 6     |
| ,, cases referred to Orthopaedic Clinic ...   |     |     |     |     |     | 15    |
| ,, cases receiving extra nourishment at the end of year   |     |     |     |     |     | 14    |
| ,, cases referred by the Ministry of Labour and National Service Medical Board for examination and report ...       |     |     |     |     |     | 46    |

#### Tuberculosis Maintenance and Other Allowances.

The Ministry of Health Tuberculosis Maintenance Allowances (as in Memorandum 266/T) to alleviate patients' financial distress caused by loss of income when undertaking treatment for Pulmonary Tuberculosis, continued to be administered during 1945.

- (1) No. of patients in receipt of Ministry of Health Allowances as at 31-12-44 ... 37—21 in Institutions  
16 on Domiciliary treatment.
- (2) No. of new patients ... 98
- (3) No. of patients no longer in receipt of Allowances ... 79
- (4) No. of patients in receipt of Ministry of Health Allowances as at 31-12-45 ... 56—18 in Institutions  
38 on Domiciliary treatment.

The Council's extension of Maintenance Allowances scheme continued during 1945. These allowances are granted to patients suffering from Pulmonary Tuberculosis who are not entitled to allowances under the Government scheme but who carry out treatment recommended under the Council's Tuberculosis scheme :—

- (1) No. of patients in receipt of Council Allowances as at 31-12-44 ... 27— 3 in Institutions  
24 on Domiciliary treatment.
- (2) No. of new patients ... 16
- (3) No. of patients no longer in receipt of Allowances ... 17
- (4) No. of patients in receipt of Council Allowances as at 31-12-45 ... 26— 2 in Institutions  
24 on Domiciliary treatment.

#### CHEAM SANATORIUM.

The Sanatorium is situated at North Cheam and normally has accommodation for 93 adult patients of both sexes: men 53

#### Immediate Results of Treatment.

| Group.               | Total number of cases discharged 1945. |    | Qui-<br>escent. |    | Im-<br>proved. |    | No<br>Material<br>Im-<br>prove-<br>ment. |    | Died<br>in<br>the<br>Sana-<br>torium. |   | Dis-<br>charged<br>before<br>com-<br>pletion<br>of treat-<br>ment. |   | Average<br>dura-<br>tion<br>of stay<br>in<br>days. |
|----------------------|--|----|-----------------|----|----------------|----|--|----|---------------------------------------|---|--|---|--|
|                      | M                                      | F  | M               | F  | M              | F  | M  | F  | M                                     | F | M  | F |  |
| Class T.B. Minus ... | 22                                     | 12 | 20              | 9  | 1              | 3  | —  | —  | —                                     | — | 1  | — | 118  |
| Class T.B. Plus—     |  |    |                 |    |                |    |  |    |                                       |   |  |   |  |
| Group I ...          | 5                                      | 5  | 4               | 3  | 1              | 1  | —  | —  | —                                     | — | —  | 1 | 159  |
| Group II ...         | 31                                     | 20 | 8               | 2  | 14             | 7  | 6  | 9  | 1                                     | 2 | 2  | — | 191  |
| Group III ...        | 6                                      | 5  | —               | —  | 2              | —  | 3  | 2  | 1                                     | 3 | —  | — | 281  |
| Observation Non T.B. | —                                      | 4  | —               | —  | —              | —  | —  | —  | —                                     | — | —  | — | —  |
|                      | 64                                     | 46 | 32              | 14 | 18             | 11 | 9  | 11 | 2                                     | 5 | 3  | 1 | —  |



| In-patients<br>on 1st Jan.,<br>1945 |    | Admitted<br>during year<br>1945 |    | Discharged during<br>year<br>including deaths |    | In on<br>1st Jan.<br>1946. |    | Died<br>during year<br>1955 |   |
|-------------------------------------|----|---------------------------------|----|---|----|----------------------------|----|-----------------------------|---|
| M                                   | F  | M                               | F  | M   | F  | M                          | F  | M                           | F |
| 39                                  | 38 | 74                              | 45 | 75  | 58 | 38                         | 25 | 2                           | 5 |

|                                      |     |     |       |
|--------------------------------------|-----|-----|-------|
| Number of Patients January 1st, 1945 | ... | ... | 77    |
| Admitted, 1945                       | ... | ... | 119   |
| Discharged, 1945                     | ... | ... | 126   |
| Died, 1945                           | ... | ... | 7     |
| Remaining January 1st, 1946          | ... | ... | 63    |
| No. of X-Ray Screenings              | ... | ... | 2,602 |
| No. of X-Ray Films taken             | ... | ... | 488   |
| No. of Refills given                 | ... | ... | 2,375 |
| No. of Gas Replacements              | ... | ... | 19    |
| No. of A.P. Cases commenced          | ... | ... | 28    |
| No. of Sputum Tests                  | ... | ... | 753   |
| No. of Pneumoperitoneum Refills      | ... | ... | 99    |

Artificial Pneumothorax cases discharged but still under treatment: 11 males, 12 females (see above), making total discharges: males 75, females 58. These Artificial Pneumothorax cases only refer to cases discharged in 1945. Those discharged in 1944 and still having refills have not been included.

There were 5 Observation cases sent in—1 male and 4 females. Of these 1 male was tubercular and of the females 4 were not tubercular. Therefore, there were 4 Observation cases in non-tuberculars, which are shown above. The 1 that was tubercular is in with the Tubercular cases and is not shown as Observation.

#### Dental Report.

Routine dental inspection and treatment for patients in the above institution is carried out as early as their general condition permits attendance at the surgery. In the acute stage attention is confined to those whose dental condition causes discomfort, or when treatment has been specially recommended by the Resident Medical Superintendent.

All available patients were inspected, but owing to a reduction in the overall accommodation at the Sanatorium fewer cases were actually dealt with than in 1944.

Those returning to their homes in Croydon before being rendered dentally fit received appointments to attend Lodge Road Clinic at a later date for the necessary work to be completed.

#### Review of Work Done.

|                              | <i>Males.</i> | <i>Females.</i> | <i>Total.</i> |      |
|------------------------------|---------------|-----------------|---------------|------|
|                              |               |                 | 1945          | 1944 |
| Number Examined ... ..       | 24            | 24              | 48            | 81   |
| Referred Treatment ... ..    | 23            | 22              | 45            | 73   |
| Treated ... ..               | 21            | 22              | 43            | 73   |
| Attendances ... ..           | 82            | 100             | 182           | 226  |
| Extractions ... ..           | 28            | 79              | 107           | 117  |
| Fillings ... ..              | 22            | 35              | 57            | 70   |
| Dressings ... ..             | 4             | 4               | 8             | 9    |
| Scalings ... ..              | 6             | 11              | 17            | 34   |
| Root Treatments ... ..       | —             | 1               | 1             | —    |
| Denture Dressings ... ..     | 24            | 17              | 41            | 30   |
| Dentures Fitted ... ..       | 6             | 3               | 9             | 7    |
| Repairs ... ..               | 4             | 2               | 6             | 3    |
| Mandibular Injections ... .. | 1             | 5               | 6             | 10   |

Number of Treatment Sessions: 23.

#### MATERNITY AND CHILD WELFARE.

##### Notification of Births.

|                                   | <i>Live Births.</i> | <i>Still Births.</i> | <i>Total.</i> |
|-----------------------------------|---------------------|----------------------|---------------|
| Notifications were received from— |                     |                      |               |
| Midwives ... ..                   | 3,235               | 69                   | 3,304         |
| Doctors, Parents and others...    | 544                 | 41                   | 585           |
|                                   | 3,779               | 110                  | 3,889         |



### Maternal Mortality.

There were 9 deaths, compared with 5 in 1944. The maternal mortality rate was 1.36 per 1,000 births, compared with 1.36 in 1944.

The deaths were caused by—

- (1) Ruptured ectopic gestation.
- (2) Septicæmia: pyelitis of pregnancy.
- (3) Ponto-cerebellar hæmorrhage due to chronic interstitial nephritis accelerated by a normal pregnancy.
- (4) Spontaneous rupture of right tubal pregnancy.
- (5) Ruptured ectopic gestation.
- (6) Abortion: placenta prævia.
- (7) Incomplete abortion (spontaneous).
- (8) Abortion (induced).
- (9) Abortion—septicæmia.

### Puerperal Pyrexia.

Forty-eight cases of Puerperal Pyrexia were notified. This is a rate of 13.0 per 1,000 births (live and still births).

### Accommodation for Confinement.

The following table gives information concerning the accommodation utilized for confinements:—

|                                | Number.           | Percentage. |
|--------------------------------|-------------------|-------------|
| In Private Houses ... ..       | 1,203             | 30.94       |
| In Public Institutions ... ..  | 1,797             | 46.20       |
| Registered Maternity Homes ... | 889               | 22.86       |
|                                | <hr/> 3,889 <hr/> |             |

### Still Births.

During 1945, 100 still births were registered in respect of Croydon. Of these 53 were male babies and 47 female; 7 males and 4 females were illegitimate. The proportion of still births to living children was as 1 to 36. The still birth rate was 2.7 per cent. of the total births. The still birth rate, on the same basis as for Infant Mortality, was 27.2 per 1,000 births.

### Ophthalmia Neonatorum.

Eleven cases were notified during 1945.

The following table gives the notifications in Croydon during the past ten years :—

|                           | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| No of Cases ...           | 20   | 21   | 20   | 15   | 14   | 17   | 19   | 10   | 3    | 11   |
| Rate per 1,000 Births ... | 6.2  | 6.4  | 6.0  | 4.5  | 4.7  | 7.0  | 5.5  | 2.7  | 0.8  | 3.1  |

### Results of Treatment.

| Notified. | Cases treated. |             | Vision Unimpaired. | Vision Impaired | Died. | Removed | Remaining under Treatment |
|-----------|----------------|-------------|--------------------|-----------------|-------|---------|---------------------------|
|           | At home.       | In hospital |                    |                 |       |         |                           |
| 11        | 9              | 2           | 11                 | —               | —     | —       | —                         |

### Infant Mortality.

The Infantile Mortality rate was 41 per 1,000 live births registered.

For the past 5 years the number of infant deaths have been 1941—90, 1942—137, 1943—137, 1944—156, and 1945—145. 120 deaths of infants occurred in Institutions, including Registered Nursing Homes.

Among the 145 deaths, 83 occurred in boy babies and 62 in girls. Of the births, 1,849 were males and 1,726 females. The infantile mortality rate for the two sexes was, therefore, Boys—45, Girls—36.



DEATHS UNDER ONE YEAR, ARRANGED IN DAYS, WEEKS AND MONTHS.

| CAUSES OF DEATH.                                   | 1st day. | 2nd day. | 3rd day. | 4th day. | 5th day. | 6th day. | 7th day. | 1st-2nd wk. | 2nd-3rd wk. | 3rd-4th wk. | Under 1 mnth. | 1-2 mths. | 2-3 mths. | 3-4 mths. | 4-5 mths. | 5-6 mths. | 6-7 mths. | 7-8 mths. | 8-9 mths. | 9-10 mths. | 10-11 mths. | 11-12 mths. | TOTAL. |
|--|----------|----------|----------|----------|----------|----------|----------|-------------|-------------|-------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|--------|
| All Causes Certified ... ..                        | 38       | 5        | 5        | 2        | 1        | 2        | —        | 8           | 11          | 3           | 75            | 18        | 15        | 6         | 6         | 4         | 8         | 3         | 3         | 4          | 1           | 2           | 145    |
| Chicken Pox ... ..                                 | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Measles ... ..                                     | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | 1         | —         | —         | —          | —           | —           | —      |
| Scarlet Fever ... ..                               | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Whooping Cough ... ..                              | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | 1         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Diphtheria and Croup ... ..                        | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Tuberculous Meningitis ... ..                      | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | 1         | —         | —         | —          | —           | —           | —      |
| Abdominal Tuberculosis ... ..                      | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Other Tuberculous Diseases ... ..                  | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Meningitis (not Tuberculous) ... ..                | —        | —        | 1        | —        | —        | —        | —        | —           | —           | —           | 1             | 1         | —         | —         | 1         | —         | —         | 1         | —         | —          | —           | —           | —      |
| Convulsions ... ..                                 | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Laryngitis ... ..                                  | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Bronchitis ... ..                                  | —        | —        | —        | —        | —        | —        | —        | —           | 1           | —           | 1             | 1         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Pneumonia (all forms) ... ..                       | —        | —        | —        | —        | —        | —        | —        | 1           | 1           | 1           | 3             | 3         | 4         | 2         | 3         | 2         | 4         | 2         | 1         | 2          | —           | —           | —      |
| Diarrhoea and Enteritis ... ..                     | —        | —        | —        | —        | —        | —        | —        | —           | 2           | —           | 2             | 2         | 7         | 3         | 1         | 1         | 2         | —         | 1         | —          | —           | —           | —      |
| Gastritis ... ..                                   | —        | —        | —        | —        | —        | —        | —        | 1           | —           | —           | 1             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Syphilis ... ..                                    | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | 1         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Rickets ... ..                                     | —        | —        | —        | —        | —        | —        | —        | —           | —           | —           | —             | —         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Congenital Malformations ... ..                    | 6        | 2        | —        | —        | —        | —        | —        | 4           | —           | —           | 12            | 3         | 1         | 1         | 1         | —         | —         | —         | —         | —          | 1           | —           | —      |
| Premature Birth ... ..                             | 21       | 2        | 3        | 2        | 1        | 1        | —        | 1           | 5           | 2           | 38            | 4         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Atrophy, Atelectasis, Debility and Marasmus ... .. | 7        | 1        | —        | —        | —        | —        | —        | —           | —           | —           | 8             | 1         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Injury at Birth ... ..                             | 2        | —        | —        | —        | —        | —        | —        | 1           | —           | —           | 3             | 1         | —         | —         | —         | —         | —         | —         | —         | —          | —           | —           | —      |
| Other Causes ... ..                                | 2        | —        | 1        | —        | —        | 1        | —        | —           | 2           | —           | 6             | 1         | 2         | —         | —         | 1         | —         | —         | —         | 1          | —           | —           | —      |
| Totals ... ..                                      | 38       | 5        | 5        | 2        | 1        | 2        | —        | 8           | 11          | 3           | 75            | 18        | 15        | 6         | 6         | 4         | 8         | 3         | 3         | 4          | 1           | 2           | 145    |

The rate of infant mortality amongst legitimate children was 41 per 1,000 births. The rate in illegitimate children was 47 per 1,000 births.

The following table gives the cause of death during the first month of life :—

(1) Complications of Labour—

Trauma and Inattention at Birth ... 5  
— 5

(2) Foetal States—

Congenital Heart Malformation... ... 4  
Other Congenital Deformities ... ... 8  
Atelectasis, etc. ... ... 8  
Hæmorrhagic Disease of Newborn ... ... 3  
Acute oesophagitis ... ... 1  
—24

(3) Prematurity ... ... 38  
—38

(4) Post-Natal Causes ... ... 8  
— 8

—  
75  
—

|   | Percentage Deaths per<br>Total Infantile Deaths. |      | Deaths per 1,000<br>Births. |      |
|---|--|------|-----------------------------|------|
|   | 1944   | 1945 | 1944                        | 1945 |
| Premature Births ... ..                                 | 32.1   | 29.0 | 14.0                        | 11.7 |
| Respiratory Diseases<br>(Pneumonia and Bronchitis.)     | 17.3   | 20.0 | 7.5                         | 8.1  |
| *Infectious Diseases (including<br>Tuberculosis) ... .. | 4.5  | 4.1  | 2.0                         | 1.7  |
| Atelectasis, Debility and<br>Marasmus ... ..            | 9.6  | 6.2  | 4.2                         | 2.5  |
| †Diseases of Digestion ... ..                           | 10.3   | 15.2 | 4.5                         | 6.1  |
| Injury at Birth and Congenital                          | 15.4   | 15.9 | 6.7                         | 6.4  |

\*These deaths were due to Tuberculosis 1, Whooping Cough 2 and Measles 3.

†These deaths were due to Diarrhoea 19, Gastritis 1, Strangulated Inguinal Hernia 1 and Acute Oesophagitis 1.

### MIDWIFERY SERVICE.

#### Midwives Acts, 1902 to 1936.

Eighty-three midwives notified the Local Supervising Authority of their intention to practice within the Borough during 1945. Twenty-four ceased practising in the Borough; so that fifty-nine remained on the Register at the end of the year. All these were trained and held the certificate of the Central Midwives Board.



The Rules of the Central Midwives Board lay down that the Local Supervising Authority must be informed within 36 hours by a midwife if she has summoned medical help during pregnancy; in a confinement or within 14 days afterwards. The following table gives details of the reasons for sending for medical aid :

FOR COMPLICATIONS DURING PREGNANCY.

|                    |   |                     |     |
|--------------------|---|---------------------|-----|
| Abortion ... ..    | 3 | Other causes ... .. | 24  |
| Albuminuria ... .. | 3 |                     |     |
|                    |   |                     | —30 |

FOR COMPLICATIONS DURING LABOUR.

|               |   |                    |    |
|---------------|---|--------------------|----|
| Breech ... .. | 6 | Undiagnosed ... .. | 3  |
|               |   |                    | —9 |

*Delayed Labour.*

|                        |    |                  |     |
|------------------------|----|------------------|-----|
| Uterine Inertia ... .. | 2  | Prolonged ... .. | 4   |
| Delayed ... ..         | 17 | Other ... ..     | 2   |
|                        |    |                  | —25 |

*Haemorrhage.*

|                    |   |                    |    |
|--------------------|---|--------------------|----|
| Ante-Partum ... .. | 1 | Post-Partum ... .. | 4  |
|                    |   |                    | —5 |

*Other Causes.*

|                                       |   |                          |      |
|---------------------------------------|---|--------------------------|------|
| Adherent and Retained Placenta ... .. | 2 | Torn Perineum ... ..     | 134  |
|                                       |   | Illness of Mother ... .. | 1    |
|                                       |   |                          | —137 |

FOR COMPLICATIONS DURING PUERPERIUM.

|                     |    |                        |     |
|---------------------|----|------------------------|-----|
| Pyrexia ... ..      | 22 | Pain in Breasts ... .. | 2   |
| Pain in Legs ... .. | 10 | Other causes ... ..    | 4   |
|                     |    |                        | —38 |

FOR COMPLICATIONS IN REGARD TO THE BABY.

|                             |    |                     |     |
|-----------------------------|----|---------------------|-----|
| Inflammation of Eyes ... .. | 39 | Still Birth ... ..  | 1   |
| Feebleness ... ..           | 3  | Other causes ... .. | 35  |
| Premature Birth ... ..      | 6  |                     |     |
|                             |    |                     | —84 |

328

In accordance with Rule 33 of the Central Midwives Board, the following reasons for the discontinuance of breast-feeding were received :—

|                          |     |
|--------------------------|-----|
| Illness of Mother ... .. | 11  |
| Insufficient Milk ... .. | 117 |
| Other Causes ... ..      | 37  |

Total ... .. 165

### Inspection of Midwives.

Dr. Jenkin Lloyd, the Inspector of Midwives, interviewed seven midwives at the Town Hall. Fourteen visits were paid by her to the homes of midwives.

### Doctors' Accounts under Section 14 (1) of the Midwives Act, 1918.

291 accounts were received from doctors for services rendered under the provisions of this Section. This compares with 248 in 1944, 329 in 1943, 373 in 1942, 245 in 1941, and 321 in 1940. The total amount of the accounts was £392 9s. 6d. £306 19s. 5d. was ultimately recovered from the patients. In 1944 the amount paid to doctors was £385 10s. 0d., and in 1943 £671 1s. 0d.

### Nursing Homes.

|   | Maternity Homes. | Other Nursing Homes. | Combined Maternity and other Nursing Homes. | Total. |
|---|------------------|----------------------|---|--------|
| No. of Homes on Register on 31/12/44 ... ..             | 9                | 23                   | 5   | 37     |
| No. of Applications for Registration during 1945 ... .. | 1                | 2                    | —   | 3      |
| No. of Homes Registered during 1945 ... ..              | 1                | 2                    | —   | 3      |
| No. of Homes on Register on 31/12/45 ... ..             | 9                | 23                   | 6   | 38     |
| No. of Beds available ...                               | 90               | 296                  | (a) Mat. Beds 41<br>(b) Other Beds 70       | 497    |



**WARTIME NURSERIES.**  
**Attendances at War-time Nurseries, 1945.**

|                                    | Cold-harbour House. | White-horse Road. | Mayday Road. | Tennison Road.      | Morland Road. | Bramley Hill. | Ritchie Road. | New Addington. | Euston Road. | Bensham Grove. |
|------------------------------------|---------------------|-------------------|--------------|---------------------|---------------|---------------|---------------|----------------|--------------|----------------|
| Date opened ... ..                 | 23/2/42             | 1/6/42            | 1/6/42       | 1/6/42              | 8/3/43        | 27/10/43      | 23/11/43      | 28/3/44        | 15/5/44      | 21/3/1945      |
| Number on books at end of year ... | 79                  | 50                | 53           | Closed<br>31/8/1945 | 58            | 54            | 52            | 58             | 48           | 48             |
| Attendances : under 2 ... ..       | 4676                | 4067              | 4839         | 2461                | 3761          | 4580          | 3164          | 1420           | 2940         | 1774           |
| over 2 ... ..                      | 13840               | 6889              | 6925         | 4403                | 7878          | 8354          | 6925          | 5363           | 7683         | 5681           |
| TOTAL ... ..                       | 18516               | 10956             | 11764        | 6864                | 11639         | 13034         | 10089         | 6783           | 10623        | 7455           |
| Number of days opened ... ..       | 300                 | 300               | 302          | 198                 | 302           | 300           | 299           | 299            | 299          | 232            |
| Average daily attendance ... ..    | 62                  | 37                | 39           | 35                  | 39            | 43            | 34            | 23             | 36           | 32             |

## MATERNITY AND CHILD WELFARE CONSULTATIONS.

There are 18 Maternity and Child Welfare Centres, 16 of which are conducted by the Croydon Mothers' and Infants' Welfare Association and 2 by the local authority. A total of 23 sessions per week are held and at these a doctor and one, or, if necessary, two health visitors, on the staff of the Health Department attend.

During 1945, 3,056 new cases under 1 year of age and 823 over 1 year of age attended for the first time; the total of attendances of infants and young children from 0—5 years increased from 56,884 in 1944 to 65,767 in 1945. Consultations with doctors increased from 17,034 to 21,613. 49 expectant mothers were seen, an increase of 4 on 1944, and a total of 339 visits to the Centres was paid by them. The total of all visits to the Centres was 66,106, an increase of 9,013 compared with 1944.

The highest average attendance of mothers and babies at each session was recorded at St. Stephen's (93.4), Norbury (81.5), Bensham Manor (78.9), Selhurst (75.6), South Croydon (75.5), Municipal (73.9).

### Dental Treatment.

#### Maternity and Child Welfare Patients.

Expectant and nursing mothers and children below school age are referred by Medical Officers attending Ante-Natal Clinics and Infant Welfare Centres. Since the inauguration of the Municipal Midwives Service applications for dental treatment have also been received in increasing numbers from this source.

Treatment for the above has progressed very satisfactorily. In spite of more patients than ever before being referred, extra sessions now available permit cases to be dealt with more rapidly than hitherto, and thus only a very small minority remained uninspected at the termination of the year.

One very concrete result of this "speeding up" of examination has been that elimination of sepsis can be carried out much earlier in the confinement than was the case a few years ago, thus greatly enhancing the value of treatment. A very substantial proportion now begin their treatment between the third and fourth month, and, as recorded below, over 80 per cent. were seen during the first six months of pregnancy.



A welcome increase is again noted in the number of pre-school children attending; reference to which will be found later in this report.

### **Expectant Mothers.**

New cases examined during the year numbered 657 compared with 602 last year, and represented 92 per cent. of the total number of mothers seen for the first time. Of the above, 82 per cent. presented themselves during the first six months of pregnancy. The remaining 18 per cent. seen during a later stage included some who had either failed earlier appointments or "declined" dental treatment when this was previously advised in the Ante-Natal Clinic.

### **Nursing Mothers.**

Owing to the greater number receiving their treatment antenatally, the proportion of mothers first inspected during the nursing period has declined considerably during recent years.

New cases referred were 56 compared with 44 last year. Those seen during the first six months after their confinement constituted 70 per cent. of the total number referred, compared with 79 per cent. last year. The remainder with infants between seven and twelve months, referred in the majority of cases from Welfare Centres, received mostly emergency treatment.

In addition to mothers attending for the first time, a large amount of treatment was also completed for those referred before their confinements in the previous year.

### **Treatment.**

Including those continuing treatment from the previous year, the total of expectant and nursing mothers treated was 812, compared with 776 in 1944.

As before, a substantial amount of treatment has been of a conservative nature. 225 dentures were inserted, compared with 282 last year.

Absenteeism among mothers in receipt of appointments for examination dropped from approximately 20 per cent. to 14.6 per cent. during the current year. While this result is encouraging, attempts to follow up such cases have been singularly unsuccessful. Though a small minority attend at a later date

when toothache intervenes, there is, apparently, still a substantial section who, while willing to avail themselves of medical attention, through ignorance or prejudice neglect to take advantage of existing dental facilities.

### The Pre-School Child.

The total of children referred from Welfare Centres and other sources was 390, compared with 299 in 1944. The further rise indicated is heartening as the figure thus obtained now surpasses that of 1938. Treatment for the above children has, from one cause or another, suffered considerably during the war years. It is hoped, however, that, given more normal conditions, substantial progress will now be possible.

The following summary shows particulars of the work accomplished :—

|                                | Expectant Mothers. | Nursing Mothers. | Total. | Young Children. |
|--------------------------------|--------------------|------------------|--------|-----------------|
| New Cases Examined ... ..      | 657                | 56               | 713    | 347             |
| Re-treated ... ..              | 52                 | 47               | 99     | 43              |
| Total ... ..                   | 709                | 103              | 812    | 390             |
| Attendances ... ..             | 2634               | 104              | 2738   | 712             |
| Fillings ... ..                | 781                | 12               | 793    | 418             |
| Extractions ... ..             | 1896               | 35               | 1931   | 333             |
| " Gas " Cases ... ..           | 324                | 7                | 331    | 125             |
| Local Anaesthesia ... ..       | 460                | 11               | 471    | 144             |
| Scalings and Gum Treatment ... | 342                | 3                | 345    | 13              |
| Dressings ... ..               | 570                | 19               | 589    | 33              |
| Denture Dressings ... ..       | 1169               | 43               | 1212   | —               |
| Silver Nitrate ... ..          | —                  | —                | —      | 624             |
| Treatments Completed ... ..    | 326                | 8                | 334    | 195             |

|                                       |     |
|---------------------------------------|-----|
| Number of Sessions (treatment) ... .. | 485 |
| Dentures Fitted : Full ... ..         | 134 |
| Partial ... ..                        | 91  |
| Total ... ..                          | 225 |
| Dentures repaired ... ..              | 10  |



The Centres at which patients were examined, or from which they were referred, are given in the following list:—

|                    |     |     |     | Young<br>Chil-<br>dren. |                    |     |    |     | Young<br>Chil-<br>dren. |
|--------------------|-----|-----|-----|-------------------------|--------------------|-----|----|-----|-------------------------|
|                    |     |     |     | Mothers.                |                    |     |    |     | Mothers.                |
| Ante-Natal         | ... | ... | 637 | —                       | Bensham Manor      | ... | 1  | 6   |                         |
| Post-Natal         | ... | ... | 1   | —                       | St. Andrew's       | ... | 3  | 9   |                         |
| Municipal Midwives | ... | ... | 274 | —                       | Waddon             | ... | 1  | 11  |                         |
| Municipal          | ... | ... | 8   | 30                      | Shirley            | ... | 1  | 9   |                         |
| East Croydon       | ... | ... | 9   | 18                      | Boston Road        | ... | 2  | 13  |                         |
| Upper Norwood      | ... | ... | 3   | 3                       | St. Stephen's      | ... | 3  | 13  |                         |
| West Croydon       | ... | ... | 6   | 10                      | Holy Trinity       | ... | 6  | 8   |                         |
| South Norwood      | ... | ... | 14  | 10                      | Addington          | ... | —  | 11  |                         |
| South Croydon      | ... | ... | 1   | 8                       | Wartime Nurseries  | ... | —  | 67  |                         |
| St. Alban's        | ... | ... | 4   | 13                      | The Retreat        | ... | 10 | —   |                         |
| Woodside           | ... | ... | 2   | 8                       | Referred by Dental | ... |    |     |                         |
| St. Oswald's       | ... | ... | 4   | 17                      | Officers           | ... | —  | 126 |                         |

Mothers, 990. Young Children 390. Total: 1,380.

The amount received for attendance fees was £69 13s. 0d., as against £62 13s. 0d. in 1944.

### PREMATURE BABIES.

Arrangements have been made for premature infants born in hospitals or at home to be notified to the Medical Officer of Health each week to enable the Health Visitors to follow them up when they return home.

- (1) Number of premature babies notified during 1945 who were born—

|                  |     |     |     |     |
|------------------|-----|-----|-----|-----|
| (i) at home      | ... | ... | ... | 46  |
| (ii) in hospital | ... | ... | ... | 130 |

- (2) The number of those born at home—

|                                      |     |    |
|--------------------------------------|-----|----|
| who were nursed entirely at home     | ... | 40 |
| who died during the first 24 hours   | ... | 1  |
| who survived at the end of one month | ... | 45 |

- (3) The number of those born in hospital—

|                                      |     |     |
|--------------------------------------|-----|-----|
| who died during the first 24 hours   | ... | 17  |
| who survived at the end of one month | ... | 113 |

# The Work of the Health Visitors.—Maternity and Child Welfare Only.

| Visits Re :—           | Adalian<br>Left 28-3-45 | Andrews<br>Com. 23-5-45 | Ashe  | Bird  | Carlton | Cross | Devaney | Early | Ernest | Hinton | Hobday | Lewis<br>Left 30-11-45 | Linton<br>Com. 3-4-45 | Mace<br>Com. 3-4-45 | Oakley | Overington | Richardson<br>Left 30-11-45 | Southgate | Toneri | Wakefield | Walker | Warman | Webb  | Wilson | Wybrew | Total   |
|------------------------|-------------------------|-------------------------|-------|-------|---------|-------|---------|-------|--------|--------|--------|------------------------|-----------------------|---------------------|--------|------------|-----------------------------|-----------|--------|-----------|--------|--------|-------|--------|--------|---------|
| Infants under 1 year.  |                         |                         |       |       |         |       |         |       |        |        |        |                        |                       |                     |        |            |                             |           |        |           |        |        |       |        |        |         |
| First visits ...       | 26                      | 193                     | 92    | 186   | 108     | 118   | 209     | 98    | 192    | 132    | 254    | 121                    | 173                   | 142                 | 144    | 199        | 135                         | 195       | 313    | 80        | 275    | 129    | 132   | 202    | 199    | 4,047   |
| Re-visits ...          | 33                      | 362                     | 231   | 500   | 575     | 153   | 706     | 582   | 285    | 1,024  | 1,042  | 595                    | 345                   | 656                 | 623    | 940        | 537                         | 216       | 277    | 153       | 573    | 205    | 400   | 427    | 456    | 11,956  |
| Children 1-2 years.    |                         |                         |       |       |         |       |         |       |        |        |        |                        |                       |                     |        |            |                             |           |        |           |        |        |       |        |        |         |
| First visits ...       | 1                       | 65                      | 1     | 8     | 3       | 6     | 4       | 1     | 14     | 4      | 24     | 3                      | 27                    | 3                   | 17     | 15         | 5                           | 16        | 1      | —         | 15     | 14     | 5     | 18     | —      | 274     |
| Re-visits ...          | 10                      | 430                     | 133   | 359   | 398     | 157   | 350     | 384   | 102    | 451    | 514    | 397                    | 242                   | 397                 | 384    | 670        | 267                         | 216       | 125    | 197       | 589    | 117    | 397   | 422    | 307    | 8,016   |
| Children 2-5 years.    |                         |                         |       |       |         |       |         |       |        |        |        |                        |                       |                     |        |            |                             |           |        |           |        |        |       |        |        |         |
| First visits ...       | 1                       | 81                      | —     | 3     | 2       | 9     | 6       | —     | 9      | —      | 27     | 10                     | 33                    | 4                   | 11     | 1          | 3                           | 27        | 1      | 2         | 15     | 14     | 21    | 25     | 10     | 315     |
| Re-visits ...          | 27                      | 395                     | 226   | 377   | 348     | 197   | 346     | 517   | 260    | 389    | 940    | 666                    | 416                   | 458                 | 372    | 633        | 384                         | 406       | 116    | 274       | 925    | 295    | 585   | 856    | 400    | 10,808  |
| Expectant Mothers.     |                         |                         |       |       |         |       |         |       |        |        |        |                        |                       |                     |        |            |                             |           |        |           |        |        |       |        |        |         |
| First visits ...       | 12                      | 100                     | 78    | 99    | 44      | 67    | 122     | 66    | 177    | 78     | 116    | 64                     | 87                    | 79                  | 75     | 92         | 89                          | 129       | 151    | 64        | 102    | 91     | 77    | 142    | 106    | 2,247   |
| Re-visits ...          | 2                       | 8                       | 9     | —     | 1       | 16    | —       | 3     | 10     | —      | 78     | —                      | 1                     | —                   | —      | 10         | 3                           | 6         | 4      | 10        | 9      | —      | —     | 28     | 2      | 236     |
| Still Births ...       | 1                       | —                       | —     | —     | 1       | 2     | —       | 1     | —      | —      | —      | —                      | —                     | 1                   | —      | —          | 1                           | 3         | 4      | —         | —      | —      | 1     | 2      | 1      | 18      |
| Deaths under 1 year    | —                       | —                       | 3     | 1     | —       | 2     | —       | —     | 10     | —      | 4      | 1                      | 7                     | 1                   | 1      | 2          | 2                           | 1         | 5      | —         | 2      | 2      | 2     | 3      | 5      | 54      |
| Miscellaneous visits   | 9                       | 28                      | 2     | 5     | 10      | 17    | 35      | 4     | 31     | 17     | 29     | 5                      | 15                    | 7                   | 10     | 14         | 6                           | 219       | 21     | 5         | 19     | 14     | 18    | 32     | 20     | 592     |
| Ineffective visits ... | 58                      | 254                     | 147   | 161   | 225     | 368   | 287     | 223   | 299    | 474    | 226    | 228                    | 399                   | 544                 | 444    | 232        | 323                         | 257       | 190    | 259       | 501    | 527    | 395   | 279    | 317    | 7,617   |
| Totals—1945            | 180                     | 1,016                   | 922   | 1,699 | 1,715   | 1,112 | 2,065   | 1,915 | 1,329  | 2,609  | 3,254  | 2,090                  | 1,745                 | 2,292               | 2,081  | 2,808      | 1,755                       | 1,691     | 2,209  | 1,044     | 3,025  | 1,408  | 2,093 | 2,436  | 1,827  | 46,180  |
| 1944                   | 824                     | —                       | 1,026 | 2,490 | 1,771   | 1,216 | 2,537   | 2,009 | 1,473  | 3,017  | 3,872  | 2,655                  | —                     | —                   | 1,961  | 2,697      | 1,847                       | 2,006     | 1,223  | 1,292     | 3,224  | 2,159  | 2,300 | 2,716  | 2,544  | *51,144 |

\* Including Health Visitors who left during 1944.



*Attendances at Infant Centres—1945.*

|  | Municipal. | Boston Road. | St. Andrew's. | South Croydon. | Shirley. | Woodside. | East Croydon. | South Norwood | Upper Norwood. | St. Alban's. | Bensham Manor. | St. Oswald's. | West Croydon. | Norbury. | Waddon. | Selhurst. | New Addington. | St. Stephen's | Total 1945. | Total 1944. |
|--|------------|--------------|---------------|----------------|----------|-----------|---------------|---------------|----------------|--------------|----------------|---------------|---------------|----------|---------|-----------|----------------|---------------|-------------|-------------|
| New cases under 1 year ...                 | 391        | 110          | 139           | 191            | 166      | 141       | 297           | 245           | 104            | 184          | 148            | 198           | 110           | 137      | 117     | 112       | 125            | 181           | 3096        | 2663        |
| No. of re-attendances ...                  | 4496       | 1779         | 1884          | 2116           | 1162     | 1613      | 3179          | 2568          | 1085           | 2345         | 2019           | 2999          | 1283          | 1981     | 1315    | 1845      | 1085           | 2375          | 37129       | 32629       |
| New cases over 1 year ...                  | 72         | 34           | 39            | 50             | 41       | 61        | 70            | 62            | 35             | 47           | 52             | 28            | 30            | 28       | 39      | 71        | 16             | 59            | 834         | 449         |
| No. of re-attendances ...                  | 2434       | 1297         | 1043          | 1253           | 1070     | 962       | 2182          | 1455          | 994            | 1321         | 1643           | 1857          | 958           | 1674     | 1090    | 1484      | 801            | 1869          | 25387       | 21143       |
| Attendances of children 0-5                | 7393       | 3220         | 3105          | 3610           | 2439     | 2777      | 5728          | 4330          | 2218           | 3897         | 3862           | 5082          | 2381          | 3820     | 2561    | 3512      | 2027           | 4484          | 66446       | 56884       |
| Consultations with Doctor                  | 2464       | 1068         | 1091          | 1046           | 538      | 1034      | 1928          | 1919          | 692            | 1240         | 1161           | 1476          | 986           | 849      | 898     | 1230      | 813            | 1291          | 21724       | 17034       |
| No. of Sessions ...                        | 100        | 48           | 49            | 48             | 48       | 49        | 97            | 97            | 49             | 55           | 49             | 96            | 49            | 47       | 47      | 47        | 49             | 48            | 1073        | 1083        |
| EXPECTANT MOTHERS :                        |            |              |               |                |          |           |               |               |                |              |                |               |               |          |         |           |                |               |             |             |
| No. of new cases ...                       | —          | —            | —             | 2              | 7        | —         | —             | 7             | —              | 3            | —              | —             | —             | —        | 6       | 2         | 22             | —             | 49          | 45          |
| No. of re-attendances ...                  | —          | —            | —             | 11             | 17       | —         | 24            | 6             | —              | 24           | 2              | —             | 24            | 10       | 84      | 39        | 28             | —             | 269         | 164         |
| Total attendances of Expectant Mothers ... | —          | —            | —             | 13             | 24       | —         | 24            | 13            | —              | 27           | 2              | —             | 24            | 10       | 90      | 41        | 50             | —             | 318         | 209         |
| Total attendances...                       | 7393       | 3220         | 3105          | 3623           | 2463     | 2777      | 5752          | 4343          | 2218           | 3924         | 3864           | 5082          | 2405          | 3830     | 2651    | 3553      | 2077           | 4484          | 66764       | 57093       |
| Average attendance per Session... 1945     | 73.9       | 67.1         | 63.4          | 75.5           | 51.3     | 56.7      | 59.1          | 44.8          | 45.3           | 71.4         | 78.9           | 52.9          | 49.1          | 81.5     | 56.3    | 75.6      | 42.4           | 93.4          | 62.2        |             |
| 1944                                       | 57.5       | 57.5         | 55.1          | 69.1           | 54.0     | 51.0      | 54.2          | 49.3          | 40.5           | 49.1         | 63.8           | 47.0          | 38.8          | 60.1     | 48.6    | 56.1      | 34.9           | 72.5          |             | 52.7        |

† Total average attendance each week at all Centres.

### Convalescence Committee of the Croydon Mothers' and Infants' Welfare Association.

This Committee undertakes the arrangements for convalescence in cases of mothers and children referred for that purpose by the medical officers at the various Infant Welfare Clinics. I am indebted to the Convalescence Secretary for the data given below :—

|   |     |     |     |     |      |          |
|---|-----|-----|-----|-----|------|----------|
| Total number of children under 5 sent to Convalescent |     |     |     |     |      |          |
| homes ...   | ... | ... | ... | ... | ...  | 15       |
| Total number of weeks ...                             |     |     |     |     |      |          |
| ...   | ... | ... | ... | ... | ...  | 132      |
| Cost ...  |     |     |     |     |      |          |
| ...   | ... | ... | ... | ... | £106 | 19s. 7d. |
| Numbers of mothers sent for convalescence ...         |     |     |     |     |      |          |
| ...   | ... | ... | ... | ... | ...  | 1        |
| Number of children under 5 sent with their mothers to |     |     |     |     |      |          |
| cottages ...  | ... | ... | ... | ... | ...  | 2        |

### Home Helps.

During the year 484 expectant mothers applied for Home Helps, and 433 were supplied. The corresponding figures for 1944 were 412 mothers applied, and 373 were supplied. At the end of the year there were the names of 21 full-time and 9 casual Home Helps on the register.

### Babies' Help Report.

I am indebted to Mrs. Philpott for the following particulars :—

"In January, 1945, eleven mothers and babies were receiving grants. During the year 27 mothers were helped, and at the end of the year 3 were left on the books. Grants are paid through the Welfare Centres, and the Committee wish to record thanks to the Health Visitors for their co-operation."

### Croydon Association of Moral Welfare.

This Association has a Home for Girls at 34, Morland Road, and a Hostel at 24, Morland Road. As the Council now makes a yearly financial grant of £100 towards its conduction, it is periodically inspected by the Council's officers.

## PUBLIC HEALTH ACT, 1936. PART VII.

### Child Life Protection.

This part of the Act deals with Foster Mothers and Foster Children.



The Tables below give figures for 1945.

#### FOSTER CHILDREN.

| No. as at<br>Dec. 31st<br>1944 | Notice of<br>Reception<br>of Children<br>during the<br>year | Notice of removal to— |  |                             |                                 | Children<br>Adopted | Died | Children<br>reaching<br>age of 9 | No. as at<br>Dec. 31st<br>1945 |
|--------------------------------|---|-----------------------|--|-----------------------------|---------------------------------|---------------------|------|----------------------------------|--------------------------------|
|                                |   | Parent                | Another<br>area with<br>Foster<br>Parent | Another<br>Foster<br>Mother | Public<br>Insti-<br>tu-<br>tion |                     |      |                                  |                                |
| 87                             | 142   | 53                    | 22                                       | 21                          | 6                               | 6                   | 7    | 2                                | 112                            |

#### FOSTER MOTHERS.

| No. as at<br>December 31st<br>1944 | Applications<br>for<br>Authorisation<br>during the<br>year. | Removals during the year |               | Authorisation<br>cancelled for<br>other reasons | No. as at<br>December 31st<br>1945 |
|------------------------------------|---|--------------------------|---------------|---|------------------------------------|
|                                    |   | With Child               | Without child |   |                                    |
| 61                                 | 65  | 6                        | 3             | 12  | 105                                |

The Health Visitors paid 997 visits to foster-mothers for the purpose of supervision.

#### THE OBSTETRIC SERVICE.

The Obstetric Service has been described in my Report for 1938. The following are the statistics for 1945.

Taking the Registrar-General's figures for maternal mortality (deaths directly due to pregnancy), the rate for England and Wales for 1945 was 1.79 per 1,000 births. In Croydon the rate was 2.45. In "booked" cases treated by the Obstetric Service the rate for 1945 was 0.62 per 1,000 Hospital deliveries; nil per 1,000 home deliveries, and 0.38 per 1,000 over all deliveries.

The total rate for the Service, 0.38 per 1,000, is the lowest ever recorded.

Of the cases treated to a conclusion at the Post-Natal Clinic during 1945, 96.8 per cent. were classified as "Health Unimpaired." This signifies that anatomically and functionally their condition was the same as before their pregnancies. The corresponding figure for 1944 was 96.7.



The number of cases delivered of viable babies in Mayday Hospital, with a nominal 68 beds, was 1,027. The number delivered at St. Mary's Maternity Hospital, with 30 beds, was 609. The number of cases delivered by the Domiciliary Branch of the Service (Municipal Midwives) was 1,015. Including 48 cases admitted after delivery, the total number of deliveries dealt with by the Obstetric Service was 2,799. The total number of infants born was 2,840.

In April, 1943, Monteagle Nursing Home was equipped and opened as an annexe to Mayday and St. Mary's Hospitals, providing 20 additional lying-in beds and 2 nurseries. These beds are included in the Mayday Hospital beds named above. 327 mothers and babies were transferred from Mayday Hospital, and 81 mothers and babies from St. Mary's Hospital in 1945 to finish their nursing after about the 7th day. This has made possible the considerable increase in the number of deliveries in Mayday Hospital, and, to a lesser extent, in St. Mary's Hospital, in 1945, as compared with previous years. The Home was closed owing to enemy action up to July, 1945. These figures are, therefore, for the latter half of the year.

#### General Statistics, 1945.

|   |           |       |
|---|-----------|-------|
| No. of live births allocated to the Borough of Croydon                                | ...       | 3,575 |
| "    still    "    "    "    "    "   | ...       | 100   |
| No. of maternal deaths  | ...       | 9     |
| No. of cases of notified Puerperal Pyrexia  | ...       | 57    |
| <hr/>   |           |       |
| No. of expectant mothers who attended the Borough Ante-Natal Clinics                  | ...       | 3,153 |
| No. of cases delivered in Mayday Hospital as Booked cases (exclusive of abortions)    | ...       | 997   |
| No. of cases delivered in Mayday Hospital as Emergency cases (exclusive of abortions) | ...       | 78    |
| Total cases delivered in Mayday Hospital  | ...       | 1,075 |
| No. of cases delivered in St. Mary's Maternity Hospital as Booked cases               | ...       | 609   |
| No. of cases delivered in St. Mary's Maternity Hospital as Emergency cases            | ...       | —     |
| Total cases delivered in St. Mary's Maternity Hospital                                | ...       | 609   |
| No. of cases delivered by Municipal midwives  | ...       | 1,015 |
|   |           | <hr/> |
|   | Total ... | 2,799 |



No. of cases admitted to the Puerperal Infection Unit, Borough Hospital and Mayday Hospital Isolation Wards, including 28 from Mayday Hospital and 7 from St. Mary's Maternity Hospital ... 43

No. of Maternal deaths in Booked cases from Borough Ante-Natal Clinics ... 1

No. of Maternal deaths in Emergency cases at Mayday Hospital ... 6  
(including 2 criminal abortions)

No. of Maternal deaths in cases admitted as Puerperal Sepsis *per se* ... 0

Total Maternal deaths in beds of the Obstetric Service (including 3 abortions, 2 of which were criminal) 7

The total number of patients treated by the Obstetric Service was:—

|  |                   |
|--|-------------------|
| (a) In Mayday Hospital ...   | 1,849             |
| (b) In St. Mary's Maternity Hospital ...   | 609               |
| (c) In the Borough Hospital Puerperal Infection Unit and Mayday Hospital Isolation Wards, excluding 28 from (a) and 7 from (b) ... | 8                 |
| (d) At the Ante Natal Clinics and delivered outside the above Hospitals (including Municipal Midwives' cases) ...                  | 1,165             |
| (e) At the Post-Natal Clinics, excluding those included in (a), (b), (c) and (d) ...   | 1,602             |
| (f) At the Ante-Natal Clinics and undelivered on December 31st, 1945 ...   | 1,177             |
|  | <hr/> 6,380 <hr/> |

#### Incidence of Abortion.

|  | 1945.           | 1944.           |
|--|-----------------|-----------------|
| Incomplete abortions ...                       | 167             | 132             |
| Threatened abortion with final evacuation ...  | 33              | 17              |
| Inevitable abortion ...                        | 15              | 14              |
| Complete abortion ...                          | 16              | 31              |
| Missed abortion ...                            | 10              | 6               |
| Threatened abortion discharged undelivered ... | 62              | 41              |
| Total ...                                      | <hr/> 303 <hr/> | <hr/> 241 <hr/> |

## ANTE-NATAL SUPERVISION.

|  | 1944   | 1945   |
|--|--------|--------|
| No. of Sessions at Ante-Natal Clinics held ...   | 551    | 601    |
| No. of individuals who attended ...  | 3,783  | 4,092  |
| No. of previous year's cases continuing attendance ...                                   | 982    | 939    |
| No. of new cases ...   | 2,824  | 3,153  |
| No. of cases undelivered on 31st December ...  | 939    | 1,177  |
| Total attendances made ...   | 21,141 | 22,663 |
| Average attendances per session ...  | 39     | 38     |
| No. of cases delivered in hospital as Booked cases ...                                   | 1,584  | 1,684  |
| No. of cases delivered by Municipal Midwives ...   | 991    | 1,015  |
| No. of cases delivered at other places under the care of private doctors or midwives ... | 425    | 150    |
| No. of patients found not to be pregnant ...   | 25     | 28     |
| No. of patients referred to hospital for Ante-Natal treatment ...                        | 267    | 359    |

The conditions for which these were admitted can be ascertained by reference to the "Booked" columns of the Numerical Summary of Cases. 8 Ante-Natal Clinics per week are now held at Lodge Road for cases booked for Hospital delivery and 4 Clinics per week for home delivery. A Post-Natal Clinic for cases delivered at home has also been instituted.

During 1945 the Obstetric Service dealt with 2,840 out of the total births allocated to the Borough.

### Major Ante-Natal Conditions treated at the Ante-Natal Clinic.

#### BREECH PRESENTATION.

|  |     |
|--|-----|
| Breech presentation diagnosed ...          | 215 |
| Spontaneous version ...                    | 19  |
| External version successful ...            | 138 |
| External version not successful ...        | 37  |
| Allowed to go to term as Breech ...        | 18  |
| Not recognised as Breech before labour ... | 3   |

#### DENTAL TREATMENT.

|   |     |
|---|-----|
| No. of cases referred to Borough Dental Surgeons ...          | 912 |
| No. of cases referred to Private Dental Surgeons ...          | 63  |
| No. of cases refusing dental treatment ...                    | 37  |
| No. of cases seen too late for necessary dental treatment ... | 45  |

#### TUBERCULOSIS.

|  |    |
|--|----|
| Referred from Tuberculosis Officer because of pregnancy ...        | 15 |
| Referred to Tuberculosis Officer for opinion on lung condition ... | 18 |

#### VENEREAL DISEASE.

|  |    |
|--|----|
| Gonorrhoea ... Total cases ...         | 7  |
| Transferred to Borough V.D. Clinic ... | 7  |
| Syphilis ... Total cases ...           | 10 |
| Transferred to Borough V.D. Clinic ... | 10 |
| Non-Venereal ...                       | 14 |



### Independent Midwives Cases.

These cases may be summarised as follows :—

|  |     |
|--|-----|
| Total number of midwives' cases during 1945 ...    | 150 |
| Number of cases sent for one consultation only ... | 96  |
| Number of cases supervised entirely ... ..         | 54  |

### Physiotherapy.

The following statistics have been furnished by the Physiotherapist in respect of cases seen at St. Mary's Maternity Hospital :—

|                                      |       |
|--------------------------------------|-------|
| Number of patients dealt with ... .. | 613   |
| „ exercise tables given ... ..       | 3,195 |
| „ massage treatments given ... ..    | 8     |
| „ electrical treatments given ... .. | 38    |

### SPECIAL INVESTIGATIONS.

Special investigations were carried out on ante-natal patients attending the Clinics and on patients in St. Mary's Maternity Hospital and Mayday Hospital Maternity Wards.

### Pathological Investigations.

|   |     |
|---|-----|
| Blood for Wasserman ... ..                    | 169 |
| Blood for Kahn Reaction ... ..                | 132 |
| Blood for Gonococcus Fixation Test ... ..     | 132 |
| Blood for Grouping ... ..                     | 180 |
| Blood for Culture ... ..                      | 10  |
| Blood for Urea Content ... ..                 | 31  |
| Blood for Cell Count, etc. ... ..             | 74  |
| Catheter Urine for Routine Examination ... .. | 504 |
| Urine for Aschheim-Zondek Test ... ..         | 47  |
| Urine for Urea Concentration Test ... ..      | 92  |
| Lochia for Culture ... ..                     | 183 |
| Sputum for Examination ... ..                 | 1   |
| Pus for Identification of Organism ... ..     | 36  |
| Urethral Smears for Gonococci, etc. ... ..    | 4   |
| Conjunctival Smears ... ..                    | 40  |
| Histological Sections ... ..                  | 179 |
| Throat Swabs for Organisms ... ..             | 112 |
| Faeces for Occult Blood, etc. ... ..          | 7   |
| Blood for Hb. Estimation ... ..               | 634 |
| Various ... ..                                | 46  |
| Blood Compatibility Tests ... ..              | 80  |

**X-Ray Examinations** (Mayday Hospital X-Ray Department).

366 cases were referred from Mayday Hospital, St. Mary's Maternity Hospital, and Ante-Natal Clinics. Reasons for reference were :—

|                                  |     |     |     |     |     |     |
|----------------------------------|-----|-----|-----|-----|-----|-----|
| Breech for Attitude, etc.        | ... | ... | ... | ... | ... | 68  |
| For Presentation, Attitude, etc. | ... | ... | ... | ... | ... | 105 |
| Twins                            | ... | ... | ... | ... | ... | 89  |
| Foetal Death                     | ... | ... | ... | ... | ... | 2   |
| Foetal Parts                     | ... | ... | ... | ... | ... | ... |
| Disproportion                    | ... | ... | ... | ... | ... | 66  |
| Foetal Abnormalities             | ... | ... | ... | ... | ... | 15  |
| Pelvic Abnormality               | ... | ... | ... | ... | ... | 13  |
| Various                          | ... | ... | ... | ... | ... | 3   |

**IN-PATIENT TREATMENT.****A.—Patients "Booked" in the Ante-Natal Department :—**

|  | Mayday<br>Hospital. | St. Mary's<br>Maternity<br>Hospital. | Total. |
|--|---------------------|--------------------------------------|--------|
| (1) Delivered in hospital after 28th week ...  | 997                 | 609                                  | 1,606  |
| (2) Delivered in hospital before 28th week...  | 79                  | —                                    | 79     |
| (3) Admitted after delivery ...  | 34                  | —                                    | 34     |
| (4) Discharged undelivered after ante-natal<br>treatment and not subsequently<br>delivered in hospital ... | —                   | —                                    | —      |
| (5) Died undelivered ...   | —                   | —                                    | —      |
| (6) Ectopic Pregnancy ...  | —                   | —                                    | —      |
|  | 1,110               | 609                                  | 1,719  |

**B.—“ Emergency ” patients sent into Hospital with some complications by outside doctors or midwives. No “Emergency” cases were admitted into St. Mary's Maternity Hospital :—**

|  | Mayday<br>Hospital. |
|--|---------------------|
| (1) Before Labour :                            |                     |
| (a) Discharged undelivered ...                 | 24                  |
| (b) Delivered in hospital after 28th week ...  | 64                  |
| (c) Delivered in hospital before 28th week ... | 176                 |
| (d) Died undelivered ...                       | —                   |
| (2) After Delivery ...                         | 14                  |
| (3) Ectopic Pregnancy ...                      | 8                   |
|  | 286                 |



A Numerical Summary of cases admitted for treatment, delivered in Hospital, or admitted after delivery.

Some cases appear in more than one category in the summary.

|  | Mayday<br>Hospital<br>Booked. | Mayday<br>Hospital<br>Emergency | St. Mary's<br>Maternity<br>Hospital<br>Booked. | Total. |
|--|-------------------------------|---------------------------------|--|--------|
| <b>1. Conditions chiefly Ante Natal.</b>   |                               |                                 |  |        |
| Albuminuria ... ..   | 147                           | 15                              | 26   | 188    |
| Eclampsia ... ..   | 3                             | 2                               | 1  | 6      |
| Persistent vomiting of pregnancy ...   | 4                             | 2                               | —  | 6      |
| Chronic cervitis ... ..  | —                             | —                               | —  | —      |
| Acute pyelitis ... ..  | 16                            | 4                               | 1  | 21     |
| Malnutrition, debility, simple anaemia, etc.   | 32                            | —                               | 9  | 41     |
| Retroverted gravid uterus ... ..   | 7                             | —                               | —  | 7      |
| <b>2. Intercurrent Diseases.</b>   |                               |                                 |  |        |
| Chronic nephritis ... ..   | —                             | —                               | —  | —      |
| Pulmonary Tuberculosis ... ..  | 19                            | —                               | —  | 19     |
| Venereal disease ... ..  | 17                            | —                               | —  | 17     |
| Cardiac disease ... ..   | 18                            | —                               | 3  | 21     |
| <b>3. Conditions chiefly Natal.</b>  |                               |                                 |  |        |
| Presentations at Delivery :—   |                               |                                 |  |        |
| Anterior positions of the vertex ...   | 788                           | 54                              | 494  | 1336   |
| Posterior positions of the vertex ...  | 123                           | 10                              | 78   | 211    |
| Breech ... ..  | 60                            | 8                               | 27   | 95     |
| Shoulder ... ..  | 1                             | —                               | —  | 1      |
| Face and brow ... ..   | 2                             | 3                               | —  | 5      |
| Complex ... ..   | —                             | —                               | 1  | 1      |
| Caesarean section ... ..   | 39                            | 3                               | —  | 42     |
| Twins and Triplets ... ..  | 24                            | 3                               | 11   | 38     |
| Accidental haemorrhage ... ..  | 7                             | 2                               | 2  | 11     |
| Placenta praevia ... ..  | 9                             | 6                               | 1  | 16     |
| Hydramnios ... ..  | 10                            | 2                               | 6  | 18     |
| Prolapse of cord ... ..  | 3                             | 2                               | 1  | 6      |
| Retained placenta ... ..   | 14                            | 6                               | 5  | 25     |
| Post-Partum haemorrhage ... ..   | 22                            | 6                               | 12   | 40     |
| B.B.A. ... ..  | 34                            | 14                              | —  | 48     |
| Lacerated perineum ... ..  | 333                           | 25                              | 186  | 544    |
| Obstructed labour ... ..   | —                             | —                               | —  | —      |
| Premature labour ... ..  | 72                            | 19                              | 34   | 125    |
| Abortion ... ..  | 121                           | 194                             | —  | 315    |
| Ectopic pregnancy ... ..   | —                             | 8                               | —  | 8      |
| Abdominal Hysterotomy ... ..   | —                             | 3                               | —  | 3      |
| Forceps delivery ... ..  | 66                            | 9                               | 33   | 108    |
| <b>4. Conditions chiefly Post Natal, excluding re-admissions from Post Natal Clinic.</b> |                               |                                 |  |        |
| Breast abscess ... ..  | 7                             | —                               | —  | 7      |
| Notified pyrexia or fever ... ..   | 24                            | 4                               | 7  | 35     |

In addition 8 cases of Puerperal Pyrexia *per se* were admitted to the Puerperal Infection Unit of the Borough Hospital.

### Blood Transfusion (71 Obstetrical and 78 Gynæcological cases).

For every case, stored blood from the Blood Transfusion Depot, Sutton, was used.

There were 3 deaths.

### Infants.

|  | Mayday<br>Hospital<br>Booked. | Mayday<br>Hospital<br>Emergency | St. Mary's<br>Maternity<br>Hospital<br>Booked. | Total | Per<br>Cent. |
|--|-------------------------------|---------------------------------|--|-------|--------------|
| No. of infants in Hospital on 1st Jan., 1945 ...                                     | 35                            | —                               | 16   | 51    | —            |
| Total No. of live births, still births and infants admitted with Mother (B.B.A.) ... | 1056                          | 81                              | 620  | 1757  | —            |
| No. of infants in Hospital on 31st Dec., 1945 ...                                    | 32                            | 1                               | 23   | 56    | —            |
| Alive on discharge from Hospital   | 985                           | 59                              | 598  | 1642  | 93.4         |
| Stillborn ...  | 40                            | 14                              | 11   | 65    | 3.1          |
| Died (born alive, but died in Hospital) ...  | 31                            | 8                               | 11   | 50    | 2.9          |

### Infant Feeding and Weight on Discharge from Hospital.

In both hospitals normal infants were breast-fed every four hours omitting the early morning feed.

Of 1,044 infants discharged from Mayday Hospital, 529 were up to or over birth weight (51 per cent.).

Of 598 infants discharged from St. Marys' Maternity Hospital, 322 were up to or over birth weight (55 per cent.).

### Twins and Triplets.

There were 37 cases of Twins and 1 of Triplets. There was no maternal death.

|   | Mayday<br>Hospital.<br>Booked. | Mayday<br>Hospital.<br>Emergency. | St. Mary's<br>Maternity<br>Hospital.<br>Booked. | Total. |
|---|--------------------------------|-----------------------------------|---|--------|
| No. of cases ...                          | 24                             | 3                                 | 11  | 38     |
| No. of infants discharged alive ...       | 34                             | 4                                 | 18  | 56     |
| No. of still-births and infant deaths ... | 15                             | 2                                 | 4   | 21     |
| Foetal and Infant Mortality ...           | 30.6%                          | 33.3%                             | 18.1%   | 27.2%  |



### POST NATAL AND GYNAECOLOGICAL CLINIC.

|                                       |       |
|---------------------------------------|-------|
| Number of Sessions held ... ..        | 94    |
| „ „ Individuals presented ... ..      | 1,618 |
| „ „ Subsequent attendances ... ..     | 1,253 |
| Total attendances ... ..              | 2,871 |
| Average attendance per session ... .. | 30    |
| Number of Post-Natal cases ... ..     | 1,269 |
| Number of Gynaecological cases ... .. | 1,602 |

### END RESULTS.

1,025 cases were treated to their termination (other than death) during the year, and the results were classed as follows:—

|                                  | Mayday | St. Mary's | Total. | %    |
|----------------------------------|--------|------------|--------|------|
| Health unimpaired ... ..         | 554    | 459        | 1,013  | 98.8 |
| Health slightly impaired ... ..  | 6      | 2          | 8      | 0.8  |
| Health seriously impaired ... .. | 3      | 1          | 4      | 0.4  |
| Totals, treated to conclusion..  | 563    | 462        | 1,025  |      |

### Maternal Mortality (Obstetric Service).

Seven deaths occurred of mothers dealt with by the Service, one in a "Booked" case and 6 emergencies.\*

The maternal mortality of "Booked" cases, *i.e.*, cases under the continued supervision of the Service, is 0.62 per 1,000 hospital deliveries, and 0.38 per 1,000 total deliveries, including the Municipal Midwives "Booked" cases.

### Puerperal Infection.

Thirty-six cases were treated in isolation for puerperal infection, 9 of them in the Borough Hospital and 35 in St. Mary's and Mayday Hospitals. There was no death.

### Sources of the Cases.

|  | Cases. | Deaths. |
|--|--------|---------|
| From Mayday Hospital:—                                   |        |         |
| "Booked" Cases ... ..                                    | 24     | —       |
| "Emergency" Cases ... ..                                 | 4      | —       |
| From St. Mary's Maternity Hospital ... ..                | 7      | —       |
| From other Hospitals ... ..                              | —      | —       |
| From private doctors, deliveries in Nursing Homes ... .. | 1      | —       |
| From private doctors, deliveries at home ... ..          | 7      | —       |

\* Including 2 criminal abortions.

The Assistant Medical Officer of Health for Obstetrics was called in by medical practitioners to see 78 obstetrical and 207 gynæcological patients who could not afford to pay a private consultant.

In addition, he was asked by the Medical Superintendent of Mayday Hospital to give an opinion on the obsetric and gynæcological aspects of 54 cases in the medical and surgical wards of the Hospital.

### MENTAL DEFICIENCY.

Number of known Mentally Defective Patients in the Borough :—

#### 1.—Statutory Cases.

|                 |     |     |     |     |     |
|-----------------|-----|-----|-----|-----|-----|
| Aged 0—5 years  | ... | ... | ... | ... | 30  |
| Aged 5—16 years | ... | ... | ... | ... | 160 |
| Over 16 years   | ... | ... | ... | ... | 548 |
| Total           |     |     |     |     | 738 |

#### 2.—Education Cases.

|                 |     |     |     |     |     |
|-----------------|-----|-----|-----|-----|-----|
| Aged 7—16 years | ... | ... | ... | ... | 114 |
| Combined Total  |     |     |     |     | 852 |

Compared with 1944, the Statutory cases show an increase of 138 and the Educational cases a decrease of 14.

Two of the cases under Statutory supervision have died—one in hospital and one at home. Three institution patients have died in hospital.

The Statutory cases are distributed as follows :—

|                                     |     |     |     |       |
|-------------------------------------|-----|-----|-----|-------|
| In Certified Institutions           | ... | ... | ... | 260   |
| In Approved Homes                   | ... | ... | ... | 3     |
| On leave from Institutions          | ... | ... | ... | 17    |
| Under Statutory supervision at home | ... | ... | ... | 355   |
| Under Guardianship                  | ... | ... | ... | 65    |
| In Mental Hospitals                 | ... | ... | ... | 8     |
| Observation cases                   | ... | ... | ... | 30    |
|                                     |     |     |     | <hr/> |
|                                     |     |     |     | 738   |



The Education cases were distributed as follows:—

|   |                 |
|---|-----------------|
| In Certified Residential Schools...       | 1               |
| In Certified Day Schools ...              | 101             |
| In Private Schools ...                    | —               |
| Awaiting vacancies at St. Christopher's.. | 10              |
|   | <hr/> 112 <hr/> |

During the year the Certifying Medical Officers made examinations and paid visits to the number of 124 to Statutory cases. The Mental Deficiency Visitors paid 1,060 visits to Statutory cases and 1,554 to Education cases, 2,614 visits in all, an increase of 548 on 1944 figures.

During 1945 twenty-five Statutory cases were dealt with as follows:—

|                                     |    |
|-------------------------------------|----|
| Sent to Certified Institutions ...  | 10 |
| Placed under Guardianship ...       | 8  |
| Sent to Croydon Mental Hospital ... | 1  |
| Varying Orders:                     |    |

|                                       |   |
|---------------------------------------|---|
| (a) Change of Guardian ...            | 4 |
| (b) From one Institution to another.. | 2 |
| (c) From Guardianship to Institution  | — |
| (d) Orders closed ...                 | — |

Thirty-seven Orders were renewed during the year, 15 of which were Guardianship.

#### Guardianship Cases.

There were 65 cases under Statutory Guardianships, 41 of these under the care of relatives, and 24 with Guardians who are not relatives. 10 males and 3 females are at work.

420 visits have been paid to Guardianship cases during the year.

There are 11 cases on leave from Institutions (7 boys and 4 girls).

### Clinic for Mentally Defective, Backward and Abnormal Children.

87 children were examined during 1945. The classifications arrived at, together with recommendations made, are summarised under :—

#### (1) Certified as Mentally Defective :

##### Recommendations :

|   |    |
|---|----|
| (a) Recommended for Special Day School ...  | 43 |
| (b) Recommended for Residential School ...  | 4  |
| (c) Recommended for Occupational Centre ... | 5  |

#### (2) Found to be dull and backward :

|   |    |
|---|----|
| (a) Referred to a special class ... ..                    | 12 |
| (b) Further trial in ordinary class ... ..                | 4  |
| (c) Re-test in one year ... ..                            | 6  |
| (d) To attend St. Giles because of physical defect ... .. | 1  |
| (e) To attend St. Luke's ... ..                           | 1  |
| (f) Referred for Medical Treatment ... ..                 | 2  |

#### (3) Referred to Child Guidance Clinic ... ..

4

82

—

Mental Tests at St. Christopher's ... .. 5

### ORTHOPAEDIC DEPARTMENT.

The arrangements are the same as in 1944.

#### *Summary of Cases Attending the Orthopaedic Clinic.*

| Jan. 1st, 1945. |        |         | New Cases, 1945. |        |         | Cases Discharged, 1945. |        |         | Cases on books, Dec. 31st, 1945. |        |         |
|-----------------|--------|---------|------------------|--------|---------|-------------------------|--------|---------|----------------------------------|--------|---------|
| M.C.W.          | S.M.S. | Tuberc. | M.C.W.           | S.M.S. | Tuberc. | M.C.W.                  | S.M.S. | Tuberc. | M.C.W.                           | S.M.S. | Tuberc. |
| 139             | 181    | 86      | 93               | 190    | 15      | 77                      | 189    | 14      | 155                              | 182    | 87      |
| 406             |        |         | 298              |        |         | 280                     |        |         | 424                              |        |         |



*Cases Seen by the Orthopædic Surgeon.*

| Defects.                                 | School. |                   | M.C.W. |                   | Tuberculosis.   |                   | Total. |                   |
|--|---------|-------------------|--------|-------------------|-----------------|-------------------|--------|-------------------|
|  | Cases.  | Attend-<br>ances. | Cases. | Attend-<br>ances. | Cases.          | Attend-<br>ances. | Cases. | Attend-<br>ances. |
| Infantile Paralysis ...                  | 17      | 39                | 3      | 7                 | —               | —                 | 20     | 46                |
| Curvature or Postural<br>Defects ...     | 33      | 52                | —      | —                 | —               | —                 | 33     | 52                |
| Pes Cavus ...                            | 10      | 17                | —      | —                 | —               | —                 | 10     | 17                |
| Pes Planus ...                           | 127     | 224               | 29     | 54                | —               | —                 | 156    | 278               |
| Genu Valgum ...                          | 38      | 60                | 64     | 121               | —               | —                 | 102    | 181               |
| Talipes ...                              | 9       | 19                | 12     | 26                | —               | —                 | 21     | 45                |
| Obstetrical Paralysis ...                | 3       | 4                 | 1      | 1                 | —               | —                 | 4      | 5                 |
| Joint Diseases... ..                     | 11      | 33                | 1      | 4                 | 40A<br>5s<br>1M | 91A<br>11s<br>9M  | 58     | 148               |
| Injuries ...                             | 4       | 9                 | 1      | 2                 | —               | —                 | 5      | 11                |
| Rickets ...                              | —       | —                 | 4      | 6                 | —               | —                 | 4      | 6                 |
| Wry Neck ...                             | 7       | 9                 | 3      | 8                 | —               | —                 | 10     | 17                |
| Spastic Paraplegia ...                   | 7       | 16                | 5      | 9                 | —               | —                 | 12     | 25                |
| Congenital dislocation of<br>the Hip ... | 9       | 27                | 1      | 1                 | —               | —                 | 10     | 28                |
| Other deformities ...                    | 63      | 90                | 42     | 66                | —               | —                 | 105    | 156               |
|  | 338     | 599               | 166    | 305               | 46              | 111               | 550    | 1015              |

A—Adults; s—School Child; M—Pre-School.

Summarised, the Table shows 338 school children attended and made 599 attendances. 166 babies made 305 attendances, and 46 Tuberculosis cases made 111 attendances; a total of 550 cases, making 1,015 attendances.

The following Table shows the number of cases referred direct from the Orthopaedic Clinic for Massage, Swedish Remedial and Electrical Treatment, and also X-Ray examinations at the Croydon General Hospital:—

| Defects.                           | School Cases. |                   |        | M.C.W. Cases. |                   |        | Tuberculosis Cases. |                   |        | Total. |                   |        |
|------------------------------------|---------------|-------------------|--------|---------------|-------------------|--------|---------------------|-------------------|--------|--------|-------------------|--------|
|                                    | Cases         | No. of Treatments | X-Rays | Cases         | No. of Treatments | X-Rays | Cases               | No. of Treatments | X-Rays | Cases  | No. of Treatments | X-Rays |
| Infantile Paralysis ...            | 1             | 2                 | —      | —             | —                 | —      | —                   | —                 | —      | 1      | 2                 | —      |
| Curvature or postural defect       | 9             | 46                | 6      | —             | —                 | —      | —                   | —                 | —      | 9      | 46                | 6      |
| Pes cavus ...                      | —             | —                 | —      | —             | —                 | —      | —                   | —                 | —      | —      | —                 | —      |
| Pes planus ...                     | 1             | 18                | —      | —             | —                 | —      | —                   | —                 | —      | 1      | 18                | —      |
| Genu Valgum ...                    | —             | —                 | —      | —             | —                 | —      | —                   | —                 | —      | —      | —                 | —      |
| Talipes ...                        | —             | —                 | —      | 3             | 50                | —      | —                   | —                 | —      | 3      | 50                | —      |
| Joint Disease ...                  | 8             | —                 | 13     | —             | —                 | —      | 23                  | —                 | 27     | 31     | —                 | 40     |
| Injuries ...                       | 3             | —                 | 3      | —             | —                 | —      | —                   | —                 | —      | 3      | —                 | 3      |
| Rickets ...                        | —             | —                 | —      | —             | —                 | —      | —                   | —                 | —      | —      | —                 | —      |
| Wry Neck ...                       | —             | —                 | —      | 1             | 8                 | —      | —                   | —                 | —      | 1      | 8                 | —      |
| Spastic Paraplegia ...             | —             | —                 | —      | 1             | —                 | 1      | —                   | —                 | —      | 1      | —                 | 1      |
| Congenital Dislocation of the Hip. | 5             | —                 | 5      | —             | —                 | —      | —                   | —                 | —      | 5      | —                 | 5      |
| Other Deformities ...              | 6             | —                 | 6      | 3             | —                 | 3      | —                   | —                 | —      | 9      | —                 | 9      |
|                                    | 33            | 66                | 33     | 8             | 58                | 4      | 23                  | —                 | 27     | 64     | 124               | 64     |



*Cases sent to Residential Institutions.*

| Name of Institution.   | School Cases.            |          |             | M. & C.W. Cases          |           |             | Tuberculosis Cases.      |           |             | Total.                   |           |             |                          |
|------------------------|--------------------------|----------|-------------|--------------------------|-----------|-------------|--------------------------|-----------|-------------|--------------------------|-----------|-------------|--------------------------|
|                        | No. in on 1st Jan., 1945 | Admitted | Discharged. | No. in on 1st Jan., 1945 | Admitted. | Discharged. | No. in on 1st Jan., 1945 | Admitted. | Discharged. | No. in on 1st Jan., 1945 | Admitted. | Discharged. | No. in on 1st Jan., 1946 |
| Victoria Home ...      | —                        | —        | —           | —                        | —         | —           | —                        | 1s        | —           | —                        | 1         | —           | 1                        |
| Pyrford ...            | 1                        | 1        | 1           | —                        | —         | —           | 3s                       | —         | 2s          | 4                        | 1         | 3           | 2                        |
| Croydon Gen. Hosp.     | —                        | 1        | 1           | —                        | —         | —           | —                        | —         | —           | —                        | 1         | 1           | —                        |
| Heritage Craft Schls.  | 1                        | —        | —           | —                        | —         | —           | ( 2s<br>1M               | 1s        | —<br>1M     | 4                        | 1         | 1           | 4                        |
| Pinner ...             | —                        | —        | —           | 1                        | —         | —           | —                        | —         | —           | 1                        | —         | —           | 1                        |
| Ld. Myr. Treloar Hosp. | —                        | —        | —           | —                        | —         | —           | —                        | 1s        | —           | —                        | 1         | —           | 1                        |
| E. M. S. Hosp. ...     | —                        | —        | —           | —                        | —         | —           | 1A                       | —         | 1A          | 1                        | —         | 1           | —                        |
| Shaftesbury Homes...   | 1                        | —        | —           | —                        | —         | —           | —                        | —         | —           | 1                        | —         | —           | 1                        |
| Queen Mary's Hosp.     | —                        | —        | —           | —                        | —         | —           | 1s                       | —         | —           | 1                        | —         | —           | 1                        |
| Royal Nat. Orth. Hosp  | —                        | —        | —           | —                        | —         | —           | —                        | 1A        | 1A          | —                        | 1         | 1           | —                        |
| Mayday Hosp. ...       | —                        | 12       | 10          | 2                        | 7         | 9           | ( 4A<br>—                | 3A<br>2s  | 2A<br>2s    | 6                        | 24        | 23          | 7                        |
| Redhill Hosp. ...      | —                        | —        | —           | —                        | —         | —           | 1A                       | —         | 1A          | 1                        | —         | 1           | —                        |
| Wingfield Morris Hos.  | —                        | 1        | 1           | —                        | —         | —           | —                        | —         | —           | —                        | 1         | 1           | —                        |
|                        | 3                        | 15       | 13          | 3                        | 7         | 9           | 13                       | 9         | 10          | 19                       | 31        | 32          | 18                       |

## BLIND PERSONS ACT, 1920.

Close co-operation has been maintained with the Croydon Voluntary Association for the Blind. The blind persons residing in Croydon are visited at regular intervals by the Health Visitors.

*Conditions for which Patients were admitted to Hospitals  
with the Results of Treatment.*

| Condition.               | In on<br>1st Jan.<br>1945 | Ad-<br>mitted<br>or<br>trans-<br>ferred. | Discharged.    |                 |                | I.S.Q. | Died. | In on<br>1st Jan.<br>1946 |
|--------------------------|---------------------------|--|----------------|-----------------|----------------|--------|-------|---------------------------|
|                          |                           |  | Ar-<br>rested. | Quies-<br>cent. | Im-<br>proved. |        |       |                           |
| Infantile Paralysis ...  | 1                         | 1  | —              | —               | 1              | —      | —     | 1                         |
| Tubercular Joint Disease | 13                        | 9  | 3              | 2               | 1              | 4      | —     | 12                        |
| Hip Disease ...          | 3                         | 3  | —              | —               | 1              | 1      | —     | 4                         |
| Hemiplegia ...           | —                         | —  | —              | —               | —              | —      | —     | —                         |
| Genu Valgum ...          | 2                         | 2  | —              | —               | 3              | 1      | —     | —                         |
| Pes Planus ...           | —                         | 6  | —              | —               | 6              | —      | —     | —                         |
| Talipes ...              | —                         | 2  | —              | —               | 1              | 1      | —     | —                         |
| Rickets ...              | —                         | 1  | —              | —               | 1              | —      | —     | —                         |
| Other Deformities ...    | —                         | 4  | —              | —               | 4              | —      | —     | —                         |
| Spastic Paraplegia ...   | —                         | 1  | —              | —               | 1              | —      | —     | —                         |
| Scoliosis ...            | —                         | 1  | —              | —               | —              | —      | —     | 1                         |
| Osteomyelitis ...        | —                         | 1  | —              | —               | 1              | —      | —     | —                         |
|                          | 19                        | 31                                       | 3              | 2               | 20             | 7      | —     | 18                        |

The percentage of arrested cases was 9.37 per cent.; quiescent cases 6.25 per cent.; and 62.5 per cent. were "improved."



## BLIND PERSONS ACT. 1920.

Close co-operation has been maintained with the Croydon Voluntary Association for the Blind. The blind persons residing in Croydon are visited at regular intervals by the Health Visitors.

I am indebted to the Secretary of the Voluntary Association for the figures below :—

|  |     |
|--|-----|
| Number of Blind on Register ... ..   | 462 |
| Number of Blind who benefit from instruction in Braille or Moon type (including those who already read) ... .. | 116 |
| Number of Blind who benefit from part-time instruction ... ..  | 51  |
| Number in remunerative handicrafts—  |     |
| (a) Home worker ... ..   | 35  |
| (b) In workshops ... ..  | 7   |
| (c) St. Dunstan's ... ..   | 11  |
| (d) Workers not included in scheme ... ..  | 29  |
| Home Teacher ... ..  | 1   |

The Health Visitors paid 282 visits to blind persons during the year.

The following Table shows :—

- (a) The number of blind persons registered.
- (b) The ages at which blindness occurred.
- (c) The method of training.
- (d) The occupations of employed blind persons.
- (e) The defective blind.
- (f) The unemployable blind persons in homes, mental hospitals or institutions.

|                                    |     |
|------------------------------------|-----|
| Number of Blind on Register ... .. | 462 |
|------------------------------------|-----|

## WELFARE OF THE BLIND—REGISTRATION. As at 31/3/46.

TABLE I.

M. = Males.  
F. = Females.  
T. = Total.

| Age period<br>0-1 |    |    | Age period<br>1-5 |    |    | Age period<br>5-16 |    |    | Age period<br>16-21 |    |    | Age period<br>21-40 |    |    | Age period<br>40-50 |    |    | Age period<br>50-65 |    |     | Age period<br>65-70 |    |    | Age period<br>70 and over |     |     | (i) Total of all age groups<br>(ii) Age unknown |                   |                   |
|-------------------|----|----|-------------------|----|----|--------------------|----|----|---------------------|----|----|---------------------|----|----|---------------------|----|----|---------------------|----|-----|---------------------|----|----|---------------------------|-----|-----|---|-------------------|-------------------|
| M.                | F. | T. | M.                | F. | T. | M.                 | F. | T. | M.                  | F. | T. | M.                  | F. | T. | M.                  | F. | T. | M.                  | F. | T.  | M.                  | F. | T. | M.                        | F.  | T.  | M.  | F.                | T.                |
| —                 | —  | —  | —                 | —  | —  | 8                  | 3  | 11 | 6                   | 3  | 9  | 23                  | 25 | 48 | 24                  | 19 | 43 | 52                  | 61 | 113 | 21                  | 24 | 45 | 64                        | 126 | 190 | (i) 198<br>(ii) —                               | (i) 261<br>(ii) 3 | (i) 459<br>(ii) 3 |

## AGES AT WHICH BLINDNESS OCCURRED.

| Age period<br>0-1 |    |    | Age period<br>1-5 |    |    | Age period<br>5-10 |    |    | Age period<br>10-20 |    |    | Age period<br>20-30 |    |    | Age period<br>30-40 |    |    | Age period<br>40-50 |    |    | Age period<br>50-60 |    |    | Age period<br>60-70 |    |    | Age period<br>70 and over |    |    | Age period<br>Unknown |    |    |
|-------------------|----|----|-------------------|----|----|--------------------|----|----|---------------------|----|----|---------------------|----|----|---------------------|----|----|---------------------|----|----|---------------------|----|----|---------------------|----|----|---------------------------|----|----|-----------------------|----|----|
| M.                | F. | T. | M.                | F. | T. | M.                 | F. | T. | M.                  | F. | T. | M.                  | F. | T. | M.                  | F. | T. | M.                  | F. | T. | M.                  | F. | T. | M.                  | F. | T. | M.                        | F. | T. | M.                    | F. | T. |
| 29                | 18 | 47 | 4                 | 6  | 10 | 9                  | 10 | 19 | 15                  | 9  | 24 | 16                  | 12 | 28 | 25                  | 22 | 47 | 24                  | 29 | 53 | 17                  | 42 | 59 | 21                  | 35 | 56 | 25                        | 62 | 87 | 13                    | 19 | 32 |

## Children of School Age.

## Training and Employment.

| Normal                         |    |    | Mentally Defective |    | Physically Defective |    | Employed               |    |    |              |     |     | Undergoing Training.                   |     |    |                |    |    | (h)        |    | (i) |           | (j) |    |                             | (k) |    |                        |    |    |                           |    |    |              |  |  |       |  |  |
|--------------------------------|----|----|--------------------|----|----------------------|----|------------------------|----|----|--------------|-----|-----|--|-----|----|----------------|----|----|------------|----|-----|-----------|-----|----|-----------------------------|-----|----|------------------------|----|----|---------------------------|----|----|--------------|--|--|-------|--|--|
|                                |    |    |                    |    |                      |    | By Blind Organisations |    |    | (c)          | (d) | (e) | (f)                                    | (g) |    |                |    |    |            |    |     |           |     |    |                             |     |    |                        |    |    |                           |    |    |              |  |  |       |  |  |
| M.                             | F. |    | M.                 | F. | M.                   | F. | (a)                    |    |    | (b)          |     |     | (c)                                    |     |    | (d)            |    |    | (e)        |    |     | (f)       |     |    | (g)                         |     |    |                        |    |    |                           |    |    |              |  |  |       |  |  |
| In Schools for the Blind ..... | 4  | —  | —                  | 1  | —                    | —  | Workshops              |    |    | Home workers |     |     | All others not included in (a) and (b) |     |    | Total Employed |    |    | Industrial |    |     | Secondary |     |    | Professional and University |     |    | Trained but unemployed |    |    | No training but trainable |    |    | Unemployable |  |  | Total |  |  |
|                                | M. | F. | T.                 | M. | F.                   | T. | M.                     | F. | T. | M.           | F.  | T.  | M.                                     | F.  | T. | M.             | F. | T. | M.         | F. | T.  | M.        | F.  | T. | M.                          | F.  | T. | M.                     | F. | T. | M.                        | F. | T. |              |  |  |       |  |  |
| Other Schools .....            | 3  | 1  | —                  | —  | —                    | —  | 5                      | 2  | 7  | 25           | 10  | 35  | 24                                     | 5   | 29 | 54             | 17 | 71 | 2          | 2  | 4   | —         | —   | —  | —                           | —   | —  | —                      | —  | —  | —                         | —  | —  | —            |  |  |       |  |  |
| Not at School .....            | 1  | —  | —                  | 1  | —                    | —  | 5                      | 2  | 7  | 25           | 10  | 35  | 24                                     | 5   | 29 | 54             | 17 | 71 | 2          | 2  | 4   | —         | —   | —  | —                           | —   | —  | —                      | —  | —  | —                         | —  | —  |              |  |  |       |  |  |

## OCCUPATIONS OF EMPLOYED BLIND PERSONS.

|  | Agents, Collectors, &c. | Basket Workers  |            |            | Bedding (including Divans & Ottomans) and Upholstering |         |   | Boot Repairers | Braille Copyists and Proof Readers | Brush Makers | Carpenters and Woodworkers | Chairseaters | Clerks and Typists | Coal Bag Makers | Dealers, Tea Agents, Newsagents, Shop-keepers | Firewood Workers | Gardeners | Hawkers, News-vendors, &c. | Home Teachers | Knitters |   |   | Labourers | Massage | Mat Makers | Ministers of Religion | Musicians and Music Teachers | Netting Makers | Porters, Packers, Cleaners | Poultry Farmers | School Teachers | Ship Fender (Fendoff) Makers | Telephone Operators | Tuners | Weavers | Miscellaneous | Total |
|--|-------------------------|-----------------|------------|------------|--|---------|---|----------------|------------------------------------|--------------|----------------------------|--------------|--------------------|-----------------|---|------------------|-----------|----------------------------|---------------|----------|---|---|-----------|---------|------------|-----------------------|------------------------------|----------------|----------------------------|-----------------|-----------------|------------------------------|---------------------|--------|---------|---------------|-------|
|  |                         | Mattress Makers | Machinists | Upholsters | Hand   | Machine |   |                |                                    |              |                            |              |                    |                 |   |                  |           |                            |               |          |   |   |           |         |            |                       |                              |                |                            |                 |                 |                              |                     |        |         |               |       |
| Within Institution for the Blind ..... | —                       | 1               | 1          | —          | 1  | —       | — | —              | —                                  | —            | —                          | —            | 1                  | —               | —   | —                | —         | —                          | 1             | —        | 1 | — | 1         | —       | —          | —                     | —                            | —              | —                          | —               | —               | —                            | —                   | —      | —       | 7             |       |
| In approved Home Workers Schemes ..... | —                       | 6               | —          | —          | —  | 2       | — | 1              | —                                  | 2            | —                          | —            | —                  | —               | 1   | —                | —         | 1                          | —             | 1        | 7 | — | —         | —       | 2          | —                     | 1                            | —              | —                          | —               | —               | —                            | —                   | 11     | —       | —             | 35    |
| Others not part-time workers) ...      | —                       | —               | —          | —          | —  | 1       | — | —              | —                                  | —            | —                          | —            | 3                  | —               | 2   | —                | —         | —                          | —             | —        | — | — | 2         | 1       | 2          | 1                     | —                            | —              | —                          | —               | —               | 5                            | —                   | —      | 12      | 29            |       |
| Total .....                            | —                       | 7               | 1          | —          | 1  | 3       | — | 1              | —                                  | 2            | 4                          | —            | 2                  | —               | 2   | 1                | —         | 1                          | 1             | 1        | 8 | — | 3         | 3       | 2          | 2                     | —                            | —              | —                          | —               | —               | 5                            | 11                  | —      | 12      | 71            |       |

## PHYSICALLY AND MENTALLY DEFECTIVE.

| (a) Mentally Defective. |    |    | (b) Physically Defective. |    |    | (c) (i) Deaf (ii) Deaf-mute |                 |      | Combinations of (a) and (b) |    |    | Combinations of (a) and (c) |    |    | Combinations of (b) and (c) |    |    | Combinations of (a), (b), (c) |    |    | Total |    |    | Homes for the Blind |    |    | Mental Hospitals |    |    | Poor Law Institutions |    |    |
|-------------------------|----|----|---------------------------|----|----|-----------------------------|-----------------|------|-----------------------------|----|----|-----------------------------|----|----|-----------------------------|----|----|-------------------------------|----|----|-------|----|----|---------------------|----|----|------------------|----|----|-----------------------|----|----|
| M.                      | F. | T. | M.                        | F. | T. | M.                          | F.              | T.   | M.                          | F. | T. | M.                          | F. | T. | M.                          | F. | T. | M.                            | F. | T. | M.    | F. | T. | M.                  | F. | T. | M.               | F. | T. | M.                    | F. | T. |
| 2                       | 5  | 7  | 5                         | 4  | 9  | (i) 6<br>(ii) 2             | (i) 5<br>(ii) 1 | 11 3 | 1                           | —  | 1  | —                           | 2  | 2  | —                           | —  | —  | —                             | —  | —  | 16    | 17 | 33 | —                   | 3  | 3  | —                | 1  | 1  | 8                     | 25 | 33 |





# SANITARY CIRCUMSTANCES.

*To the Medical Officer of Health.*

I beg to submit a report for the year ending the 31st December, 1945, of the work of the Sanitary Inspectors and other officers under my supervision.

GEO. GRIEVE,

*Chief Sanitary Inspector.*

## **Summary of Inspections made by the Sanitary Inspectors and other Departmental Work.**

|   |       |
|---|-------|
| Total number of houses inspected for housing defects (under Public Health or Housing Acts) ... .. | 8,566 |
| Number of houses inspected where zymotic diseases have occurred ..                                | 301   |
| Number of houses inspected under Landlord and Tenant (War Damage) Acts ... ..                     | 179   |
| House drains tested ... ..  | 1,530 |
| House drains tested on application ... ..   | 37    |
| Number of smoke tests during repair ... ..  | 109   |
| Inspections of drainage work during repair ... ..   | 3,371 |
| Number of water tests during repair ... ..  | 390   |
| Final tests of drains after repair ... ..   | 109   |
| Final tests of drains when completely relaid ... ..   | 75    |
| Length of new drains tested ... .. yards  | 3,071 |
| Inspection of yards, stables and manure pits ... ..   | 75    |
| "    passages ... ..  | 51    |
| "    public conveniences ... ..   | 30    |
| "    pigstyes ... ..  | 90    |
| "    tents, vans and similar structures ... ..  | 20    |
| "    theatres, cinemas, halls, etc. ... ..  | 97    |
| "    ponds and ditches and static water tanks ... ..  | 97    |
| "    schools and school sanitary conveniences ... ..  | 11    |
| "    common lodging-houses ... ..   | 12    |
| "    verminous premises ... ..  | 160   |
| "    premises where offensive trades are conducted ..   | 5     |
| "    gipsy encampments, camps, fairs, etc. ... ..   | 2     |
| "    cesspools ... ..   | 4     |
| "    gathering grounds of water supply ... ..   | 110   |
| Number of visits under Rats and Mice (Destruction) Act, 1919—                                     |       |
| Private Houses ... ..   | 2,326 |
| Shops ... ..  | 667   |
| A.R.P. Miscellaneous inspections and reinspections after air raids...                             | 339   |
| "    Inspections of posts and centres ... ..  | 93    |
| "    Inspections of war damaged houses ... ..   | 2,840 |
| "    Inspections of war damaged food shops ... ..   | 36    |
| Smoke observations ... ..   | 31    |
| Number of visits re Infectious Diseases ... ..  | 1,988 |
| Inspections of Shops (under Shops Acts) ... ..  | 125   |
| Special Evening Patrols (under Shop Hours Acts) ... ..  | 2     |



|  |        |
|--|--------|
| Overcrowding inspections   | 26     |
| Inspections under Fertilisers and Feeding Stuffs Act   | 3      |
| " under Pharmacy and Poisons Act   | 6      |
| " Dairies  | 33     |
| " Farms and cowsheds   | 50     |
| " Milkshops  | 5      |
| " Premises where food is prepared or sold  | 1,623  |
| " Bakehouses   | 14     |
| " Slaughterhouses  | 41     |
| " Factories without mechanical power   | 32     |
| " Factories with mechanical power  | 77     |
| " Workplaces, Public Health Act  | 22     |
| " Outworkers' premises   | 57     |
| Visits to Employers of Outworkers  | 3      |
| Visits re Young Persons Employment Act   | 3      |
| Water samples taken  | 104    |
| Food and Drugs Acts: milk samples taken  | 343    |
| Food and Drugs Acts: other foods and drugs samples taken                                     | 314    |
| Milk Special Designations Orders: samples taken  | 302    |
| Non-designated Milk: samples taken   | 79     |
| Reinspections of work on outstanding notices   | 11,026 |
| Sundry inspections and visits  | 972    |
| Appointments kept with owners, builders, etc.  | 4,190  |
| Complaints from public investigated (for purposes other than inspection for housing defects) | 1,879  |
| Informal notices outstanding 31-12-44  | 729    |
| Informal notices served  | 5,030  |
| Informal notices complied  | 3,919  |
| Number of Informal Notices referred for Statutory Orders                                     | 779    |
| Informal notices outstanding   | 1,061  |
| Statutory notices outstanding 31-12-44   | 97     |
| Statutory notices served   | 3,455  |
| Statutory notices complied   | 1,950  |
| Statutory notices outstanding 31-12-45   | 1,602  |
| Total number of complaints received at the office  | 9,164  |

**Nuisances, Infringements of Acts, Byelaws, Regulations or Orders, ascertained by the Sanitary Inspectors during the year 1945 and for which action was taken to enforce compliance:—**

(Not including defects found as a result of Air Raid Damage).

**(1) NUISANCES AND HOUSING DEFECTS AT HOUSES, etc.**

|   |     |
|---|-----|
| Insufficient means of ventilation:                  |     |
| Defective windows and sashcords                     | 169 |
| Want of windows or ventilators                      | 87  |
| Conditions causing dampness:                        |     |
| Defective roofs                                     | 515 |
| Defective window frames                             | 111 |
| Defective walls, etc.                               | 345 |
| Want of efficient damp-proof course                 | 85  |
| Defective gutters and downspouts                    | 491 |
| Other structural defects:                           |     |
| Defective plaster                                   | 293 |
| Cleansing and limewashing required                  | 80  |
| Defective floors and stairs                         | 685 |
| Insufficient ventilation under floor                | 187 |
| Defective brickwork, cills, lintels, chimneys, etc. | 195 |
| Defective stoves and fireplaces and flues           | 461 |



|   |     |
|---|-----|
| Defective drains, sanitary fittings, etc.:          |     |
| Defective sinks and waste pipes                     | 440 |
| Defective w.c.'s                                    | 312 |
| Defective drainage                                  | 310 |
| Stoppages in drains                                 | 526 |
| Defective water services and tanks                  | 161 |
| Domestic nuisances:                                 |     |
| Want of cleanliness                                 | 15  |
| Dirty w.c. pans                                     | 20  |
| Verminous conditions                                | 117 |
| Other nuisances and infringements:                  |     |
| Offensive accumulations                             | 65  |
| Insufficient accommodation for sub-tenants          | 17  |
| Defective manure receptacles                        | 1   |
| Dirty or defective sanitary conveniences            | 7   |
| Overcrowding  | 17  |
| Smoke nuisances                                     | 11  |
| Sundry nuisances or defects                         | 26  |
| Particulars not inserted in Rent Book (Housing Act) | 4   |
| "    "    "    (Rent Restriction Act)               | 2   |

## (2) FACTORIES AND WORKPLACES.

|                                 |    |
|---------------------------------|----|
| Want of cleanliness             | 6  |
| Inadequate ventilation          | 7  |
| Insufficient drainage of floors | 6  |
| Abstract not exhibited          | 1  |
| Sundry nuisances or defects     | 10 |
| W.C.'s—Insufficient             | 3  |
| "    Unsuitable or defective    | 2  |
| "    Not separate for sexes     | 5  |
| "    Not lighted                | 2  |

## (3) INFRINGEMENTS OF CROYDON CORPORATION ACT, 1924.

|                                      |    |
|--------------------------------------|----|
| Food cupboards defective or required | 10 |
|--------------------------------------|----|

## (4) INFRINGEMENTS OF FOOD AND DRUGS ACT, 1938, AND FOOD BYELAWS.

|   |    |
|---|----|
| Cleansing or repair of walls and ceilings                     | 84 |
| Cleansing or repair of floors, utensils, fixtures, etc.       | 24 |
| Dirty or defective w.c. accommodation                         | 12 |
| Food storage accommodation required                           | 32 |
| Refuse bins uncovered   | 3  |
| Accumulation in food store and yards adjacent                 | 6  |
| Food in uncovered vehicles or baskets                         | 1  |
| Premises not suitable for storage or manufacture of food      | 2  |
| Want of provision of towels                                   | 2  |
| Provision of cloakroom accommodation                          | 2  |
| Want of intervening ventilated space to w.c.                  | 8  |
| Insufficient or defective sink accommodation and water supply | 65 |
| Ventilation required in food store                            | 40 |
| Household washing in food store                               | 4  |
| Swill bins defective  | 36 |
| Impervious floors required to kitchens, etc.                  | 28 |
| Defective floors and pavings                                  | 17 |

## (5) INFRINGEMENTS OF PUBLIC HEALTH ACT, PAVING, Etc.

|                            |       |
|----------------------------|-------|
| Defective Yard Paving      | 8     |
| Want of a sanitary dustbin | 1,427 |



|  |    |
|--|----|
| (6) INFRINGEMENTS OF SHOPS ACT.                      |    |
| Provision of means of heating ... ..                 | 3  |
| Infringement in hours of employment ... ..           | 2  |
| (7) INSPECTION OF AMUSEMENT HOUSES.                  |    |
| Defective sanitary fittings ... ..                   | 15 |
| W.C. defective and dirty ... ..                      | 7  |
| (8) KEEPING OF ANIMALS.                              |    |
| Nuisances arising from the keeping of animals ... .. | 7  |
| (9) INSPECTION OF WATERCOURSES, etc.                 |    |
| Cleansing of watercourses and ponds ... ..           | 2  |
| (10) INFRINGEMENTS OF OTHER BYELAWS.                 |    |
| Noisy animals ... ..                                 | 3  |
| Noisy radio ... ..                                   | 1  |

## HOUSING.

### Individual Unfit Houses.

During the year action under the Housing Acts was confined to the repair of houses. The accepted standard of repair was lower than that of pre-war years owing to shortage of labour and materials. In spite of the concentration of labour on war damage repair, it was possible to have some made available to comply with our restricted requirements and the result, on the whole, has been satisfactory, as the under-mentioned tables will show.

#### I.—Inspection of dwelling houses during the year :—

|   |       |
|---|-------|
| (1) (a) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts) ...  | 8,500 |
| (b) Number of inspections made for the purpose ... ..   | 8,500 |
| (2) (a) Number of dwelling houses included under the sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 ... .. | —     |
| (b) Number of inspections made for the purpose ... ..   | —     |
| (3) Number of houses found to be in a state so dangerous and injurious to health as to be unfit for human habitation ... ..   | —     |
| (4) Number of dwelling houses (exclusive of those referred to under the previous sub-head) found not to be in all respects reasonably fit for human habitation ...          | 8,141 |

#### II.—Remedy of defects throughout 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 ... .. | 3,904 |
|--|-------|



### III.—Action under Statutory Powers during the year :—

|  |       |
|--|-------|
| A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—   |       |
| (1) Number of dwelling houses in respect of which notices were served requiring repairs ... ..   | 798   |
| (2) Number of dwelling houses which were rendered fit after service of formal notices—   |       |
| (a) By owners ... ..   | 270   |
| (b) By local authority in default of owners ...  | 12    |
| B.—Proceedings under Public Health Acts :—   |       |
| (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... ..  | 2,657 |
| (2) Number of dwelling houses in which defects were remedied after service of formal notices :—  |       |
| (a) By owners ... ..   | 533   |
| (b) By local authority in default of owners ...  | 1,060 |
| C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—  |       |
| (1) Number of dwelling houses in respect of which Demolition Orders were made ... ..   | —     |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ..  | 2     |
| D.—Proceedings under Section 12 of the Housing Act, 1936 :—  |       |
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...   | —     |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... .. | —     |

### Landlord and Tenant (War Damage) Amendment Act, 1941.

This Act gives the owner or occupier of a house which has received damage from enemy action, the right to apply to the local authority for a certificate of fitness following repair. The standard of repair necessary to merit a certificate is to be such as will render the house reasonably suitable for housing purposes. I am the officer appointed to issue such certificates and during the year 179 applications were made and 156 certificates were granted.

### HOUSES LET IN LODGINGS.

There are 12 houses registered and they all suffered seriously from damage by enemy action. Repairs were completed during the year.



### Municipal Lodging House.

This is situated at Pitlake and is available for use by "nightly lodgers." It has 104 cubicle beds, three of which are reserved for staff. The charge is 1s. per night or 6s. per week. Cooking facilities are provided. Hot baths may be taken any time after 9 a.m. Clothes may be washed and dried in the wash-house provided. The average number of nightly lettings during the year was 86 and the number accommodated during the year 31,594. The receipts and expenditure for the past 5 years has been as follows:—

|      |       | Receipts. |    |    |       | Expenditure. |    |    |
|------|-------|-----------|----|----|-------|--------------|----|----|
|      |       | £         | s. | d. |       | £            | s. | d. |
| 1941 | ..... | 1,048     | 0  | 0  | ..... | 1,271        | 0  | 0  |
| 1942 | ..... | 1,033     | 0  | 0  | ..... | 1,321        | 0  | 0  |
| 1943 | ..... | 1,039     | 0  | 0  | ..... | 1,480        | 0  | 0  |
| 1944 | ..... | 1,119     | 0  | 0  | ..... | 1,785        | 0  | 0  |
| 1945 | ..... | 1,285     | 0  | 0  | ..... | 1,965        | 0  | 0  |

### War Damaged Houses.

The Sanitary Inspectors visited these to ascertain the damage to sanitary arrangements and water supply. Some 2,900 such visits were made and the defects found received attention by the War Damage Repairs Department.

### Houses—Sanitary Certificates.

House drains and sanitary fittings are tested and examined on request, at a fee. During the year 14 such requests were made.

### FACTORIES ACT, 1937.

During the year the under-mentioned inspections have been made and defects were found as set out:—

### FACTORIES.

#### Inspection.

| Premises.                                     | Number of    |                  |               |
|---|--------------|------------------|---------------|
|   | Inspections. | Written Notices. | Prosecutions. |
| <b>Factories :—</b>                           |              |                  |               |
| With Mechanical Power ... ..                  | 77           | 22               | —             |
| Without Mechanical Power ... ..               | 32           | 20               | —             |
| Outworkers and Employers of outworkers ... .. | 60           | —                | —             |
| <b>Total</b> ... ..                           | <b>169</b>   | <b>42</b>        | <b>—</b>      |

**Defects Found.**

| Particulars.                       | Number of Defects. |           | Referred to H.M. Inspector. | Prosecutions. |
|------------------------------------|--------------------|-----------|-----------------------------|---------------|
|                                    | Found.             | Remedied. |                             |               |
| Want of Cleanliness ... ..         | 6                  | 6         | —                           | —             |
| Inadequate Ventilation ... ..      | 7                  | 7         | —                           | —             |
| Ineffective Drainage of Floors ... | 6                  | 6         | —                           | —             |
| <b>Sanitary Conveniences.</b>      |                    |           |                             |               |
| Insufficient ... ..                | 3                  | 3         | —                           | —             |
| Unsuitable or Defective ... ..     | 2                  | 2         | —                           | —             |
| Not Separate for Sexes ... ..      | 5                  | 5         | —                           | —             |
| No Lighting ... ..                 | 2                  | 2         | —                           | —             |
| Sundry Nuisances or Defects ...    | 10                 | 10        | —                           | —             |
| Total ... ..                       | 41                 | 41        | —                           | —             |

**Home Work.**

Lists of home workers or outworkers as they are termed are sent in twice yearly, and this year contained the names of 165 workers residing in the Borough. 57 visits were paid to outworkers and 3 visits were paid to premises of employers of outworkers to examine lists.

**Nature of Employment of Outworkers on the Register, 31st December, 1945.**

| Nature of Work.   | Number Employed. | Outwork in Infected Premises. | Outwork in Unsatisfactory Premises. | Remarks. |
|---|------------------|-------------------------------|-------------------------------------|----------|
| Making, Cleaning, Altering and Repairing, Wearing Apparel | 470              | —                             | —                                   | —        |
| Upholstery Work ... ..                                    | 12               | —                             | —                                   | —        |
| Lace Goods ... ..   | 1                | —                             | —                                   | —        |
| Other Classes of Work ... ..                              | 70               | —                             | —                                   | —        |
| Total ... ..  | 553              | —                             | —                                   | —        |

**Inspection of Schools.**

These are inspected with particular reference to sanitary accommodation including washing facilities. During the year 11 inspections were made and defects found were referred to the Education Officer.



**SHOPS, Etc., ACTS.**

The Shops Acts, 1912-1936, contain provisions for dealing with closing hours, the hours of work, and health and comfort of those employed. Hours of work and closing hours have during the War years given little cause for complaint. The health and comfort of those employed is safeguarded in the matter of shop ventilation, warming, washing facilities, facilities for taking meals and suitable and sufficient sanitary accommodation, and action has been taken in the cases where these fell short of requirements. The Young Persons Employment Act, 1938, regulates the hours of employment of persons under the age of 18 years, not controlled by the Shops Acts. 128 inspections were made and a number of infringements were found as set out.

**PUBLIC HEALTH ACTS.****Drainage Work.**

During the year there was no lessening of work in this branch of the department's duties. Some 3,371 visits of inspection were made to underground drains in course of repair. With the stringent licensing of building works and the labour difficulties it became essential to serve Statutory Orders in all cases of drainage defects. Of these Orders a large proportion had to be done in default of the owners. This has been possible by employing specialist labour set aside for this purpose. 1,230 Statutory Orders have been served to comply with drainage defects during the year.

**KEEPING OF ANIMALS.**

There has been during the war a large increase in the number of pig and poultry keepers. Byelaws were relaxed by Government Order, but this did not relieve the keepers of providing against nuisance. Little complaint of nuisance has arisen but there has been an increase in rat infestations.

**OFFENSIVE TRADES.**

There are but few registered and during the year there has been no cause for complaint.

**WATERCOURSES, PONDS AND DITCHES, Etc.**

97 inspections were made and pollutions were found in 2 cases. Observation is also kept on static water tanks for evidence of nuisance or mosquito breeding.



### SMOKE OBSERVATIONS.

During the year 31 observations were made of factory chimneys for the purpose of detecting offences. In those cases where nuisance occurred appropriate action was taken to remedy the condition. To-day there is little choice left to the factory owner regarding the fuel he uses and this creates a difficult problem in smoke abatement.

### AMUSEMENT HOUSES.

97 inspections were made of Theatres, Music Halls, Cinemas, Dance Halls, and premises where stage plays are given. A report is submitted annually to the Licensing Authorities on the sanitary condition of these premises. Notices are issued to remedy any unsatisfactory conditions.

### DISINFECTION.

The Borough Disinfecting Station is situated at Factory Lane. Two steam disinfectors are in use and are supplied with steam from the Electricity Works.

The following articles were disinfected at the Disinfecting Station during the year :—

|                |     |     |        |          |
|----------------|-----|-----|--------|----------|
| By steam       | ... | ... | 57,819 | articles |
| „ Formalin Gas | ... | ... | 2,228  | „        |
| „ „ Spray      | ... | ... | 5,294  | „        |
| Total          |     |     | 65,341 | „        |

In addition 465 articles were destroyed on request.

Disinfection of bedding and upholstered articles is carried out for traders, who deliver them to and collect them from the Station. For this service a charge is made. During 1945, 2,969 articles were disinfected, the receipts amounting to £55 7s. 6d.

Disinfection of the under-mentioned articles from such premises as A.R.P. report centres; casualty services; engineers' services; fire service, etc., have been carried out :—

|            |     |       |                |     |     |
|------------|-----|-------|----------------|-----|-----|
| Mattresses | ... | 169   | Trousers       | ... | 626 |
| Blankets   | ... | 4,741 | Coats          | ... | 63  |
| Sheets     | ... | 2     | Caps           | ... | 157 |
| Pillows    | ... | 92    | Overalls       | ... | 299 |
| Blouses    | ... | 481   | Other articles | ... | 46  |



Disinfection was carried out after infectious or contagious disease at the following premises : —

878 rooms at 777 houses, hospital wards, clinics, and creches.

2 A.R.P. Shelters.

2,199 Library and other books were disinfected.

#### **CLEANSING OF VERMINOUS, Etc., PERSONS.**

A Cleansing Station consisting of a reception room, four bath rooms and a discharge room, is attached to the Disinfecting Station, and is used for dealing with verminous, etc., conditions in adults and children. A woman attendant deals with school children and women. During the year 12 adults and 93 children were cleansed of verminous conditions and 373 adults and 606 children were treated for Scabies.

#### **DISINFESTATION OF PREMISES.**

The Department does little in the way of treatment of premises infested with vermin, the practice being to make owners or occupiers responsible for disinfestation. Advice is given on methods to be employed and at times Hydrogen Cyanide is applied by specialist firms to infested premises. The use of this gas is controlled by stringent regulations and the compliance with these regulations is observed by a Sanitary Inspector. The number of premises disinfested by owners or occupiers during the year was 111.

#### **RAG FLOCK ACTS, 1911 and 1928.**

3 samples were taken during the year from bedding manufacturers in the Borough. These samples were submitted for analysis and the results were as follows :—

|                    |     |     |                  |                     |
|--------------------|-----|-----|------------------|---------------------|
| No. 1 Red Jute     | ... | ... | Soluble Chlorine | 7 parts per 100,000 |
| No. 2 Black Linsey | ... | ..  | ..               | 3 .. .. 100,000     |
| No. 3 Linsey       | ... | ..  | ..               | 9 .. .. 100,000     |

The 3 samples conformed to the standard of cleanliness prescribed under the Rag Flock Regulations, 1912. The legal maximum of chlorine allowed is 30 parts per 100,000.

#### **PHARMACY AND POISONS ACT, 1933.**

The Act consolidates the Poisons and Pharmacy Acts since 1852. The object is to regulate the sale of certain poisonous substances and the Act contains important provisions.

During the year the number of applications granted for entry of names on the list of persons entitled to sell poisons under Part 11 of the Act was 8. In addition, 205 applications were made for



the retention of names on the list for a further period of twelve months. No infringements of the Act were found.

#### FERTILISERS AND FEEDING STUFFS ACT, 1926.

Inspections of premises where fertilisers and feeding stuffs were sold were carried out during the year. 4 samples of feeding stuffs were taken during the year, 2 were reported as genuine, and 2 contained an ingredient deleterious to poultry.

#### RATS AND MICE DESTRUCTION ACT, 1919. INFESTATION ORDER, 1943.

During the year 855 complaints were received of rat or mice infestation. Of these 855 complaints the presence of rodents was confirmed in 687 cases and action was taken as under :—

341 dealt with by Sanitary Inspectors and Ratcatcher advising occupiers.

346 dealt with by the Ratcatcher by trapping and poisoning.

The above action resulted in the estimated destruction of 2,124 rats and mice.

The number of visits made by the Sanitary Inspectors and Ratcatchers to investigate complaints, advise and follow up was 2,326 to private houses and 667 to shops.

Sewers in the town were baited with good results, the total number of rats destroyed therein being 709.

#### FOOD SUPPLY.

The supervision and inspection of the food supplies is carried out by the Sanitary Inspectors who are all qualified in food inspection.

The following table shows the premises in the Borough at which food is known to be sold, manufactured or stored :—

|  |     |     |     |     |     |                   |
|--|-----|-----|-----|-----|-----|-------------------|
| Bakers   | ... | ... | ... | ... | ... | 101               |
| Butchers   | ... | ... | ... | ... | ... | 166               |
| Confectioners  | ... | ... | ... | ... | ... | 329               |
| Fishmongers (including Fish Friers)  | ... | ... | ... | ... | ... | 50                |
| Fish Friers only   | ... | ... | ... | ... | ... | 18                |
| Greengrocers   | ... | ... | ... | ... | ... | 209               |
| Grocers  | ... | ... | ... | ... | ... | 614               |
| Stalls and Rounds  | ... | ... | ... | ... | ... | 141               |
| Catering Establishments (including Hotels,<br>Restaurants, Clubs, Snack Bars, etc) | ... | ... | ... | ... | ... | 726               |
| Miscellaneous (including Chemists, etc.)   | ... | ... | ... | ... | ... | 137               |
|  |     |     |     |     |     | <hr/> 2,491 <hr/> |



In addition to the above there are the following premises at which food is prepared for sale:—

Slaughterhouses, Dairies (including Farms) and Milkshops.

The following table gives a summary of the inspections made during the year, not including visits made to slaughterhouses, dairies or milkshops, nor does it include those foodshops visited following damage by enemy action:—

|                         |     |                          |       |
|-------------------------|-----|--------------------------|-------|
| Butchers ... ..         | 250 | Greengrocers ... ..      | 84    |
| Bakers ... ..           | 43  | Grocers ... ..           | 553   |
| Confectioners ... ..    | 31  | Stalls and Rounds ... .. | 109   |
| Fishmongers ... ..      | 99  | Catering Establishments  | 339   |
| Fried Fish Shops ... .. | 31  | Miscellaneous ... ..     | 84    |
| <hr/>                   |     |                          |       |
| Total ...               |     |                          | 1,623 |

General Summary of Meat and other Articles of food found to be unfit and condemned by the Inspectors during 1945—excluding that damaged by enemy action:—

| Articles.                                 | Weight in lbs. |          |        |
|---|----------------|----------|--------|
|   | Diseased.      | Unsound. | Total. |
| Beef ... ..                               | 66             | 2213     | 2279   |
| Veal ... ..                               | —              | —        | —      |
| Mutton ... ..                             | 66             | 414      | 480    |
| Pork ... ..                               | 200            | 471      | 671    |
| Offal ... ..                              | 223            | 768      | 991    |
| Fish ... ..                               | —              | 7151     | 7151   |
| Fruit and Vegetables                      | —              | 7013     | 7013   |
| Canned, bottled and<br>packeted goods ... | —              | 28826    | 28826  |
| Other goods ... ..                        | —              | 5618     | 5618   |
| <hr/>                                     |                |          |        |
|   | 555            | 52474    | 53029  |

The above, apart from the Meat, include:—

Fish: Mackerel, Cod, Pilchards, etc.

Fruit and Vegetables: Potatoes, Dates, Prunes, Oranges, etc.

Canned, bottled and packeted goods: 21,997 cans, 2,369 bottles, packets, etc.

Other goods: Rabbits, Flour, Cereals, Sugar, etc.

### Disposal of Condemned Foodstuffs.

The Meat was condemned at the Ministry of Food Depot or at shops supplied therefrom and was disposed of by the Ministry.

A fair proportion of the other foods condemned was dealt with by firms who specialise in converting such into manures, animal feeding stuffs, oils, etc.

### MEAT INSPECTION.

This is carried out at the Government Meat Depot from which all meat supplied to Croydon is distributed. One Inspector spends the major portion of his time here. Butcher's shops are visited by the Sanitary Inspectors to observe the condition of meat at time of sale.

The Public Abattoir has been made available for the slaughter of casualties and those animals licensed by the Ministry of Food to be slaughtered locally. During 1945 the following animals have been slaughtered at the Abattoir and inspected there:—

| Goats. | Pigs. | Total. |
|--------|-------|--------|
| 15     | 153   | 168    |

The result of these inspections was as follows:—

### Carcases Inspected and Condemned.

|  | Sheep. | Goats. | Pigs. |
|--|--------|--------|-------|
| Number killed ... ..   | —      | 15     | 153   |
| Number inspected ... ..  | —      | 15     | 153   |
| <b>All Diseases Except Tuberculosis.</b>   |        |        |       |
| Whole Carcases Condemned ...   | —      | —      | —     |
| Carcases of which some part or organ was condemned ...                               | —      | —      | 1     |
| Percentage of the number inspected affected with disease other than Tuberculosis ... | —      | —      | .65   |
| <b>Tuberculosis Only.</b>  |        |        |       |
| Whole Carcases Condemned ...   | —      | —      | —     |
| Carcases of which some part or organ was condemned ...                               | —      | —      | —     |
| Percentage of the number inspected affected with Tuberculosis ... ..                 | —      | —      | —     |



**MILK AND DAIRIES (CONSOLIDATION) ACT, 1915. THE MILK AND DAIRIES AMENDMENT ACT, 1922, THE MILK AND DAIRIES ORDERS, 1926, AND THE FOOD AND DRUGS ACT, 1938.**

**Cowkeepers, Dairymen and Purveyors of Milk.**

The following statement shows the number of Cowkeepers, Cowsheds, Dairies and Purveyors of Milk on the register :—

|  |     |
|--|-----|
| Cowkeepers on register (end of 1945) ... ..                                  | 5   |
| Cowsheds on register (end of 1945) ... ..                                    | 5   |
| Average number of cows in sheds (1945) ... ..                                | 77  |
| Number of dairies and purveyors of milk on the register (end of 1945) ... .. | 136 |

During the year 88 inspections were made of dairies, cowsheds and milkshops.

**Milk (Special Designations) Order, 1936.**

The following licences were granted during the year under this Order :—

|   |    |
|---|----|
| (1) Producers' Licences to use the designation "Tuberculin Tested" ... .. | 1  |
| (2) Producers' Licences to use the designation "Accredited" ... ..        | 2  |
| (3) Dealers' Licences to use the designation "Tuberculin Tested"—         |    |
| (a) Bottling establishments ... ..  | —  |
| (b) Shops ... ..  | 12 |
| (4) Dealers' Licences to use the designation "Accredited"—                |    |
| (a) Bottling establishments ... ..  | —  |
| (b) Shops ... ..  | —  |
| (5) Dealers' Licences to use the designation "Pasteurised"—               |    |
| (a) Pasteurising establishments ... ..                                    | 1  |
| (b) Shops ... ..  | 39 |

(6) Dealers' Supplementary Licences to use the designation—

|                       |     |     |   |
|-----------------------|-----|-----|---|
| (a) Tuberculin Tested | ... | ... | 6 |
| (b) Accredited        | ... | ... | — |
| (c) Pasteurised       | ... | ... | 6 |

Inspection of these licenced premises has been carried out during the year to see that the conditions of the licences were observed.

During the year the following samples were examined under the Milk (Special Designations) Order, 1936 :—

Tuberculin-Tested Milk—

|  |     |     |     |     |    |
|--|-----|-----|-----|-----|----|
| Licenced producers supplying milk to licenced local dairymen | ... | ... | ... | ... | 31 |
|--|-----|-----|-----|-----|----|

Accredited Milk—

|   |     |     |     |     |    |
|---|-----|-----|-----|-----|----|
| Licenced producer supplying milk to a licenced dairymen | ... | ... | ... | ... | 53 |
|---|-----|-----|-----|-----|----|

Pasteurised Milk—

|                               |     |     |     |     |
|-------------------------------|-----|-----|-----|-----|
| Samples from licenced dealers | ... | ... | ... | 155 |
|-------------------------------|-----|-----|-----|-----|

The following tables summarise the result of the bacteriological examinations of Tuberculin Tested, Accredited, and Pasteurised and Heat Treated samples during the year :—

**Tuberculin Tested Milk.**

| Licences granted under the Milk (Special Designations) Order, 1936. |          |         |                     |         |          |         |          |         |                    |                        |            |                |
|---|----------|---------|---------------------|---------|----------|---------|----------|---------|--------------------|------------------------|------------|----------------|
|   | Present. | Absent. | Present in 1/100 M1 | Absent. | Present. | Absent. | Present. | Absent. | Exceeding a trace. | Not exceeding a trace. | Satisfied. | Not satisfied. |
| Tubercle bacillus ...   | —        | 31      | —                   | —       | —        | —       | —        | —       | —                  | —                      | —          | —              |
| Bacillus Coli ...   | —        | —       | 8                   | 23      | —        | —       | —        | —       | —                  | —                      | —          | —              |
| Blood ...   | —        | —       | —                   | —       | —        | 31      | —        | —       | —                  | —                      | —          | —              |
| Pus ...   | —        | —       | —                   | —       | —        | —       | 31       | —       | —                  | —                      | —          | —              |
| Detritus ...  | —        | —       | —                   | —       | —        | —       | —        | —       | —                  | 31                     | —          | —              |
| Methylene Blue Test ...   | —        | —       | —                   | —       | —        | —       | —        | —       | —                  | —                      | 25         | 6              |
| Totals ...  | —        | 31      | 8                   | 23      | —        | 31      | —        | 31      | —                  | 31                     | 25         | 6              |



**Accredited Milk.**

| Licences granted under the Milk (special Designations) Order 1936. | Present. | Absent. | Present in 1/100 M.l. | Absent. | Present. | Absent. | Present. | Absent. | Exceeding a trace. | Not exceeding a trace. | Satisfied. | Not satisfied. |
|--|----------|---------|-----------------------|---------|----------|---------|----------|---------|--------------------|------------------------|------------|----------------|
| Tubercle bacillus ...  | —        | 53      | —                     | —       | —        | —       | —        | —       | —                  | —                      | —          | —              |
| Bacillus Coli ...  | —        | —       | 10                    | 43      | —        | —       | —        | —       | —                  | —                      | —          | —              |
| Blood ...  | —        | —       | —                     | —       | —        | 53      | —        | —       | —                  | —                      | —          | —              |
| Pus ...  | —        | —       | —                     | —       | —        | —       | —        | 53      | —                  | —                      | —          | —              |
| Detritus ...   | —        | —       | —                     | —       | —        | —       | —        | —       | —                  | 53                     | —          | —              |
| Methylene Blue Test ...  | —        | —       | —                     | —       | —        | —       | —        | —       | —                  | —                      | 47         | 6              |
| Totals ...   | —        | 53      | 10                    | 43      | —        | 53      | —        | 53      | —                  | 53                     | 47         | 6              |

**Pasteurised Milk.**

| Licences granted under the milk (Special Designations) Order, 1936. | Present. | Absent. | Over 100,000 per M.l. | Under 100,000 per M.l. | Present. | Absent. | Present. | Absent. | Present. | Absent. |
|---|----------|---------|-----------------------|------------------------|----------|---------|----------|---------|----------|---------|
| Tubercle bacillus ...   | —        | 155     | —                     | —                      | —        | —       | —        | —       | —        | —       |
| Total number of bacteria...   | —        | —       | 19                    | 136                    | —        | —       | —        | —       | —        | —       |
| Blood ...   | —        | —       | —                     | —                      | —        | 155     | —        | —       | —        | —       |
| Pus ...   | —        | —       | —                     | —                      | —        | —       | —        | 155     | —        | —       |
| Detritus ...  | —        | —       | —                     | —                      | —        | —       | —        | —       | —        | 155     |
| Totals ...  | —        | 155     | 19                    | 136                    | —        | 155     | —        | 155     | —        | 155     |

These 155 Pasteurised Milk samples contained bacteria per millilitre as follows :—

|                |     |    |
|----------------|-----|----|
| Under 1,000    | ... | 1  |
| 1,000—5,000    | ... | 33 |
| 5,000—10,000   | ... | 31 |
| 10,000—20,000  | ... | 26 |
| 20,000—30,000  | ... | 11 |
| 30,000—50,000  | ... | 13 |
| 50,000—100,000 | ... | 21 |
| Over 100,000   | ... | 19 |

Under the Regulations, Pasteurised Milk must not contain more than 100,000 bacteria per millilitre.

#### Heat Treated Milk.

|                         | Present. | Absent. | Present. | Absent. | Present. | Absent. | Exceeding<br>a trace. | Not exceeding<br>a trace. | Not satisfied. | Satisfied. | Not satisfied. | Satisfied. |
|-------------------------|----------|---------|----------|---------|----------|---------|-----------------------|---------------------------|----------------|------------|----------------|------------|
| Tubercle bacillus ...   | —        | 61      | —        | —       | —        | —       | —                     | —                         | —              | —          | —              | —          |
| Blood ...               | —        | —       | —        | 61      | —        | —       | —                     | —                         | —              | —          | —              | —          |
| Pus ...                 | —        | —       | —        | —       | —        | 61      | —                     | —                         | —              | —          | —              | —          |
| Detritus ...            | —        | —       | —        | —       | —        | —       | —                     | 61                        | —              | —          | —              | —          |
| Methylene Blue Test ... | —        | —       | —        | —       | —        | —       | —                     | —                         | 6              | 55         | —              | —          |
| Phosphatase Test ...    | —        | —       | —        | —       | —        | —       | —                     | —                         | —              | —          | 2              | 59         |
| Totals ...              | —        | 61      | —        | 61      | —        | 61      | —                     | 61                        | 6              | 55         | 2              | 59         |

#### ORDINARY MILK.

During the year 70 samples of ordinary milk were procured and submitted to examination for tuberculosis and bacterial content. These samples were taken as follows:—

Samples taken at dairymen's premises in the Borough 41

Samples taken from local dairymen or milk sellers on their rounds in different parts of the Borough ... 25

Samples taken in course of delivery to local Institutions 4

70

The following table summarises the results of the bacteriological examination of Ordinary Milk samples, taken from 1st January—31st December, 1945:—



## Ordinary Milk.

|                             | Present. | Absent. | Over 100,000<br>per M.L. | Under 100,000<br>per M.L. | Present. | Absent. | Present. | Absent. | Exceeding<br>a trace. | Not exceeding<br>a trace. | Satisfied. | Not satisfied |
|-----------------------------|----------|---------|--------------------------|---------------------------|----------|---------|----------|---------|-----------------------|---------------------------|------------|---------------|
| Tubercle bacillus ...       | —        | 70      | —                        | —                         | —        | —       | —        | —       | —                     | —                         | —          | —             |
| Total number of bacteria... | —        | —       | 15                       | 55                        | —        | —       | —        | —       | —                     | —                         | —          | —             |
| Blood ...                   | —        | —       | —                        | —                         | —        | 70      | —        | —       | —                     | —                         | —          | —             |
| Pus ...                     | —        | —       | —                        | —                         | —        | —       | —        | 70      | —                     | —                         | —          | —             |
| Detritus ...                | —        | —       | —                        | —                         | —        | —       | —        | —       | —                     | 70                        | —          | —             |
| Methylene Blue Test ...     | —        | —       | —                        | —                         | —        | —       | —        | —       | —                     | —                         | 52         | 18            |
| Totals ...                  | —        | 70      | 15                       | 55                        | —        | 70      | —        | 70      | —                     | 70                        | 52         | 18            |

## BACTERIOLOGICAL EXAMINATIONS OF ICE CREAM.

The manufacture of ice cream was recommenced during the year, and 24 samples were obtained for bacteriological examination, with results as follows :—

*Bacterial Count.*

| Organisms per ml.                    | No. of<br>Samples. |
|--------------------------------------|--------------------|
| Under 1,000 ...                      | 7                  |
| Over 1,000 and under 10,000 ...      | 6                  |
| Over 10,000 and under 50,000 ...     | 2                  |
| Over 50,000 and under 100,000 ...    | —                  |
| Over 100,000 and under 200,000 ...   | 3                  |
| Over 200,000 and under 500,000 ...   | —                  |
| Over 500,000 and under 1,000,000 ... | —                  |
| Over 1,000,000 ...                   | 6                  |
| Total ...                            | 24                 |

| <i>Bacillus Coli.</i>                            | No. of<br>Samples. |
|--|--------------------|
| Absent in 1/10th cc. ...                         | 16                 |
| Present in 1/10th but absent in 1/100th cc. ...  | 4                  |
| Present in 1/100th but absent in 1/1,000 cc. ... | 3                  |
| Present in 1/1,000 cc. ...                       | 1                  |
| Total ...  | 24                 |

There is no bacteriological standard for Ice Cream.

## FOOD AND DRUGS ACT, 1938.

During the year 250 samples of milk and 299 other samples were taken.

## Summary of Samples.

During 1945 samples were obtained and submitted to the Public Analyst as follows:—

| Samples of                              | Total<br>Samples | Genuine | Not<br>Genuine | Prosecu-<br>tions | Convic-<br>tions |
|---|------------------|---------|----------------|-------------------|------------------|
| Apple Juice ... ..                      | 1                | 1       | —              | —                 | —                |
| Arrowroot ... ..                        | 4                | 4       | —              | —                 | —                |
| Aspirin Tablets 5 gr. ... ..            | 2                | 2       | —              | —                 | —                |
| Bacon ... ..                            | 2                | 2       | —              | —                 | —                |
| Baking Powder ... ..                    | 5                | 5       | —              | —                 | —                |
| Batter Flour Mixture ... ..             | 1                | 1       | —              | —                 | —                |
| Beer, Bitter ... ..                     | 5                | 5       | —              | —                 | —                |
| „ Mild ... ..                           | 4                | 4       | —              | —                 | —                |
| Bicarbonate of Soda ... ..              | 4                | 4       | —              | —                 | —                |
| Black Pudding ... ..                    | 2                | 2       | —              | —                 | —                |
| Blancmange Powder ... ..                | 1                | 1       | —              | —                 | —                |
| Boiled Sweets ... ..                    | 1                | 1       | —              | —                 | —                |
| Brawn ... ..                            | 1                | 1       | —              | —                 | —                |
| Bread ... ..                            | 3                | 3       | —              | —                 | —                |
| Broth ... ..                            | 1                | 1       | —              | —                 | —                |
| Burton ... ..                           | 1                | 1       | —              | —                 | —                |
| Butter ... ..                           | 2                | 2       | —              | —                 | —                |
| Cake Mixture ... ..                     | 2                | 2       | —              | —                 | —                |
| Cake Flour ... ..                       | 1                | 1       | —              | —                 | —                |
| Cake Sponge and Steamed Pudding Mixture | 1                | 1       | —              | —                 | —                |
| Castor Oil ... ..                       | 2                | 2       | —              | —                 | —                |
| Cheese ... ..                           | 5                | 5       | —              | —                 | —                |
| Chocolate Creams ... ..                 | 1                | 1       | —              | —                 | —                |
| Chocolate Cup ... ..                    | 1                | 1       | —              | —                 | —                |
| Chocolate Powder, Sweetened ... ..      | 1                | 1       | —              | —                 | —                |
| Cinnamon, Ground ... ..                 | 2                | 2       | —              | —                 | —                |
| Cocoa ... ..                            | 6                | 6       | —              | —                 | —                |
| „ Compound ... ..                       | 1                | 1       | —              | —                 | —                |
| Cod Liver Oil ... ..                    | 1                | 1       | —              | —                 | —                |
| Coffee ... ..                           | 4                | 4       | —              | —                 | —                |
| Coffee and Chicory Essence... ..        | 1                | 1       | —              | —                 | —                |
| Coffee and Chicory ... ..               | 2                | 2       | —              | —                 | —                |
| Coffee and Chicory Mixture ... ..       | 2                | 2       | —              | —                 | —                |
| Coffee Extract with Preservative ... .. | 1                | 1       | —              | —                 | —                |
| Colour Mauve, Synthetic ... ..          | 1                | 1       | —              | —                 | —                |
| Compound Bismuth Lozenges ... ..        | 1                | 1       | —              | —                 | —                |
| Confectionery... ..                     | 2                | 2       | —              | —                 | —                |
| Cordial, Ginger ... ..                  | 4                | 4       | —              | —                 | —                |
| „ Lime Flavour ... ..                   | 1                | 1       | —              | —                 | —                |
| „ Peppermint ... ..                     | 1                | 1       | —              | —                 | —                |
| Corned Beef ... ..                      | 2                | 2       | —              | —                 | —                |
| „ Mutton ... ..                         | 2                | 2       | —              | —                 | —                |
| Cornflour ... ..                        | 1                | 1       | —              | —                 | —                |
| Cream of Tartar ... ..                  | 1                | 1       | —              | —                 | —                |
| Currants ... ..                         | 1                | 1       | —              | —                 | —                |
| Curry Powder ... ..                     | 5                | 5       | —              | —                 | —                |
| Custard Powder ... ..                   | 2                | 2       | —              | —                 | —                |
| Custard Powder Substitute ... ..        | 1                | 1       | —              | —                 | —                |
| Dates ... ..                            | 1                | 1       | —              | —                 | —                |
| Dessert Mould ... ..                    | 1                | 1       | —              | —                 | —                |
| Dried Eggs ... ..                       | 2                | 2       | —              | —                 | —                |
| Drinking Chocolate ... ..               | 1                | 1       | —              | —                 | —                |
| Carried Forward ... ..                  | 104              | 104     | —              | —                 | —                |



| Samples of                           |  |  |  |  | Total<br>Samples | Genuine | Not<br>Genuine | Prosecu-<br>tions | Convic-<br>tions |
|--------------------------------------|--|--|--|--|------------------|---------|----------------|-------------------|------------------|
| Brought Forward ... ..               |  |  |  |  | 104              | 104     | —              | —                 | —                |
| Fish Cakes ... ..                    |  |  |  |  | 4                | 4       | —              | —                 | —                |
| Fish Paste ... ..                    |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Flavouring Essence, Pineapple ... .. |  |  |  |  | 1                | 1       | —              | —                 | —                |
| „ Vanilla ... ..                     |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Flavour, Orange, Emulsified ... ..   |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Flavouring, Raspberry ... ..         |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Flour Batter ... ..                  |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Flour, Bun ... ..                    |  |  |  |  | 2                | 2       | —              | —                 | —                |
| „ Plain ... ..                       |  |  |  |  | 1                | 1       | —              | —                 | —                |
| „ Self-raising ... ..                |  |  |  |  | 2                | 2       | —              | —                 | —                |
| „ Soya ... ..                        |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Gelatine ... ..                      |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Gelatine, Powdered ... ..            |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Gin ... ..                           |  |  |  |  | 4                | 3       | 1              | 1                 | —                |
| Ginger Ale ... ..                    |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Ginger Beer ... ..                   |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Ginger, Ground ... ..                |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Glycerin ... ..                      |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Glycerin, Pure redistilled ... ..    |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Golden Raising Powder ... ..         |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Golden Syrup... ..                   |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Grapefruit Squash ... ..             |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Gravy Powder ... ..                  |  |  |  |  | 3                | 3       | —              | —                 | —                |
| Gravy Thick ... ..                   |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Ground Ginger ... ..                 |  |  |  |  | 3                | 3       | —              | —                 | —                |
| Ground Mixed Spice ... ..            |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Jam ... ..                           |  |  |  |  | 5                | 5       | —              | —                 | —                |
| Junket Powder ... ..                 |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Kaolin ... ..                        |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Lard ... ..                          |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Lemonade ... ..                      |  |  |  |  | 3                | 3       | —              | —                 | —                |
| Lemonade Powder ... ..               |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Lemon Flavouring ... ..              |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Lemon Squash ... ..                  |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Liver Sausage ... ..                 |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Live Yeast Tablet 5 gr. ... ..       |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Luncheon Meat ... ..                 |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Macaroni ... ..                      |  |  |  |  | 4                | 4       | —              | —                 | —                |
| Margarine ... ..                     |  |  |  |  | 3                | 3       | —              | —                 | —                |
| Marmalade ... ..                     |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Meat Mixed ... ..                    |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Meat Paste ... ..                    |  |  |  |  | 3                | 3       | —              | —                 | —                |
| Meat Pies ... ..                     |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Meat and Vegetable Ration ... ..     |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Medicinal Paraffin ... ..            |  |  |  |  | 2                | 1       | 1              | 1                 | 1                |
| Milk ... ..                          |  |  |  |  | 250 *            | 245     | 5              | —                 | —                |
| Minced Beef ... ..                   |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Mixture, Barley Pudding ... ..       |  |  |  |  | 1                | 1       | —              | —                 | —                |
| „ Cake and Pudding ... ..            |  |  |  |  | 1                | —       | 1              | —                 | —                |
| Mustard Mixture ... ..               |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Mustard Sauce ... ..                 |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Oatmeal ... ..                       |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Paste, Fish ... ..                   |  |  |  |  | 1                | 1       | —              | —                 | —                |
| „ Meat ... ..                        |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Pearl Barley ... ..                  |  |  |  |  | 4                | 4       | —              | —                 | —                |
| Peas ... ..                          |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Pepper ... ..                        |  |  |  |  | 4                | 4       | —              | —                 | —                |
| Piccallilli ... ..                   |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Pickles ... ..                       |  |  |  |  | 2                | 2       | —              | —                 | —                |
| Pineapple Conserve ... ..            |  |  |  |  | 1                | 1       | —              | —                 | —                |
| Carried Forward ... ..               |  |  |  |  | 457              | 449     | 8              | 2                 | 1                |

| Samples of                                  | Total<br>Samples | Genuine | Not<br>Genuine | Prosecu-<br>tions | Convic-<br>tions |
|---|------------------|---------|----------------|-------------------|------------------|
| Brought Forward ... ..                      | 457              | 449     | 8              | 2                 | 1                |
| Prepared Meal ... ..                        | 1                | 1       | —              | —                 | —                |
| Pudding Powder ... ..                       | 1                | 1       | —              | —                 | —                |
| Rice ... ..                                 | 1                | 1       | —              | —                 | —                |
| Rolled Oats ... ..                          | 1                | 1       | —              | —                 | —                |
| Rum ... ..                                  | 5                | 5       | —              | —                 | —                |
| Saccharine Tablets 0.2 gr. ... ..           | 1                | 1       | —              | —                 | —                |
| Sandwich Spread ... ..                      | 1                | 1       | —              | —                 | —                |
| Salad Cream ... ..                          | 1                | 1       | —              | —                 | —                |
| Sauce ... ..                                | 1                | 1       | —              | —                 | —                |
| Sauce, Worcester ... ..                     | 1                | 1       | —              | —                 | —                |
| Sausage, Breakfast ... ..                   | 1                | 1       | —              | —                 | —                |
| „ Meat ... ..                               | 2                | 2       | —              | —                 | —                |
| „ Vegetable ... ..                          | 1                | 1       | —              | —                 | —                |
| „ Luncheon ... ..                           | 3                | 3       | —              | —                 | —                |
| Sausages ... ..                             | 8                | 7       | 1              | 1                 | 1                |
| „ Beef ... ..                               | 2                | 2       | —              | —                 | —                |
| Semolina ... ..                             | 5                | 5       | —              | —                 | —                |
| Semolina Pudding, Chocolate Flavour ... ..  | 1                | 1       | —              | —                 | —                |
| Soup ... ..                                 | 1                | 1       | —              | —                 | —                |
| „ Mock Turtle ... ..                        | 3                | —       | 3              | —                 | —                |
| „ Desiccated ... ..                         | 1                | 1       | —              | —                 | —                |
| „ Mixed Vegetable ... ..                    | 1                | 1       | —              | —                 | —                |
| „ Tomato ... ..                             | 1                | 1       | —              | —                 | —                |
| „ Meat ... ..                               | 1                | —       | 1              | —                 | —                |
| „ Vegetable ... ..                          | 1                | 1       | —              | —                 | —                |
| „ Powder ... ..                             | 2                | 2       | —              | —                 | —                |
| Spice, Mixed ... ..                         | 5                | 5       | —              | —                 | —                |
| Sponge Mixture ... ..                       | 1                | 1       | —              | —                 | —                |
| „ „ Ginger ... ..                           | 1                | 1       | —              | —                 | —                |
| Squash, Grapefruit ... ..                   | 1                | 1       | —              | —                 | —                |
| „ Lemon ... ..                              | 1                | 1       | —              | —                 | —                |
| „ Orange ... ..                             | 1                | 1       | —              | —                 | —                |
| Stewed Steak ... ..                         | 1                | 1       | —              | —                 | —                |
| „ „ Canned ... ..                           | 1                | 1       | —              | —                 | —                |
| Stuffing ... ..                             | 2                | 2       | —              | —                 | —                |
| Suet, Beef Shredded ... ..                  | 1                | 1       | —              | —                 | —                |
| Sugar ... ..                                | 5                | 5       | —              | —                 | —                |
| „ Demerara ... ..                           | 1                | 1       | —              | —                 | —                |
| „ Icing ... ..                              | 1                | 1       | —              | —                 | —                |
| Sulphur, Milk of ... ..                     | 1                | 1       | —              | —                 | —                |
| Sultanas ... ..                             | 2                | 2       | —              | —                 | —                |
| Syrup of Figs, Compound ... ..              | 1                | 1       | —              | —                 | —                |
| Tea ... ..                                  | 4                | 4       | —              | —                 | —                |
| Vegetables in Gravy ... ..                  | 1                | 1       | —              | —                 | —                |
| „ Mixed ... ..                              | 1                | 1       | —              | —                 | —                |
| Vinegar, Distilled Malt ... ..              | 1                | 1       | —              | —                 | —                |
| „ Malt ... ..                               | 3                | 1       | 2              | —                 | —                |
| Yeast and Beef Extract ... ..               | 1                | 1       | —              | —                 | —                |
| Whisky ... ..                               | 4                | 4       | —              | —                 | —                |
| Yorkshire Pudding Mixture ... ..            | 1                | 1       | —              | —                 | —                |
| Yorkshire Pudding and Batter Mixture ... .. | 1                | 1       | —              | —                 | —                |
| Yorkshire Relish ... ..                     | 1                | 1       | —              | —                 | —                |
| TOTALS ... ..                               | 549              | 534     | 15             | 3                 | 2                |



**Result of Analysis of New Milk Samples.****SOLIDS NOT FAT (Legal standard is 8.5%)\***

| 8.1 | 8.2 | 8.3 | 8.4 | 8.5* | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.4 |
|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | 1   | —   | 3   | 13   | 26  | 74  | 64  | 45  | 18  | 4   | —   | 1   |

**MILK FAT (Legal standard is 3%)**

| 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2   | —   | 18  | 19  | 37  | 49  | 42  | 40  | 23  | 10  | 4   | 4   | —   |
|     |     |     |     | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 |     |     |     |     |
|     |     |     |     | —   | 1   | 1   | —   | —   |     |     |     |     |

Total samples of New Milk : 250.

The samples of Milk for analysis were obtained as follows :—

|  |     |       |
|--|-----|-------|
| Country milk in course of delivery ... | ... | 4     |
| On milk rounds ...                     | ... | 90    |
| “Appeal to cow” samples ...            | ... | 2     |
| At Dairies ...                         | ... | 128   |
| Taken at Institutions ...              | ... | 23    |
| Taken at Schools ...                   | ... | 3     |
|  |     | <hr/> |
|  |     | 250   |

**AVERAGE COMPOSITION OF NEW MILK SAMPLES.**

|                    |       |
|--------------------|-------|
| Solids not fat ... | 8.72% |
| Milk fat ...       | 3.49% |

Percentage of New Milk samples below legal standard : 2%

### Adulterated Samples.

The following is a detailed statement of the adulterated samples and the action taken :—

| No.   | Sample.                        | Adulteration or Deficiency.  | Remarks.  |
|-------|--------------------------------|--|---|
| 1002. | Milk ...                       | 15 per cent. deficient in milk fat.  | Sampling Officer who took "Appeal to Cow" samples following these unsatisfactory results, was of the opinion that the fat deficiency was due to lack of efficient mixing prior to decanting. Producer warned. |
| 1016. | Milk ...                       | 4 per cent. deficient in milk solids other than milk fat.  |   |
| 1010. | Milk ...                       | 1 per cent. added water.   | Vendor communicated with and unable to account for result. Repeat sample satisfactory.  |
| 1725. | Milk ...                       | 2 per cent. added water.   | Vendor communicated with and repeat sample was satisfactory.  |
| 2136. | Sausages ...                   | Deficient in meat content.   | Prosecution — Firm fined 20s. and £3 3s. costs.   |
| 1739. | Meat Soup ...                  | Deficient in meat content and protein.   | Stock appeared to have been manufactured before the Meat Products (Canned Soup and Canned Meat) — Control and Maximum Prices — Order, 1944, came into force.  |
| 1741. | Vinegar, malt ..               | Contained added salt.  | Apparently, the Ministry of Food acquiesce in the addition of this salt.  |
| 806.  | do. ...                        | do. ...  | do.   |
| 515.  | Milk ...                       | 1 per cent. deficient in milk solids other than milk fat—<br>Hortvet test consistent with but does not necessarily indicate a small percentage of added water. | Vendors lommunicated with and further samples taken, which proved satisfactory.   |
| 1800. | Mixture, Cake... and Pudding . | Partly decomposed, .. contained large numbers of dead flour mites.   | Informal sample taken at request of vendor — balance of stock at once withdrawn from sale.  |



| No.        | Sample.                      | Adulteration or<br>Deficiency.   | Remarks.   |
|------------|------------------------------|--|--|
| 1664.      | Mock turtle<br>Soup (tinned) | Deficient in Meat ...<br>Solids according to<br>the standard defined<br>by the Meat Pro-<br>ducts, Canned Soup<br>and Meat (Control<br>and Maximum<br>Prices) Order, 1944. | This article is, in the<br>opinion of the Analyst, a<br>meat soup. This matter<br>was reported to the<br>Ministry of Food Divi-<br>sional Office, and, after<br>investigation, they de-<br>cided to treat this as an<br>isolated case, and no fur-<br>ther action was taken. |
| 1669.      | do.                          |  |  |
| (Informal) |                              |  |  |
| 1263.      | do.                          |  |  |
| 36.        | Gin                          | Contained 4.8 per<br>cent. excess water.   | Prosecution — Case dis-<br>missed on a point of law.   |
| 15         | Medicinal<br>Liquid Paraffin | Conformed to the ...<br>tests for light<br>Liquid Paraffin,<br>but not the liquid<br>paraffin of the<br>British Pharma-<br>copoeia.  | Prosecution — Firm fined<br>£10 and costs.   |

## County Borough of Croydon

# ANNUAL REPORT

OF THE

## SCHOOL MEDICAL OFFICER

*For the Year ending December 31st, 1945.*

LADIES AND GENTLEMEN,

I have pleasure in presenting for your consideration my report as School Medical Officer. This is the eighteenth annual report I have had the honour to present to you, and the forty-sixth of the yearly series dealing with the School Medical work of the Borough.



### Cost of the School Health Service.

\* The gross cost of the medical, dental and nursing services was £15,775. The rateable value of the Borough as at 1st April, 1945, was £2,505,211. The Government grant is 44.15 per cent. of the expenditure, hence the actual cost to the rates was £8,810, i.e., a rate of 0.84 pence. The figures do not include £300 for Medical Inspection (Higher Education).

### Cost of Special Schools.

Schools maintained by the Council, £7,068; contributions to schools under other authorities, £4,247. Income from parents' contributions and other receipts, £704, giving an actual cost of £10,611, of which £5,926 was payable out of local rates, i.e., a rate of 0.57 pence.

### Cost of Milk and Meals.

Meals and milk cost £33,150, including wages, fuel, printing, etc. On this expenditure the Government now make a grant of 100 per cent. for expenditure on milk, and 74.15 per cent. of the expenditure upon meals.

### School Population.

The average number of children on the School Registers, excluding any evacuated children, is shown below :—

| Schools                  |     |     |     | No of<br>Departments | Number<br>on the<br>Registers | Average<br>attendance | Average<br>attendance<br>per cent |
|--------------------------|-----|-----|-----|----------------------|-------------------------------|-----------------------|-----------------------------------|
| <b>SECONDARY SCHOOLS</b> |     |     |     |                      |                               |                       |                                   |
| <b>Council</b>           |     |     |     |                      |                               |                       |                                   |
| Boys ...                 | ... | ... | ... | 7                    | 1322                          | 1125                  | 85                                |
| Girls ...                | ... | ... | ... | 9                    | 1920                          | 1666                  | 87                                |
| Mixed ...                | ... | ... | ... | 6                    | 1404                          | 1270                  | 90                                |
|                          |     |     |     | 22                   | 4646                          | 4061                  | 87                                |
| <b>Voluntary</b>         |     |     |     |                      |                               |                       |                                   |
| Boys ...                 | ... | ... | ... | 1                    | 215                           | 198                   | 92                                |
| Girls ...                | ... | ... | ... | 1                    | 74                            | 69                    | 93                                |
|                          |     |     |     | 2                    | 289                           | 267                   | 92                                |

| Schools                              | No. of<br>Departments | Number<br>on the<br>Registers | Average<br>attendance | Average<br>attendance<br>per cent |
|--------------------------------------|-----------------------|-------------------------------|-----------------------|-----------------------------------|
| <b>PRIMARY SCHOOLS</b>               |                       |                               |                       |                                   |
| <b>Council</b>                       |                       |                               |                       |                                   |
| Senior and Junior Boys ...           | 1                     | 313                           | 274                   | 88                                |
| Senior and Junior Girls ...          | 1                     | 296                           | 250                   | 84                                |
| Senior and Junior Mixed ...          | 2                     | 722                           | 642                   | 90                                |
| Junior Boys ... ..                   | 7                     | 1932                          | 1487                  | 77                                |
| Junior Girls ... ..                  | 5                     | 1304                          | 1175                  | 90                                |
| Junior Girls and Infants ...         | 3                     | 1289                          | 1098                  | 85                                |
| Junior Mixed and Infants ...         | 11                    | 4400                          | 3709                  | 84                                |
| Infants ... ..                       | 14                    | 3212                          | 2540                  | 79                                |
|                                      | 44                    | 13468                         | 11175                 | 83                                |
| <b>Voluntary</b>                     |                       |                               |                       |                                   |
| Senior and Junior Boys ...           | 1                     | 189                           | 165                   | 87                                |
| Senior Mixed and Infants ...         | 4                     | 1058                          | 856                   | 81                                |
| Junior Girls and Infants ...         | 2                     | 410                           | 338                   | 82                                |
| Junior Mixed and Infants ...         | 4                     | 745                           | 608                   | 82                                |
| Infants ... ..                       | 2                     | 159                           | 121                   | 76                                |
|                                      | 13                    | 2561                          | 2068                  | 81                                |
| <b>SPECIAL SCHOOLS</b>               |                       |                               |                       |                                   |
| <b>Council</b>                       |                       |                               |                       |                                   |
| Mixed ... ..                         | 3                     | 201                           | 175                   | 87                                |
| <b>GRAMMAR AND TECHNICAL SCHOOLS</b> |                       |                               |                       |                                   |
| Boys ... ..                          | 1                     | 570                           | 513                   | 90                                |
| Girls ... ..                         | 1                     | 560                           | 504                   | 90                                |
| Boys ... ..                          | 1                     | 307                           | 290                   | 94                                |
| Girls ... ..                         | 1                     | 538                           | 500                   | 93                                |
| Boys ... ..                          | 1                     | 124                           | 111                   | 89                                |
|                                      | 5                     | 2099                          | 1918                  | 91                                |

#### Medical Inspection in Schools.

A total of 7,814 children were examined as compared with 4,303 in 1944, and 5,064 parents attended the examinations. The percentage attendance of parents in the Entrants' group was for boys 85.3 per cent.; and girls 85.6 per cent.; in the Intermediate group, boys 63.8 per cent., girls 75.5 per cent.; and in the Leavers' group, boys 35.3 per cent., girls 46.1 per cent.

The total percentage of parents attending was 64.8 as against 65.7 last year.

920 specials and re-inspections were made.



## PARENTS PRESENT, 1945

|                   | ENTRANTS      |      |                 |      | INTERMEDIATE  |     |                 |     | LEAVERS       |      |                 |     | OTHER AGES    |     |                 |     | TOTAL         |      |
|-------------------|---------------|------|-----------------|------|---------------|-----|-----------------|-----|---------------|------|-----------------|-----|---------------|-----|-----------------|-----|---------------|------|
|                   | Number Exmnd. |      | Parents Present |      | Number Exmnd. |     | Parents Present |     | Number Exmnd. |      | Parents Present |     | Number Exmnd. |     | Parents Present |     | Number Exmnd. |      |
|                   | M.            | F.   | M.              | F.   | M.            | F.  | M.              | F.  | M.            | F.   | M.              | F.  | M.            | F.  | M.              | F.  | M.            | F.   |
| Ashburton ...     | 28            | 8    | 26              | 3    | 7             | 8   | 6               | ... | 19            | 23   | 16              | 17  | ...           | ... | ...             | ... | 54            | 39   |
| Addington Village | 17            | 27   | 14              | 24   | 33            | 20  | 28              | 7   | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 50            | 47   |
| Benson ...        | 99            | 76   | 88              | 73   | 58            | 43  | 38              | 42  | 5             | 5    | 5               | 4   | ...           | ... | ...             | ... | 162           | 124  |
| Beulah ...        | 102           | 98   | 92              | 87   | 119           | 1   | 80              | ... | ...           | ...  | ...             | ... | 24            | ... | 20              | ... | 245           | 99   |
| Croydon British   | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | ...           | 50   | ...             | 26  | ...           | ... | ...             | ... | ...           | 50   |
| Cypress ...       | 9             | 8    | 9               | 7    | 1             | 23  | 1               | 19  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 10            | 31   |
| Davidson ...      | 21            | 29   | 16              | 19   | ...           | ... | ...             | ... | 22            | 23   | 7               | 10  | ...           | ... | ...             | ... | 43            | 52   |
| Duppas ...        | ...           | 9    | ...             | 9    | 65            | 67  | 22              | 42  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 65            | 76   |
| Ecclesbourne ...  | 28            | 39   | 24              | 36   | 17            | ... | 4               | ... | ...           | 59   | ...             | 24  | ...           | ... | ...             | ... | 45            | 98   |
| Elmwood ...       | 51            | 45   | 41              | 39   | 99            | 3   | 58              | 3   | 49            | ...  | 24              | ... | ...           | ... | ...             | ... | 199           | 48   |
| Gonville ...      | 36            | 33   | 30              | 31   | 33            | 41  | 24              | 34  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 69            | 74   |
| Howard... ..      | 44            | 26   | 34              | 17   | 36            | 32  | 20              | 23  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 80            | 58   |
| Ingram ...        | 19            | 5    | 18              | 4    | ...           | ... | ...             | ... | 21            | 61   | 8               | 30  | ...           | ... | ...             | ... | 40            | 66   |
| Kensington ...    | 41            | 45   | 36              | 43   | 10            | 13  | 9               | 8   | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 51            | 58   |
| Kingsley ...      | 94            | 69   | 77              | 59   | 127           | 86  | 87              | 63  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 221           | 155  |
| Lanfranc ...      | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | 122           | 97   | 32              | 56  | ...           | ... | ...             | ... | 122           | 97   |
| Monks Orchard     | 43            | 55   | 39              | 50   | 50            | 35  | 41              | 35  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 93            | 90   |
| New Addington     | 65            | 39   | 55              | 33   | 55            | 39  | 39              | 33  | 32            | 35   | 15              | 19  | ...           | ... | ...             | ... | 152           | 113  |
| Norbury Manor     | 69            | 80   | 64              | 72   | 25            | ... | 11              | ... | 45            | ...  | 14              | ... | ...           | ... | ...             | ... | 139           | 80   |
| Oval ...          | ...           | ...  | ...             | ...  | 71            | 25  | 42              | 20  | 35            | 26   | 13              | 11  | ...           | ... | ...             | ... | 106           | 51   |
| Portland ...      | 60            | 53   | 59              | 47   | 13            | ... | 7               | ... | 72            | 60   | 22              | 41  | ...           | ... | ...             | ... | 145           | 113  |
| Purley Oaks ...   | 47            | 69   | 38              | 56   | 25            | 26  | 17              | 15  | 22            | 26   | 10              | 11  | ...           | ... | ...             | ... | 94            | 121  |
| Rockmount ...     | 14            | 7    | 14              | 7    | ...           | ... | ...             | ... | 15            | 5    | 7               | ... | ...           | ... | ...             | ... | 29            | 12   |
| South Norwood     | 29            | 20   | 23              | 17   | 110           | 20  | 65              | 14  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 139           | 40   |
| Sydenham ...      | 45            | 66   | 36              | 54   | 79            | 52  | 54              | 38  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 124           | 118  |
| Tavistock ...     | 30            | 42   | 24              | 34   | ...           | ... | ...             | ... | 46            | 75   | 20              | 28  | ...           | ... | ...             | ... | 76            | 117  |
| Waddon ...        | 16            | 9    | 7               | 7    | 17            | 19  | 9               | 4   | 72            | 58   | 18              | 24  | 11            | 8   | 7               | 6   | 116           | 94   |
| West Thornton     | 90            | 61   | 74              | 50   | 64            | 62  | 44              | 43  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 154           | 123  |
| Whitehorse Marr.  | 65            | 28   | 56              | 25   | ...           | 45  | ...             | 40  | 44            | ...  | 7               | ... | ...           | ... | ...             | ... | 109           | 73   |
| Winterbourne ...  | 86            | 98   | 77              | 90   | 63            | 42  | 46              | 32  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 149           | 140  |
| Woodside ...      | 58            | 80   | 51              | 65   | 101           | 62  | 55              | 50  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 159           | 142  |
| Heath Clark ...   | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | 24            | 140  | 4               | 43  | ...           | ... | ...             | ... | 24            | 140  |
| St. Luke's ...    | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | ...           | ...  | ...             | ... | 11            | 8   | 5               | 3   | 11            | 8    |
| All Saints' ...   | 13            | 13   | 10              | 11   | 9             | 4   | 9               | 3   | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 22            | 17   |
| A. Tenison's Gls. | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | ...           | 18   | ...             | 14  | ...           | ... | ...             | ... | ...           | 18   |
| Christ Church ... | 9             | 15   | 9               | 13   | 37            | 32  | 23              | 27  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 46            | 47   |
| Parish Church ... | 16            | 12   | 12              | 10   | ...           | 17  | ...             | 15  | 45            | ...  | 16              | ... | ...           | ... | ...             | ... | 61            | 29   |
| St. Andrew's ...  | ...           | ...  | ...             | ...  | 27            | 17  | 23              | 13  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 27            | 17   |
| St. Joseph's ...  | 10            | 15   | 2               | 8    | 13            | 10  | 7               | 5   | 6             | 7    | 1               | 2   | ...           | ... | ...             | ... | 29            | 32   |
| St. Mark's ...    | ...           | ...  | ...             | ...  | ...           | 17  | ...             | 8   | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | ...           | 17   |
| St. Mary's ...    | 13            | 12   | 9               | 8    | 13            | 10  | 8               | 7   | 6             | 13   | 3               | 4   | ...           | ... | ...             | ... | 32            | 35   |
| St. Peter's ...   | 13            | 12   | 11              | 7    | ...           | ... | ...             | ... | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 13            | 12   |
| St. Saviour's ... | ...           | ...  | ...             | ...  | 13            | 13  | 7               | 11  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 13            | 13   |
| Shirley ...       | 26            | 19   | 24              | 17   | 34            | 38  | 25              | 32  | ...           | ...  | ...             | ... | ...           | ... | ...             | ... | 60            | 57   |
| A. Tenison's Bys. | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | 113           | ...  | 32              | ... | ...           | ... | ...             | ... | 113           | ...  |
| Selhurst Gram.    | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | 315           | 240  | 128             | 110 | ...           | ... | ...             | ... | 315           | 240  |
| Sch. of Building  | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | 93            | ...  | 28              | ... | ...           | ... | ...             | ... | 93            | ...  |
| John Ruskin ...   | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | 144           | ...  | 53              | ... | ...           | ... | ...             | ... | 144           | ...  |
| Lady Edridge ...  | ...           | ...  | ...             | ...  | ...           | ... | ...             | ... | ...           | 290  | ...             | 130 | ...           | ... | ...             | ... | ...           | 290  |
|                   | 1406          | 1322 | 1199            | 1132 | 1424          | 922 | 909             | 696 | 1367          | 1311 | 483             | 604 | 46            | 16  | 32              | 9   | 4243          | 3571 |
|                   | 2728          |      | 2331            |      | 2346          |     | 1605            |     | 2678          |      | 1087            |     | 62            |     | 41              |     | 7814          |      |

## PERCENTAGE OF PARENTS PRESENT AT MEDICAL EXAMINATIONS

|              |     |     |       |      |   |      |   |      |
|--------------|-----|-----|-------|------|---|------|---|------|
| Entrants     | ... | ... | Boys  | 85.3 | } | 85.5 | } | 64.8 |
| "            | ... | ... | Girls | 85.6 |   |      |   |      |
| Intermediate | ... | ... | Boys  | 63.8 | } | 68.4 |   |      |
| "            | ... | ... | Girls | 75.5 |   |      |   |      |
| Leavers      | ... | ... | Boys  | 35.3 | } | 40.6 |   |      |
| "            | ... | ... | Girls | 46.1 |   |      |   |      |
| Other Ages   | ... | ... | Boys  | 69.6 | } | 66.1 |   |      |
| "            | ... | ... | Girls | 56.3 |   |      |   |      |



**Uncleanliness.**

|   |        |
|---|--------|
| Number of children inspected for Cleanliness (first inspection) ... ..                | 47,529 |
| Number of children inspected (subsequent inspections) ... ..                          | 2,669  |
| Number of children found unclean (first inspection) (2,089 occasions of infestation). | 1,223  |
| Number of occasions in which children found unclean (subsequent inspections) ... ..   | 903    |

At the primary inspections vermin were found in 211 and nits alone in 1,878 children. On these inspections, 4.4 per cent. of the children showed evidence of infestation as against 3.8 in 1944.

**Tuberculosis in Children of School Age.**

Contacts among school children kept under supervision during 1945—

|  |     |
|--|-----|
| Number of cases under observation at beginning of 1945 ... ..      | 371 |
| Number of cases added during year... ..                            | 24  |
| Number of cases discharged from observation during the year ... .. | 5   |
| Number of cases under observation at the end of 1945               | 390 |

Taking the total Local Authority school population as 23,984, the pulmonary tuberculosis incidence rate was 37.5 per 100,000. There were no deaths from pulmonary tuberculosis. For non-pulmonary tuberculosis the mortality rate was 16.7 and the incidence rate 83.4.

**CAUSES OF DEATH IN CHILDREN OF SCHOOL AGE.**

School population 31,000.

Number of deaths 22, which is equal to a death-rate of 0.7 per 1,000.

The deaths were due to:

|                                  |   |
|----------------------------------|---|
| Tuberculosis ... ..              | 4 |
| Cerebro Spinal Meningitis ... .. | 1 |
| Diphtheria ... ..                | 1 |
| Dysentery ... ..                 | 1 |



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|                         |     |     |     |     |     |   |
|-------------------------|-----|-----|-----|-----|-----|---|
| Pneumonia               | ... | ... | ... | ... | ... | 1 |
| Cancer                  | ... | ... | ... | ... | ... | 1 |
| Appendicitis            | ... | ... | ... | ... | ... | 1 |
| Diabetes                | ... | ... | ... | ... | ... | 1 |
| Peritonitis             | ... | ... | ... | ... | ... | 1 |
| Diseases of the Heart   | ... | ... | ... | ... | ... | 2 |
| Leukaemia               | ... | ... | ... | ... | ... | 2 |
| Interssusception        | ... | ... | ... | ... | ... | 1 |
| Accidental Blow on Head | ... | ... | ... | ... | ... | 1 |
| Road Traffic Accidents  | ... | ... | ... | ... | ... | 4 |

# VISION.

| Extent of Defect.  |   | Intermediate. |      |        |      | Leavers. |      |        |      | Total. |        |
|--------------------|---|---------------|------|--------|------|----------|------|--------|------|--------|--------|
|                    |   | Boys.         |      | Girls. |      | Boys.    |      | Girls. |      | Boys.  | Girls. |
|                    |   | No.           | %    | No.    | %    | No.      | %    | No.    | %    | %      | %      |
| Normal :           | R | 1372          | 96.3 | 878    | 95.2 | 1298     | 94.9 | 1220   | 93.1 | 95.7   | 94.0   |
| 6/6ths or 6/9ths   | L | 1373          | 93.4 | 880    | 95.4 | 1290     | 94.4 | 1221   | 93.1 | 95.4   | 94.1   |
| 6/12ths or 6/24ths | R | 47            | 3.3  | 35     | 3.8  | 50       | 3.7  | 84     | 6.4  | 3.5    | 5.3    |
|                    | L | 45            | 3.2  | 38     | 4.1  | 66       | 4.8  | 74     | 5.6  | 4.0    | 5.0    |
| 6/36ths or worse   | R | 5             | 0.4  | 9      | 1.0  | 19       | 1.4  | 7      | 0.5  | 0.8    | 0.7    |
|                    | L | 6             | 0.4  | 4      | 0.5  | 11       | 0.8  | 16     | 1.3  | 0.6    | 0.9    |

# TEETH.

|                      |     | Entrants. |      |        |      | Intermediate. |      |        |      | Leavers. |      |        |      |
|----------------------|-----|-----------|------|--------|------|---------------|------|--------|------|----------|------|--------|------|
|                      |     | Boys.     |      | Girls. |      | Boys.         |      | Girls. |      | Boys.    |      | Girls. |      |
|                      |     | No.       | %    | No.    | %    | No.           | %    | No.    | %    | No.      | %    | No.    | %    |
| Perfect set of Teeth | ... | 1172      | 83.4 | 1055   | 79.8 | 1231          | 86.4 | 793    | 86.0 | 1256     | 91.9 | 1221   | 93.1 |
| One to four Decayed  | ... | 166       | 11.8 | 168    | 12.7 | 132           | 9.3  | 90     | 9.8  | 98       | 7.2  | 59     | 4.5  |
| Four or more Decayed | ... | 68        | 4.8  | 99     | 7.5  | 61            | 4.3  | 39     | 4.2  | 13       | 0.9  | 31     | 2.4  |
| Totals               | ... | 1406      |      | 1322   |      | 1424          |      | 922    |      | 1367     |      | 1311   |      |

HEIGHTS AND WEIGHTS.  
The following Statistics give a Summary of the findings.

1945.

| Year of Birth. | BOYS.            |                           |                        |                                   |                                |                                   |                                | GIRLS.           |                           |                        |                                   |                                |                                   |                                |
|----------------|------------------|---------------------------|------------------------|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|------------------|---------------------------|------------------------|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|
|                | Number Examined. | Average Height in inches. | Average Weight in lbs. | Average maximum Height in inches. | Average maximum Weight in lbs. | Average minimum Height in inches. | Average minimum Weight in lbs. | Number Examined. | Average Height in inches. | Average Weight in lbs. | Average maximum Height in inches. | Average maximum Weight in lbs. | Average minimum Height in inches. | Average minimum Weight in lbs. |
| 1940           | 531              | 43.3                      | 44.0                   | 46.1                              | 50.2                           | 40.7                              | 38.0                           | 540              | 43.3                      | 43.1                   | 46.0                              | 50.6                           | 40.5                              | 36.9                           |
| 1939           | 670              | 45.1                      | 47.1                   | 48.0                              | 54.4                           | 41.7                              | 40.3                           | 643              | 44.7                      | 45.5                   | 48.6                              | 53.3                           | 42.1                              | 39.0                           |
| 1938           | 157              | 46.8                      | 50.5                   | 48.6                              | 56.0                           | 44.3                              | 44.0                           | 180              | 47.3                      | 50.4                   | 48.4                              | 54.0                           | 44.3                              | 42.7                           |
| 1937           | 321              | 49.2                      | 56.5                   | 53.0                              | 66.1                           | 47.2                              | 50.0                           | 273              | 49.1                      | 54.4                   | 52.2                              | 64.3                           | 46.5                              | 47.2                           |
| 1936           | 642              | 51.3                      | 60.5                   | 55.2                              | 71.7                           | 47.8                              | 50.7                           | 466              | 50.7                      | 58.8                   | 54.0                              | 71.3                           | 47.2                              | 48.7                           |
| 1935           | 388              | 53.2                      | 66.3                   | 57.4                              | 81.3                           | 50.0                              | 55.3                           | 188              | 52.6                      | 64.7                   | 55.4                              | 76.1                           | 49.1                              | 54.3                           |
| 1934           | 249              | 55.9                      | 74.8                   | 60.5                              | 91.6                           | 52.2                              | 61.0                           | 118              | 56.1                      | 78.0                   | 58.5                              | 96.4                           | 53.7                              | 67.6                           |
| 1933           | 169              | 57.2                      | 79.3                   | 60.8                              | 96.1                           | 54.2                              | 69.8                           | 174              | 58.5                      | 85.5                   | 62.1                              | 105.6                          | 55.0                              | 69.5                           |
| 1932           | 601              | 58.5                      | 87.0                   | 63.3                              | 115.3                          | 54.2                              | 69.5                           | 618              | 59.0                      | 90.7                   | 64.0                              | 117.8                          | 54.2                              | 68.3                           |
| 1931           | 255              | 61.3                      | 100.0                  | 66.6                              | 132.6                          | 56.8                              | 78.4                           | 255              | 61.9                      | 104.6                  | 65.0                              | 125.3                          | 57.6                              | 80.2                           |
| 1930           | 80               | 65.4                      | 120.5                  | 70.0                              | 153.2                          | 58.6                              | 89.3                           | 111              | 62.8                      | 118.4                  | 66.0                              | 127.9                          | 60.0                              | 95.8                           |
| 1929           | 56               | 67.6                      | 127.2                  | 71.7                              | 150.6                          | 64.4                              | 109.0                          | 131              | 64.4                      | 121.2                  | 67.3                              | 148.7                          | 60.4                              | 100.3                          |
| 1923           | 11               | 67.3                      | 131.2                  | 71.0                              | 153.0                          | 65.5                              | 119.5                          | 39               | 64.5                      | 125.6                  | 67.0                              | 143.7                          | 60.9                              | 106.8                          |



**RETURN OF DEFECTS FOUND IN THE COURSE OF ROUTINE MEDICAL  
INSPECTION, 1945.**

| Defects.   | Boys.                    |                               |                               | Girls.                   |                               |                               |
|--|--------------------------|-------------------------------|-------------------------------|--------------------------|-------------------------------|-------------------------------|
|  | No. requiring Treatment. | No. referred for Observation. | Percentage of total Examined. | No. requiring Treatment. | No. referred for Observation. | Percentage of total Examined. |
| MA LNUTRITION ... ..   | 307                      | 5                             | 7.35                          | 243                      | 5                             | 6.94                          |
| UNCLEANLINESS—   |                          |                               |                               |                          |                               |                               |
| Head ... ..  | 4                        | —                             | 0.09                          | 10                       | 2                             | 0.34                          |
| Body ... ..  |                          |                               |                               |                          |                               |                               |
| SKIN DISEASE ... ..  | 30                       | —                             | 0.71                          | 24                       | 1                             | 0.70                          |
| EYE DISEASE—   |                          |                               |                               |                          |                               |                               |
| Defective Vision ... ..  | 198                      | 42                            | 5.65                          | 218                      | 17                            | 6.58                          |
| Squint ... ..  | 105                      | 28                            | 3.13                          | 94                       | 18                            | 3.14                          |
| External Eye Trouble ... ..                                    | 26                       | 4                             | 0.71                          | 20                       | 2                             | 0.62                          |
| EAR DISEASE—   |                          |                               |                               |                          |                               |                               |
| Deafness ... ..  | 7                        | 5                             | 0.28                          | 7                        | 2                             | 0.25                          |
| Otitis Media ... ..  | 1                        | 2                             | 0.07                          | 3                        | 1                             | 0.11                          |
| Other Disease ... ..   | 2                        | 4                             | 0.14                          | 5                        | 1                             | 0.17                          |
| NOSE AND THROAT—   |                          |                               |                               |                          |                               |                               |
| Enlarged Tonsils only ... ..                                   | 86                       | 190                           | 6.50                          | 46                       | 112                           | 4.42                          |
| Adenoids only ... ..   | 17                       | 9                             | 0.61                          | 12                       | 8                             | 0.56                          |
| Enlarged Tonsils and Adenoids                                  | 218                      | 102                           | 7.54                          | 213                      | 96                            | 8.65                          |
| Other Conditions ... ..  | 130                      | 53                            | 4.31                          | 147                      | 35                            | 5.10                          |
| Enlarged Cervical Glands(not T.B.)                             | 4                        | 18                            | 0.52                          | 2                        | 5                             | 0.20                          |
| DENTAL DEFECTS ... ..  | 142                      | 2                             | 3.39                          | 90                       | 4                             | 2.63                          |
| SPEECH DEFECTS ... ..  | 18                       | 5                             | 0.54                          | 8                        | 1                             | 0.25                          |
| HEART AND CIRCULATION—   |                          |                               |                               |                          |                               |                               |
| Organic ... ..   | 10                       | 27                            | 0.87                          | 2                        | 16                            | 0.50                          |
| Functional ... ..  | 6                        | 57                            | 1.48                          | 4                        | 8                             | 0.34                          |
| Anaemia ... ..   | 62                       | 6                             | 1.60                          | 37                       | 2                             | 1.09                          |
| BRONCHITIS ... ..  | 14                       | 13                            | 0.64                          | 8                        | 4                             | 0.34                          |
| OTHER NON-T.B. ... ..  | 16                       | 20                            | 0.85                          | 4                        | 9                             | 0.36                          |
| PULMONARY TUBERCULOSIS ... ..                                  | 16                       | 8                             | 0.57                          | 8                        | 2                             | 0.28                          |
| OTHER TUBERCULOSIS ... ..                                      | 3                        | 9                             | 0.28                          | 1                        | 3                             | 0.11                          |
| NERVOUS SYSTEM DISORDERS<br>(including Epilepsy, chorea, etc.) | 8                        | 35                            | 1.01                          | 6                        | 44                            | 1.40                          |
| DEFORMITIES—   |                          |                               |                               |                          |                               |                               |
| Rickets ... ..   | 5                        | —                             | 0.12                          | —                        | —                             | —                             |
| Spinal Curvature ... ..  | 76                       | 8                             | 1.98                          | 99                       | 5                             | 2.91                          |
| Others ... ..  | 130                      | 29                            | 3.75                          | 154                      | 27                            | 5.07                          |
| OTHER DEFECTS AND DISEASES ... ..                              | 32                       | 27                            | 1.39                          | 53                       | 9                             | 1.74                          |
| Totals ... ..  | 1673                     | 708                           |                               | 1518                     | 439                           |                               |
| Total Children Examined ... ..                                 | 4243                     |                               |                               | 3571                     |                               |                               |



**SUMMARY OF FINDINGS AT ROUTINE MEDICAL INSPECTIONS, 1945.**  
(Percentages.)

| Condition.  | Entrants. |       | Inter-<br>mediate. |       | Leavers. |       | Other<br>Ages. |       | All<br>Groups. |       |
|---|-----------|-------|--------------------|-------|----------|-------|----------------|-------|----------------|-------|
|   | Boys      | Girls | Boys               | Girls | Boys     | Girls | Boys           | Girls | Boys           | Girls |
| <b>Cleanliness :</b>                              |           |       |                    |       |          |       |                |       |                |       |
| (Percentage Clean)                                |           |       |                    |       |          |       |                |       |                |       |
| Head ... ..                                       | 99.9      | 99.6  | 99.4               | 98.1  | 100.0    | 9.89  | 100.0          | 100.0 | 99.8           | 99.0  |
| Body ... ..                                       | 99.8      | 99.8  | 99.9               | 99.5  | 99.9     | 100.0 | 100.0          | 100.0 | 99.9           | 99.8  |
| Clothing (satisfactory) ...                       | 99.7      | 99.7  | 99.9               | 99.7  | 98.7     | 98.5  | 100.0          | 100.0 | 99.4           | 99.2  |
| Footgear (satisfactory) ...                       | 99.9      | 99.8  | 99.5               | 99.7  | 98.7     | 98.5  | 100.0          | 100.0 | 99.4           | 99.3  |
| Nutrition (normal) ... ..                         | 84.5      | 84.8  | 88.5               | 88.2  | 91.4     | 93.4  | 89.1           | 87.5  | 88.1           | 88.9  |
| <b>Defects :</b>                                  |           |       |                    |       |          |       |                |       |                |       |
| Circulatory System ... ..                         | 8.7       | 8.5   | 4.5                | 5.4   | 7.2      | 8.8   | 10.9           | 6.2   | 6.8            | 7.8   |
| Pulmonary System ... ..                           | 4.0       | 2.7   | 2.4                | 1.6   | 3.6      | 1.0   | —              | —     | 3.3            | 1.8   |
| Skin Diseases ... ..                              | 2.6       | 1.4   | 1.4                | 1.6   | 2.1      | 4.0   | 2.2            | —     | 2.1            | 2.4   |
| Defects of Nose and Throat                        | 38.6      | 35.2  | 18.2               | 25.1  | 17.6     | 15.0  | 26.1           | 31.2  | 24.9           | 25.1  |
| Enlarged Cervical Glands ...                      | 12.9      | 15.3  | 8.4                | 10.8  | 3.3      | 4.0   | 6.5            | —     | 8.2            | 9.9   |
| External Eye Disease ... ..                       | 0.9       | 0.5   | 1.1                | 1.4   | 1.3      | 1.4   | 4.4            | —     | 1.2            | 1.9   |
| Defective Vision ... ..                           | 7.3       | 5.4   | 8.9                | 12.0  | 11.2     | 12.9  | 6.5            | —     | 9.1            | 10.0  |
| Defective Hearing ... ..                          | 0.5       | 0.3   | 0.1                | 0.4   | 0.6      | 0.4   | 2.2            | —     | 0.4            | 0.4   |
| Speech Defects ... ..                             | 1.6       | 1.3   | 1.4                | 0.7   | 0.3      | 0.2   | —              | —     | 1.1            | 0.7   |
| Dental Disease (more than four<br>decayed) ... .. | 4.8       | 7.5   | 4.3                | 4.2   | 1.0      | 2.4   | —              | —     | 3.3            | 4.7   |
| Dull and Backward ... ..                          | 0.3       | 0.6   | 0.6                | 0.5   | 0.2      | 0.2   | 17.4           | 6.2   | 0.5            | 0.5   |

Taking all the groups examined, subnormal nutrition was recorded in 11.5 per cent of the children as contrasted with 11.8 per cent, in 1944.

**CHIEF CAUSES OF EXCLUSIONS FROM SCHOOL.**

| Condition.                   | Exclusions<br>during<br>1945. | Percentage<br>of total<br>exclusions. | Exclusions<br>during<br>1944. | Percentage<br>of total<br>exclusions. |
|------------------------------|-------------------------------|---------------------------------------|-------------------------------|---------------------------------------|
| Ringworm ... ..              | 24                            | 0.90                                  | 27                            | 0.89                                  |
| Vermineous Conditions ... .. | 605                           | 22.75                                 | 665                           | 22.04                                 |
| Impetigo ... ..              | 106                           | 3.99                                  | 90                            | 2.98                                  |
| Scabies ... ..               | 263                           | 9.89                                  | 185                           | 6.13                                  |
| Scarlet Fever ... ..         | 209                           | 7.86                                  | 146                           | 4.84                                  |
| Measles (inc. German) ... .. | 697                           | 26.21                                 | 601                           | 19.92                                 |
| Diphtheria ... ..            | 19                            | 0.71                                  | 6                             | 0.20                                  |
| Whooping Cough ... ..        | 155                           | 5.83                                  | 320                           | 10.66                                 |
| Chicken Pox ... ..           | 196                           | 7.37                                  | 529                           | 17.87                                 |
| Mumps ... ..                 | 237                           | 8.91                                  | 115                           | 3.81                                  |
| External Eye Disease ... ..  | 24                            | 0.90                                  | 93                            | 3.08                                  |
| Sore Throat ... ..           | 12                            | 0.45                                  | 22                            | 0.73                                  |
| Other Causes ... ..          | 112                           | 4.21                                  | 208                           | 6.89                                  |
| <b>TOTAL</b> ... ..          | <b>2659</b>                   | <b>—</b>                              | <b>3017</b>                   | <b>—</b>                              |

The figures for exclusions are not related in any way to the figures obtained in routine medical inspections.

These figures show an increase in Impetigo, Scabies, both skin conditions, which are often associated with overcrowding and unclean surroundings. Also an increase in Measles, Scarlet Fever and Mumps, and a very slight increase in Diphtheria. Whooping Cough, and External Eye Disease showed a decrease.



**CONDITIONS NOTIFIED BY TEACHERS AND SCHOOL ENQUIRY  
OFFICERS AND CONFIRMED BY HEALTH VISITORS.**

| NAME OF SCHOOL.  | School Population. | Measles. | German Measles. | Whooping Cough. | Chicken Pox. | Mumps. | Scabies. | Impetigo. | Ringworm. | Diphtheria. | Scarlet Fever. | Dysentery. | Cerebro-spinal Meningitis. | Polionyelitis. | Jaundice. | Conjunctivitis. | Sore Throat. | Indefinite Sickness. | Ill. Not Infectious | Percentage incidence of Conditions notified in Schools. |
|------------------|--------------------|----------|-----------------|-----------------|--------------|--------|----------|-----------|-----------|-------------|----------------|------------|----------------------------|----------------|-----------|-----------------|--------------|----------------------|---------------------|---|
| Ashburton ...    | 670                | 29       | ...             | 2               | 3            | 19     | ...      | 2         | 1         | 1           | 4              | ...        | ...                        | ...            | ...       | 1               | ...          | 1                    | ...                 | 9.4   |
| Benson ...       | 542                | 4        | ...             | ...             | 28           | ...    | ...      | 1         | ...       | ...         | 4              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 6.8   |
| Beulah ...       | 1023               | 59       | ...             | 13              | 2            | 51     | 11       | 10        | 2         | 1           | 8              | ...        | ...                        | ...            | ...       | ...             | 1            | 11                   | ...                 | 16.5  |
| Croydon British  | 152                | ...      | ...             | ...             | ...          | ...    | ...      | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 0.7   |
| Cypress ...      | 349                | 13       | ...             | ...             | 3            | 1      | 3        | 2         | ...       | ...         | 6              | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 8.3   |
| Davidson ...     | 622                | 14       | ...             | 5               | 19           | 2      | 7        | ...       | 2         | 1           | 9              | ...        | 1                          | ...            | 2         | ...             | 1            | 2                    | ...                 | 10.5  |
| Duppas ...       | 465                | 15       | ...             | ...             | ...          | 1      | 15       | ...       | 1         | ...         | 8              | ...        | ...                        | ...            | ...       | 4               | 1            | 5                    | ...                 | 10.8  |
| Ecclesbourne ... | 650                | 47       | 1               | 9               | 27           | 7      | 17       | 2         | ...       | ...         | ...            | 1          | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 17.1  |
| Elmwood ...      | 951                | 2        | ...             | 4               | ...          | 7      | 6        | 2         | 2         | 2           | 4              | ...        | ...                        | ...            | 2         | 3               | ...          | 7                    | ...                 | 4.3   |
| Gonville ...     | 385                | 43       | ...             | 11              | 5            | 2      | ...      | ...       | ...       | 1           | 5              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 17.4  |
| Howard ...       | 302                | 10       | ...             | ...             | ...          | ...    | 2        | ...       | ...       | ...         | 2              | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 4.9   |
| Ingram ...       | 463                | 21       | ...             | 7               | 4            | 7      | 8        | 2         | ...       | 3           | 2              | ...        | ...                        | ...            | ...       | ...             | 2            | 1                    | ...                 | 12.3  |
| Kensington ...   | 382                | 12       | ...             | 14              | 6            | ...    | 1        | 4         | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 9.7   |
| Kingsley ...     | 637                | 41       | ...             | 15              | 5            | 3      | 5        | 3         | 3         | 1           | 6              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 12.9  |
| Lanfranc ...     | 641                | 2        | ...             | ...             | 1            | 1      | 10       | 2         | 3         | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | 2            | 4                    | 1                   | 4.1   |
| Monks Orchard    | 313                | 1        | ...             | 1               | 4            | ...    | 1        | ...       | ...       | ...         | 14             | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 6.7   |
| New Addington    | 728                | ...      | ...             | ...             | 2            | ...    | ...      | 1         | ...       | 1           | 20             | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 3.3   |
| Norbury Manor    | 912                | 3        | ...             | 1               | 3            | 3      | 3        | 2         | ...       | ...         | 10             | 6          | ...                        | ...            | ...       | ...             | ...          | 4                    | ...                 | 3.8   |
| Oval ...         | 677                | 22       | ...             | 1               | ...          | 4      | 9        | 1         | ...       | 1           | 13             | 1          | ...                        | ...            | 3         | ...             | 2            | 1                    | ...                 | 9.0   |
| Portland ...     | 594                | 23       | ...             | 11              | 2            | 3      | 6        | 7         | ...       | 1           | 9              | ...        | ...                        | ...            | ...       | 1               | ...          | 4                    | ...                 | 10.8  |
| Purley Oaks ...  | 618                | 4        | ...             | ...             | ...          | 2      | 8        | 1         | ...       | ...         | 2              | ...        | ...                        | 1              | ...       | 3               | ...          | 2                    | ...                 | 3.7   |
| Rockmount ...    | 435                | 3        | 1               | ...             | ...          | 18     | 3        | 2         | ...       | ...         | 3              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 6.9   |
| South Norwood    | 878                | 24       | 7               | 5               | ...          | 12     | 10       | 3         | 1         | 3           | 5              | 1          | ...                        | ...            | ...       | ...             | ...          | ...                  | 1                   | 8.2   |
| Sydenham ...     | 602                | 26       | 1               | 1               | 6            | 4      | 16       | 8         | ...       | ...         | 4              | ...        | ...                        | ...            | ...       | 1               | ...          | 8                    | ...                 | 12.5  |
| Tavistock ...    | 497                | 16       | ...             | 3               | 7            | 5      | 14       | 3         | ...       | ...         | 3              | ...        | ...                        | ...            | ...       | ...             | ...          | 7                    | 1                   | 11.9  |
| Waddon ...       | 705                | 5        | ...             | ...             | ...          | 1      | 14       | 4         | ...       | ...         | 6              | ...        | ...                        | ...            | ...       | 6               | 3            | 4                    | 1                   | 6.2   |
| W. Thornton ...  | 709                | 58       | ...             | 13              | ...          | 15     | 23       | 7         | 7         | ...         | 7              | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 18.5  |
| Whitehorse ...   | 703                | 26       | ...             | 4               | 5            | ...    | 19       | 13        | ...       | ...         | 1              | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 9.8   |
| Winterbourne     | 790                | 19       | ...             | ...             | 2            | 2      | 4        | 3         | 2         | ...         | 2              | ...        | 1                          | ...            | ...       | ...             | ...          | ...                  | ...                 | 4.4   |
| Woodside ...     | 777                | 68       | 1               | 4               | ...          | 48     | 7        | 6         | ...       | ...         | 6              | ...        | ...                        | ...            | ...       | 1               | ...          | ...                  | ...                 | 18.1  |
| Lady Edridge     | 380                | ...      | ...             | ...             | ...          | ...    | 5        | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | 2                    | ...                 | 1.8   |
| Heath Clark ...  | 356                | ...      | ...             | ...             | 1            | ...    | ...      | 2         | ...       | ...         | 1              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 1.1   |
| Arch. Ten. (Bys) | 215                | ...      | ...             | ...             | ...          | 1      | 1        | ...       | ...       | ...         | 1              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 1.4   |
| Adn. St. Mary's  | 133                | 2        | 1               | 2               | 10           | 5      | 4        | 1         | ...       | 1           | 4              | ...        | ...                        | ...            | ...       | 1               | ...          | 1                    | ...                 | 24.0  |
| All Saints ...   | 141                | 8        | 1               | 1               | ...          | 1      | 2        | 2         | ...       | ...         | 2              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | 1                   | 12.8  |
| Arch. Ten. (Gls) | 74                 | ...      | ...             | ...             | ...          | ...    | 1        | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 1.4   |
| Christ Church    | 303                | 21       | ...             | 8               | 1            | 2      | 1        | 2         | ...       | 2           | 2              | ...        | ...                        | ...            | 1         | ...             | 1            | 2                    | 1                   | 14.6  |
| Parish Church    | 452                | 16       | ...             | ...             | ...          | ...    | ...      | 2         | ...       | ...         | 4              | ...        | ...                        | ...            | ...       | 1               | ...          | 4                    | ...                 | 6.0   |
| St. Andrew's     | 386                | ...      | ...             | 2               | 25           | 1      | 8        | 3         | ...       | ...         | 7              | ...        | ...                        | ...            | ...       | ...             | 1            | 1                    | ...                 | 12.5  |
| St. Joseph's ... | 240                | 1        | ...             | ...             | ...          | ...    | 1        | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 0.8   |
| St. Mark's ...   | 147                | 7        | ...             | 5               | ...          | 7      | ...      | ...       | ...       | ...         | 3              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 15.7  |
| St. Mary's(R.C.) | 368                | ...      | ...             | 10              | 22           | ...    | 1        | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | 2            | ...                  | ...                 | 9.5   |
| St. Peter's ...  | 82                 | 11       | ...             | 2               | ...          | 1      | ...      | ...       | ...       | ...         | 2              | ...        | ...                        | ...            | 1         | ...             | ...          | ...                  | ...                 | 20.8  |
| St. Saviour's    | 124                | ...      | ...             | ...             | ...          | ...    | 11       | 2         | ...       | ...         | 1              | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 12.1  |
| Shirley ...      | 185                | 5        | 1               | 1               | 1            | ...    | ...      | ...       | ...       | ...         | 3              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 5.9   |
| St. Christophers | 114                | 2        | ...             | ...             | ...          | 1      | 1        | 1         | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 4.4   |
| St. Giles' ...   | 65                 | ...      | ...             | ...             | ...          | ...    | 2        | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 3.1   |
| St. Luke's ...   | 22                 | ...      | ...             | ...             | ...          | ...    | 1        | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | 1                    | ...                 | 4.5   |
| Coloma ...       | 528                | ...      | ...             | ...             | ...          | ...    | ...      | ...       | ...       | ...         | 9              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 1.9   |
| Selhurst Gram.   | 1123               | ...      | ...             | ...             | 1            | ...    | ...      | ...       | ...       | ...         | 4              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 0.4   |
| John Ruskin      | 304                | ...      | ...             | ...             | 1            | ...    | ...      | ...       | ...       | ...         | 3              | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 1.3   |
| School of Bldg.  | 136                | ...      | ...             | ...             | ...          | ...    | 2        | ...       | ...       | ...         | ...            | ...        | ...                        | ...            | ...       | ...             | ...          | ...                  | ...                 | 1.5   |
| TOTALS ...       |                    | 683      | 14              | 155             | 196          | 237    | 263      | 106       | 24        | 19          | 209            | 9          | 2                          | 1              | 9         | 24              | 12           | 81                   | 6                   |   |
|                  |                    | 697      |                 |                 |              |        |          |           |           |             |                |            |                            |                |           |                 |              |                      |                     |   |
| 1944             |                    | 124      | 477             | 320             | 539          | 115    | 185      | 90        | 27        | 6           | 146            | ...        | 4                          | ...            | 52        | 93              | 22           | 145                  | 1                   |   |
|                  |                    | 601      |                 |                 |              |        |          |           |           |             |                |            |                            |                |           |                 |              |                      |                     |   |

As compared with 1944 there were increases in cases notified by teachers with regard to Measles, Mumps, Scarlet Fever, Scabies, Impetigo. Decreases in Whooping Cough, Chicken Pox and Conjunctivitis.



### School Visits.

The following Table summarises the visits paid to schools by the Health Visitors, etc., in connection with these duties :—

|   |        |     |
|---|--------|-----|
| Visits to School Departments re Cleanliness | ...    | 539 |
| Visits re Scabies                           | ... .. | 2   |
| Visits re Infectious Disease                | ... .. | 62  |
| Visits re Medical Inspections               | ... .. | 392 |
| All other reasons                           | ... .. | 581 |

### Home Visits.

|  |        |       |
|--|--------|-------|
| Concerning defects found at routine medical inspections                                  | ... .. | 959   |
| Subsequent visits re defects found at routine medical inspections                        | ... .. | 265   |
| Visits re special cases  | ... .. | 831   |
| Visits to dental cases   | ... .. | 48    |
| Visits following other inspections   | ... .. | 1,835 |
| Visits in connection with infectious cases (including 302 visits concerning uncleanness) | ... .. | 6,975 |

## TREATMENT.

### The Work of the School Clinics.

#### SUMMARY OF ATTENDANCES.

|                           | 1945. | 1944. | Increase or Decrease. |
|---------------------------|-------|-------|-----------------------|
| Minor Ailments Clinic     | 12444 | 10927 | + 1517                |
| Inspection Clinic         | 1939  | 1694  | + 245                 |
| Dental Clinics            | 16017 | 12887 | + 3130                |
| Ophthalmic Clinic         | 3364  | 3170  | + 194                 |
| Orthopaedic Clinic        | 599   | 434   | + 165                 |
| Remedial Exercises Clinic | 7995  | 5000  | + 2995                |
| Nose and Throat Clinic    | 2239  | 836   | + 1403                |
| Rheumatism Clinic         | 62    | 33    | + 29                  |
|                           | 44659 | 34981 | + 9678                |

The general increase in the number of attendances was not due to an increase in the percentage incidence but to the much greater number of children who were dealt with subsequent to return from evacuation,



### The Minor Ailments Clinics.

At the Lodge Road Clinic, 1,183 defects involved 4,323 attendances, while at the subsidiary Clinics held at 206, Selhurst Road on five days weekly, 693 defects 3,046 attendances, and at the Duppas School 729 defects 5,075 attendances.

| Complaint.                          | 1945   |              |                                       | 1944.  |              |                                       |
|-------------------------------------|--------|--------------|---------------------------------------|--------|--------------|---------------------------------------|
|                                     | Cases. | Attendances. | Average No. of Attendances. per case. | Cases. | Attendances. | Average No. of Attendances. per case. |
| Ringworm of Scalp ... ..            | 17     | 243          | 14.3                                  | 6      | 75           | 12.5                                  |
| " " Body ... ..                     | 110    | 982          | 8.9                                   | 95     | 785          | 8.3                                   |
| Scabies ... ..                      | 301    | 841          | 2.8                                   | 571    | 1527         | 2.7                                   |
| Impetigo ... ..                     | 231    | 1280         | 5.5                                   | 291    | 1156         | 3.9                                   |
| Other Skin Diseases ... ..          | 201    | 665          | 3.3                                   | 268    | 782          | 2.9                                   |
| Otorrhoea and other Ear defects ... | 158    | 833          | 5.3                                   | 195    | 774          | 4.0                                   |
| External Eye Disease ... ..         | 324    | 1435         | 4.4                                   | 201    | 1036         | 5.1                                   |
| Miscellaneous ... ..                | 1263   | 6165         | 4.9                                   | 1102   | 4792         | 4.3                                   |
|                                     | 2605   | 12444        | 4.8                                   | 2729   | 10927        | 4.0                                   |

### Adenoids and Enlarged Tonsils.

During 1945 783 children were operated upon for adenoids and enlarged tonsils, and 2,239 attendances were made at the Throat Clinic.

### Treatment of Visual Defects.

|                          | Number of defects dealt with. |  |            | Spectacles prescribed |                               | Spectacles obtained. |        |
|--------------------------|-------------------------------|--|------------|-----------------------|-------------------------------|----------------------|--------|
|                          | Under the Authority's Scheme. | Submitted to refraction by private practitioner or Hospital apart from the Authority's scheme. | Otherwise. | Total.                | Under the Authority's Scheme. | Otherwise.           | Total. |
| Errors of Refraction ... | 1153                          | —  | —          | 1153                  | 743                           | —                    | 743    |

This Clinic showed an increase upon 1944 in numbers submitted in refraction. A total of 3,364 attendances was recorded.



### **SCHOOL DENTAL SERVICE.**

This Service deals not only with those attending Borough Primary, Central and Special Schools, but provision is also made for treatment to be obtained for a substantial number of scholarship and free-place pupils at Secondary and Grammar Schools.

The present staff consists of six full-time Dental Officers. One member who has been with H.M. Forces has but recently been released, and did not re-commence his duties until 1st September, 1945.

In addition to duties carried out for the Education Committee, the equivalent of one dental officer's time is devoted to work under the Maternity and Child Welfare Scheme.

#### **Arrangements for Treatment.**

Treatment is carried out at six Clinics. Four of these are situated in the Health Centre at Lodge Road, and work as a centralised unit: one of the above is, however, of a temporary character, and is intended to serve only until more appropriately placed premises can be established elsewhere.

The remaining surgeries at South Norwood and Duppas Hill continue to render good service, but facilities at both are extremely limited, and it is hoped that, as soon as building permits, specially constructed premises will be available in these districts.

Provision has lately been made for the establishment of two more branch clinics, first for the Woodside and later for the Addington areas. In the case of the former district prospective accommodation has been secured, but, at the time of writing, difficulties with reconstruction are hindering further developments.

#### **Staffing.**

Owing to the fact that the time of one dental officer is taken up exclusively with work in connection with the Maternity and Child Welfare Scheme, only five dental surgeons are in fact available for the care of the whole of the normal school population of about 25,000. Taking into account the inclusion of treatment for Secondary and Grammar Schools, provision for which has been made in the new Education Act (1945), present liabilities may be assessed as covering some 27,000 children.



Successive increases in the acceptance rate (now approximately 70 per cent.), plus the inclusion of large scale treatment for secondary schools, have now rendered obsolete the former Ministry of Education establishment of 5,000 children per clinic. On the basis of 3,000 per head now widely advocated, it is clear that considerable increase in professional staff will be required to achieve the badly needed annual inspection and treatment.

Again impending developments on the part of Education Authorities, such as the raising of the school leaving age, the inclusion of treatment for adolescents, etc., will in time greatly increase the numbers now requiring to be dealt with. It is imperative, therefore, that in addition to the extra clinic now urgently required for the treatment of secondary schools, a progressive scheme of expansion extending over some years, should be considered by the Committee if these ever-increasing liabilities are to be met.

#### **Suggested Programme of Expansion.**

Excluding the present arrangements approved for the Woodside area, the plan of expansion explained in the preceding paragraph would work as follows:—

1946—Acquisition of 1 additional Dental Officer,  
plus Clinic and Staff.

|      |   |        |   |   |   |   |
|------|---|--------|---|---|---|---|
| 1947 | „ | 1      | „ | „ | „ | „ |
| 1948 | „ | 1 or 2 | „ | „ | „ | „ |

Total : 3 or 4 Dental Officers, plus Clinics and Staff.

#### **Inspections.**

The number of children actually on the register at Borough Primary and Central Schools at the end of 1945 was 22,349, compared with approximately 16,000 the previous year. Unfortunately, many children returning from evacuation after their departments had been visited, received no inspection during the current year; but a certain number were dealt with after application had been received through Head Teachers, under the category of “specials.”

Of those on the register 15,735 were inspected and 9,695 (61.6 per cent.) referred for treatment, compared with 12,875 inspected and 8,047 (62.5 per cent.) referred in 1944.



The decrease of 0.9 in the percentage of those referred is interesting, but this figure has varied considerably during recent years, and is influenced by the regularity with which inspections have been received. Some improvement has been suggested from time to time in the calcification of the enamel of the younger age groups, but in the main the incidence of caries continues to be high, and it is doubtful whether the implication suggested by the above figure can be regarded as permanent.

In addition to those returning from evacuation, nine Departments, comprising some 2,400 children, owing to lack of time and staff received no inspection during 1945.

The results obtained from school inspections were as follows:—Acceptance of Treatment, 70 per cent.; Refused Treatment, 13.4 per cent.; Forms Not Returned, 16.6 per cent. Such figures show an all round improvement and are, so far, the best results obtained.

The following analysis shows the variations that have taken place in the acceptance rate during recent years:—

#### RESULTS OF SCHOOL INSPECTIONS.

|                          | 1945.         | 1944.         | 1943.         | 1939.         | 1937.          |
|--------------------------|---------------|---------------|---------------|---------------|----------------|
| No. referred for—        |               |               |               |               |                |
| Treatment ... ..         | 9695          | 8047          | 9041          | 5477          | 13498          |
| Consents ... ..          | 6789 : 70 %   | 5335 : 66.3 % | 5642 : 62.4 % | 3430 : 63 %   | 7762 : 57.5 %  |
| (Total Consents          |               |               |               |               |                |
| *Including Specials) ... | (8363 : 74 %) | (6320 : 70 %) | (6814 : 67 %) | (5215 : 72 %) | (10146 : 63 %) |
| Refusals ... ..          | 1301 : 13.4 % | 1314 : 16.3 % | 1519 : 16.8 % | 996 : 18 %    | 3242 : 24 %    |
| Forms Not Returned       | 1605 : 16.6 % | 1398 : 17.4 % | 1880 : 20.8 % | 1051 : 19 %   | 2494 : 18.5 %  |

\* SPECIALS.—Those referred by Head Teachers with Emergency Forms

#### Acceptance Rate.

A rise of 3.7 per cent. is noted in the acceptance rate, the total now standing at 70 per cent., compared with 66.3 per cent. last year. Other figures (given above) obtained from inspections, are correspondingly good and in keeping with the general improvement noted in recent years.

This upward trend in the acceptance rate places an increased strain on all personnel concerned, and calls for progressive expansion within the scheme.



### Treatment.

Of 8,363 children consenting to treatment (including specials) 6,706 (80.2 per cent.) were treated and 5,885 (70.3 per cent.) cured (completely), compared with 6,320 consenting, 5,275 (83.4 per cent.) treated, and 4,390 (69.4 per cent.) cured in 1944. The above results may be considered very creditable. The slight reduction in the *percentage* of those treated was due to the fact that though more children were examined than in the previous year, insufficient time was available for many to receive an appointment for treatment.

Though sessions worked are only slightly more than those of 1944, treatment figures (tabulated below) show a consistent rise on those obtained during recent years. Appointments on the whole were well kept, but absenteeism in certain districts is still higher than could be wished, and thus continues to render administration difficult. Attendances rose from 8 to 9.9, per session: fillings from 4.2 to 5.3 per session.

### Items of Treatment.

The ensuing Table gives particulars of the principal items of treatment compared with those obtained last year:—

|                            | 1945.  | 1944.  |
|----------------------------|--------|--------|
| Attendances ... ..         | 16,017 | 12,887 |
| Treated ... ..             | 6,706  | 5,275  |
| Re-treated ... ..          | 3,161  | 2,719  |
| Fillings—Permanent ...     | 5,674  | 5,257  |
| Temporary ...              | 2,838  | 2,613  |
| Extractions—Permanent ...  | 1,491  | 1,210  |
| Temporary ...              | 8,473  | 6,099  |
| Gas Administrations ...    | 3,133  | 2,120  |
| Local Anæsthetics ... ..   | 3,275  | 3,431  |
| Other Operations—Permanent | 6,117  | 4,529  |
| Temporary                  | 2,444  | 1,792  |
| Cases Completed ... ..     | 5,885  | 4,390  |

**Special Treatment.**

These include :—

|   | 1945. | 1944. |
|---|-------|-------|
| Root treatment in anterior teeth ... ..     | 35    | 16    |
| Removal of nerves under local anaesthetic.  | 13    | 10    |
| Gingivectomy ... ..                         | 1     | 4     |
| Removal of bone sequestra ... ..            | —     | 3     |
| Splints for fractured incisors ... ..       | 1     | 1     |
| Number of M.D.'s treated ... ..             | 14    | 6     |
| Dentures inserted ... ..                    | 23    | 22    |
| Irrigation of sockets ... ..                | 81    | 25    |
| Treatment of hæmorrhage ... ..              | 7     | 6     |
| Removal of impacted and difficult teeth...  | 4     | 10    |
| Operation to labial frænum ... ..           | —     | 1     |
| Ulcerative stomatitis (Vincent's infection) | 13    | 3     |
| Cleft Palate ... ..                         | —     | —     |

**Form from Head Teachers.**

The number of forms issued by Head Teachers for emergency treatment was 1,574 compared with 985 in 1944. The foregoing increase was due to urgent work required by children who returned from evacuation after their schools had received their dental inspection. Black lists of those not accepting treatment at inspections continue to be supplied to Teachers in Charge, together with instructions that unless an adequate reason be given, such children shall be precluded from obtaining "special" forms, should toothache subsequently intervene.

**Charges for Treatment.**

The sum of £119 13s. 0d. was received in treatment fees during the earlier months of the year. In accordance with the provisions of the new Education Act all such charges have now been discontinued.

**X-Ray Examinations.**

The number of cases referred to Mayday Hospital for the above purpose was 162, compared with 169 in 1944.



### Orthodontic Treatment.

In spite of additional sessions being allocated to this highly specialised branch of treatment, more children continue to be referred than can possibly be dealt with in the time available. It is clear that cases of this type constitute a major problem in school dentistry:

Should the prognosis appear reasonably good, every effort is made to deal with the deformity, and given early diagnosis and co-operation from the patient, exceedingly gratifying results have been obtained. In more difficult cases some amelioration of the condition is attempted, but here a balance has to be struck between the time available and the benefits likely to accrue. Treatment must of necessity be prolonged, as much depends on the ability to institute remedial measures during the period best calculated to produce the maximum physiological growth.

As this work expands the Committee will have to consider at some future date the addition of a Specialist Orthodontic Surgeon, who, in the first instance, could be employed on a part-time basis.

— Treatment sessions devoted to the work were 215 against 190 last year. The following is a summary of treatment performed:—

|                           | 1945. | 1944. |
|---------------------------|-------|-------|
| Cases under treatment ... | 254   | 253   |
| New Cases ...             | 160   | 85    |
| Cases Completed ...       | 58    | 46    |
| Attendances ...           | 2,369 | 1,826 |
| Appliances—fixed ...      | 4     | 3     |
| „ removable ...           | 240   | 149   |
| Treatment Sessions ...    | 215   | 190   |

### Treatment of Scholarship Children.

Figures for the year show a further increase in the amount of treatment performed for scholarship holders at Borough Secondary Schools. Such children attend with the greatest regularity and are extremely appreciative of services rendered. It is hoped, however, under the extended dental arrangements which will be required to implement the dental provisions of the Education Act, 1944, that inspection and treatment for all Secondary School children will be available.

A summary of the treatment performed is given below:—

|                           | 1945. | 1944. |
|---------------------------|-------|-------|
| Attendances ... ..        | 821   | 375   |
| New Cases Treated ...     | 189   | 81    |
| Re-treated ... ..         | 100   | 38    |
| Fillings—Permanent ...    | 597   | 267   |
| Extractions—Permanent ... | 230   | 52    |
| "    Temporary ...        | 123   | 36    |
| Other Operations ... ..   | 193   | 62    |
| "Gas" Cases ... ..        | 94    | 26    |
| Local Anæsthesia ... ..   | 77    | 31    |
| Cases Completed ... ..    | 269   | 80    |
| Root Fillings ... ..      | 7     | 3     |
| Dentures Fitted ... ..    | 11    | 1     |
| Referred X-Ray ... ..     | 11    | 16    |

#### Summary of Work Done at the Selhurst Road Clinic.

|                         | 1945. | 1944. |
|-------------------------|-------|-------|
| Attendances ... ..      | 3,846 | 3,288 |
| Extractions ... ..      | 2,022 | 1,801 |
| Fillings... ..          | 1,612 | 1,717 |
| Other Operations ... .. | 2,819 | 1,989 |
| "Gas" Cases ... ..      | 648   | 479   |
| Local Anæsthesia ... .. | 237   | 335   |
| Cases Completed ... ..  | 1,156 | 728   |

Sessions held: Inspection 23, Treatment 367, Gas 41.

The average attendance at this Clinic per session is 10.5.

#### Summary of Work Done at the Waldrons Clinic.

|                         | 1945. | 1944. |
|-------------------------|-------|-------|
| Attendances ... ..      | 2,583 | 2,447 |
| Extractions ... ..      | 1,381 | 1,054 |
| Fillings... ..          | 2,335 | 2,230 |
| Other Operations ... .. | 442   | 430   |
| "Gas" Cases ... ..      | 420   | 335   |
| Local Anæsthesia ... .. | 2,464 | 2,590 |
| Cases Completed ... ..  | 1,019 | 816   |

Sessions held: Inspection 31, Treatment 336, Gas 42.

The average attendance at this Clinic per session is 7.7.



## DENTAL DEFECTS.

## (1) Number of children who were—

## (a) Inspected by Dental Officer :

|          |        | Year<br>1945. |         | Year<br>1944. |
|----------|--------|---------------|---------|---------------|
| Aged 5—6 | ... .. | 779           | ...     | 622           |
| „ 6—7    | ... .. | 1,875         | ...     | 1,486         |
| „ 7—8    | ... .. | 1,803         | ...     | 1,495         |
| „ 8—9    | ... .. | 1,805         | ...     | 1,540         |
| „ 9—10   | ... .. | 1,762         | ...     | 1,496         |
| „ 10—11  | ... .. | 1,738         | Total : | 1,365         |
| „ 11—12  | ... .. | 1,510         | 15,735  | 1,193         |
| „ 12—13  | ... .. | 1,519         | ...     | 1,196         |
| „ 13—14  | ... .. | 1,532         | ...     | 1,265         |
| „ 14—15  | ... .. | 1,053         | ...     | 938           |
| „ 15 up  | ... .. | 359           | ...     | 277           |
| Specials | ... .. | ...           | 1,574   | 985           |
|          |        |               | <hr/>   | <hr/>         |
|          |        |               | 17,309  | 13,858        |

(b) Found to require treatment 11,269 9,032

(c) Actually treated ... .. 6,706 5,275

## (2) Half-days devoted to

|            |        |       |       |
|------------|--------|-------|-------|
| Inspection | ... .. | 138   | 134   |
| Treatment  | ... .. | 1,616 | 1,611 |
|            |        | <hr/> | <hr/> |
|            |        | 1,754 | 1,745 |

## Number of Gas Sessions—

Lodge Road ... .. 133 109

(by Dental Officers).

Selhurst and Waldrons ... .. 83 60

---

 216 

---

 169

Administrative Sessions ... .. 76 67

Orthodontic Sessions ... .. 215 190

## (3) Attendances made by children

for treatment ... .. 16,017 12,887

## (4) Fillings—

|                 |        |       |       |
|-----------------|--------|-------|-------|
| Permanent teeth | ... .. | 5,674 | 5,257 |
| Temporary teeth | ... .. | 2,838 | 2,613 |
|                 |        | <hr/> | <hr/> |
|                 |        | 8,512 | 7,870 |

## (5) Extractions—

|                 |        |       |       |
|-----------------|--------|-------|-------|
| Permanent teeth | ... .. | 1,491 | 1,210 |
| Temporary teeth | ... .. | 8,473 | 6,099 |
|                 |        | <hr/> | <hr/> |
|                 |        | 9,964 | 7,309 |

|  |       |       |
|--|-------|-------|
| (6) Administrations of general anæsthetics for extractions | 3,133 | 2,120 |
| (7) Administrations of local anæsthetics for extractions   | 3,275 | 3,431 |
| (8) Other Operations—                                      |       |       |
| Permanent teeth ...  | 6,117 | 4,529 |
| Temporary teeth ...  | 2,444 | 1,792 |
|  | 8,561 | 6,321 |
| Fillings per session ...                                   | 5.3   | 4.8   |
| Extractions per session nitrous oxide ...                  | 46    | 43    |

#### DIPHTHERIA IMMUNIZATION.

Diphtheria Immunization has been carried out at the clinics and the assistance of the teachers and their co-operation has been much appreciated.

The number of children between the ages of 5 and 15 years immunized against Diphtheria during the year was 281. This is, unfortunately, a decrease. Concentration is, however, being directed towards pre-school children.

#### ORTHOPAEDIC WORK.

Summary of Cases attending the Orthopædic Clinic:—

| Jan. 1st,<br>1945. |     | New<br>Cases. |     | Cases<br>Discharged. |     | Cases on Books<br>31st Dec.,<br>1945. |
|--------------------|-----|---------------|-----|----------------------|-----|---------------------------------------|
| 181                | ... | 190           | ... | 189                  | ... | 182                                   |

338 children were seen by the Orthopædic Surgeon and 599 attendances were made.

#### SPINAL AND OTHER REMEDIAL CLINICS.

|               | 1945              |           |             |     | 1944             |           |             |
|---------------|-------------------|-----------|-------------|-----|------------------|-----------|-------------|
|               | Attend-<br>ances. | Sessions. | Av.<br>att. |     | Attend<br>ances. | Sessions. | Av.<br>att. |
| Spinal ...    | 1,940             | 382       | 5.1         | ... | 1,627            | 328       | 5.0         |
| Massage ...   | 229               | 229       | 1.0         | ... | 165              | 165       | 1.0         |
| Flat Feet ... | 2,476             | 264       | 9.4         | ... | 1,951            | 207       | 9.4         |
| Breathing ... | 3,350             | 288       | 11.6        | ... | 1,257            | 167       | 7.5         |
|               | 7,995             | 1,163     |             |     | 5,000            | 867       |             |

A substantial increase in these treatments has taken place during the year, especially in breathing exercises after operation for removal of enlarged tonsils and adenoids. This is a satisfactory feature showing an appreciation by parents of the value of this post-operation training.



### RHEUMATISM CLINIC.

The total number of children whose names were on the "live" register at the end of 1945 was 179 (males 81, females 98). The working of this Clinic has been greatly interfered with by evacuation, and difficulties arose in renewing contact with returning evacuees. Appointments were made for 47 children, of whom 46 attended. Facilities for special investigations of patients attending the Rheumatism Clinic are available at the Mayday Hospital, and during the year two cases have been referred for further examination where this has been found desirable.

#### Cases Examined at Rheumatism Clinic.

|               | 1942. | 1943. | 1944. | 1945. |
|---------------|-------|-------|-------|-------|
| Primary ...   | 9     | 38    | 9     | 32    |
| Re-exams. ... | 25    | 37    | 7     | 10    |
|               | —     | —     | —     | —     |
|               | 34    | 75    | 16    | 42    |
|               | —     | —     | —     | —     |

#### Primary Cases.

|                   |   |    |   |          |
|-------------------|---|----|---|----------|
| Rheumatic ...     | 5 | 30 | 8 | 24 (75%) |
| Non-Rheumatic ... | 4 | 8  | 1 | 8 (25%)  |
|                   | — | —  | — | —        |
|                   | 9 | 38 | 9 | 32       |
|                   | — | —  | — | —        |

#### Classification of Rheumatic Cases.

|             | Primary. | Re-examinations. |
|-------------|----------|------------------|
| Males ...   | 16       | 2                |
| Females ... | 8        | 8                |
|             | —        | —                |
| Total ...   | 24       | 10               |
|             | —        | —                |

#### Age when examined—

| Ages      | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|-----------|---|---|---|---|---|----|----|----|----|----|----|----|
| Primary   | 2 | 1 | — | — | 2 | 3  | 4  | 6  | 4  | 1  | —  | 1  |
| Re-exams. | — | 2 | 3 | — | 1 | —  | 2  | 1  | —  | 1  | —  | —  |

#### Grouping of Cases (Classification of Dr. R. Miller).

|                    | 1942. | 1943. | 1944. | 1945. |        |
|--------------------|-------|-------|-------|-------|--------|
|                    |       |       |       | Prim. | Re's.  |
| Mild and Potential | 4     | 37    | 10    | 18    | 2      |
| Definitely Active  | —     | 4     | 4     | 5     | 4      |
| Quiescent ...      | 5     | 18    | 1     | 1     | 4      |
|                    |       |       |       |       | Total. |
|                    |       |       |       |       | 20     |
|                    |       |       |       |       | 9      |
|                    |       |       |       |       | 5      |

The Mild and Potential cases include those showing the first initial symptoms of "growing pains" in highly strung children.

The "Definitely Active" group included cases with physical signs of rheumatic fever or chorea.

"Quiescent Cases" are those which at a previous examination had shown signs of mild and potential rheumatism or of active rheumatism but which had now settled down and were no longer active.

#### Primary Examinations.

Amongst the 24 new cases the following Rheumatic manifestations were recorded:—

|  |     |     |     |     |     |    |
|--|-----|-----|-----|-----|-----|----|
| Rheumatic pains                                | ... | ... | ... | ... | ... | 20 |
| Chorea (suspected)                             | ... | ... | ... | ... | ... | 2  |
| Carditis( definite)                            | ... | ... | ... | ... | ... | 4  |
| Carditis (suspected)                           | ... | ... | ... | ... | ... | 3  |
| Tonsillitis and Infected Tonsils               | ... | ... | ... | ... | ... | 5  |
| Sore Throat (but Tonsils and Adenoids removed) | ... | ... | ... | ... | ... | 1  |

#### Family Histories.

Of the new cases, 13 gave a history of rheumatism in the family, 6 being histories of rheumatic fever in parents or brothers and sisters.

#### Nervous Conditions.

Recorded in 22 out of the 24 cases—

|   |     |     |     |     |     |   |
|---|-----|-----|-----|-----|-----|---|
| Highly strung                                     | ... | ... | ... | ... | ... | 6 |
| Headaches   | ... | ... | ... | ... | ... | 3 |
| Night terrors                                     | ... | ... | ... | ... | ... | 1 |
| Enuresis  | ... | ... | ... | ... | ... | 3 |
| Twitchings  | ... | ... | ... | ... | ... | 2 |
| Past history of Chorea or other nervous condition | ... | ... | ... | ... | ... | 3 |
| Minor degrees of nervous disorders                | ... | ... | ... | ... | ... | 4 |

Often a combination of more than one of the above symptoms was manifested.

#### Re-examinations.

Ten children were re-examined: 3 were worse, 2 showed no essential change, 2 were improved, and 3 were quiescent.



## **BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN.**

### **Blind Children.**

3 boys are resident at special schools for the blind. The institutions which these children attend are as follows:—Birmingham Royal Institution, 1 boy; Worcester College, 1 boy; Court Grange, Abbotskerswell, Devon, 1 boy.

### **Deaf Children.**

6 boys and 6 girls are resident at special schools for the deaf. The institutions which these children attend are: Royal School for the Deaf, Margate, 3 boys and 2 girls; Brighton School for Deaf, 1 boy and 3 girls; St. John's Deaf Institution, Yorkshire, 1 boy; Rayner's School, Penn, 1 boy and 1 girl.

### **Epileptic Children.**

One boy is at the Lingfield Epileptic Colony, Surrey.

### **Mentally Defective Children.**

In addition to the day accommodation provided at St. Christopher's School, one girl is resident in the Monyhull Mental Defectives School, Birmingham; one girl at Allerton Priory, Liverpool.

## **ST. CHRISTOPHER'S (M.D.) SPECIAL SCHOOL.**

I am indebted to the Head Teacher, Mr. L. Ramsden, for the following report:—

The year 1945 has seen the end of the world conflagration and we, together with the rest of the educational world, are now viewing our experiences of evacuation and schooling in air-raid shelters as reminiscences.

The year commenced with 83 children on roll and ended with 114; a total increase of 31 children. The Intelligence Quotients of the scholars range from 42 to 86.

Most of the children are unable to read, and in many cases do not know the sound of the letters when they first arrive, but, due to the particularly individual attention, no educable child, who stays until the school leaving age, leaves without acquiring this most necessary knowledge. Several children have left us during the year and returned to the ordinary elementary school.

During the latter months Folk Dancing has been introduced and it is proving very popular under the able tuition of Miss Knight.

The provision of hot mid-day meals gives an opportunity for training in table manners and though, at present, we receive them from another school, we hope to have our own kitchen early in the new year.

There have been several changes in the members of the staff during the year.

Mr. Leonard Ramsden, of the Portland Senior Boys' School, took charge in September.

Mr. Maynard has retired, and Mr. Care has been transferred to the Portland Handicraft Centre.

Miss Knight has taken charge of Class III. Boys, and Mr. Thomas has filled the vacancy in the Handicraft Room.

We look forward to 1946 and hope to record a steady improvement and many successes. The opening of an Occupational Centre for those of I.Q. 50 will relieve all of an arduous burden cheerfully borne, and a corresponding acceleration in progress of those remaining.

#### Physically Defective Children.

In addition to physically defective children accommodated at St. Giles' Day Open-air School, the Education Authority have crippled children in the following special schools: The Heritage Craft School, Chailey, 1 girl; Henwick Hall, 2 boys; St. Martin's Orthopædic, 1 boy; Alexandra Hospital, Luton, 1 girl.

#### Speech Defects Clinic.

|                               |     |     |     |     |
|-------------------------------|-----|-----|-----|-----|
| Total number of cases treated | ... | ... | ... | 115 |
|-------------------------------|-----|-----|-----|-----|

|                  |     |     |    |
|------------------|-----|-----|----|
| „ „ „ discharged | ... | ... | 47 |
|------------------|-----|-----|----|

|                                 |     |     |    |
|---------------------------------|-----|-----|----|
| Number of cases still attending | ... | ... | 68 |
|---------------------------------|-----|-----|----|

|                                 |     |     |    |
|---------------------------------|-----|-----|----|
| Referred for physical treatment | ... | ... | 12 |
|---------------------------------|-----|-----|----|

|                                   |     |     |   |
|-----------------------------------|-----|-----|---|
| Referred to Child Guidance Clinic | ... | ... | 7 |
|-----------------------------------|-----|-----|---|

Number of stammerers treated—

|          |     |     |     |     |     |    |
|----------|-----|-----|-----|-----|-----|----|
| Dyslalia | ... | ... | ... | ... | ... | 44 |
|----------|-----|-----|-----|-----|-----|----|

|          |     |     |     |     |     |    |
|----------|-----|-----|-----|-----|-----|----|
| Agenesis | ... | ... | ... | ... | ... | 13 |
|----------|-----|-----|-----|-----|-----|----|

|                    |     |     |     |     |   |
|--------------------|-----|-----|-----|-----|---|
| Congenital Aphasia | ... | ... | ... | ... | 5 |
|--------------------|-----|-----|-----|-----|---|

|       |     |     |     |     |    |
|-------|-----|-----|-----|-----|----|
| Lisps | ... | ... | ... | ... | 11 |
|-------|-----|-----|-----|-----|----|



### JUVENILE EMPLOYMENT RETURN.

The following numbers of children were examined by the medical officers during 1945 as to their fitness to follow the part-time employment indicated:—

|   | 1945.     | 1944.     | 1943.     | 1942.     | 1941.     |
|---|-----------|-----------|-----------|-----------|-----------|
| Delivery of Goods for Shop-keepers ... .. | 60        | 81        | 80        | 139       | 118       |
| Delivery of Newspapers ...                | 90        | 167       | 139       | 179       | 200       |
| Delivery of Milk ... ..                   | 13        | 17        | 7         | 26        | 8         |
|   | <hr/> 163 | <hr/> 265 | <hr/> 226 | <hr/> 344 | <hr/> 326 |

### THE PROVISION OF MEALS AND MILK AND COD LIVER OIL AND MALT.

Number of children who received, on the recommendation of the School Medical Officer—

|                      | 1945. | Bottles. | 1944. | Bottles. |
|----------------------|-------|----------|-------|----------|
| Free Milk ... ..     | 951   | 229,325  | 894   | 190,807  |
|                      |       | Issues.  |       | Issues.  |
| Free Malt and Oil... | 284   | 38,384   | 59    | 5,032    |

(N.B.—Milk and Malt and Oil are given on the recommendation of the School Medical Officer and are supplied free of cost.)

All the milk supplied is pasteurised milk and the sources of supply are subject to the approval of, and constant supervision of the Medical Officer of Health.

There has been a large increase in the amount of Malt and Oil ordered. This again is partly accounted for by the return of evacuated children. It is also due to anxiety on the part of the medical officers to safeguard the children's health under existing dietary restrictions.

# CHILD GUIDANCE.

## ANALYSIS OF 1945 CASES

| TOTAL NO.<br>OF CASES :<br>107 |    | REFERRED BY |                                 |                    |        | INTELLIGENCE                    |         |     | RESULT          |                     |                               |  |
|--------------------------------|----|-------------|---------------------------------|--------------------|--------|---------------------------------|---------|-----|-----------------|---------------------|-------------------------------|--|
|                                |    | S.M.O.      | Juvenile<br>Court and<br>Police | Education<br>Dept. | Others | High                            | Average | Low | Im-<br>Improved | No Im-<br>provement | Parents<br>unco-<br>operative | Others :<br>Various<br>action or<br>advice |
| MALE ...                       | 67 | 28          | 12                              | 6                  | 21     | 18<br>7 Boys not<br>classified  | 28      | 14  | 21              | 4                   | 3                             | 39   |
| FEMALE...                      | 40 | 24          | 1                               | 1                  | 14     | 10<br>4 Girls not<br>classified | 16      | 10  | 19              | 2                   | 2                             | 17   |



## JUVENILE EMPLOYMENT RETURN.

The following numbers of children were examined by the medical officers during 1945 as to their fitness to follow the part-time employment system.

## NON-MAINTAINED SCHOOLS.

The usual arrangements for the medical inspection of non-maintained school children were continued in 1945; 534 children were examined, 242 boys and 292 girls. Table II. of Appendix B. gives the detailed findings.

Yours faithfully,

OSCAR M. HOLDEN,

*School Medical Officer.*

Free Milk

Free Milk and Oil

(N.B.—Milk and Milk and Oil are given on the recommendation of the School Medical Officer and are supplied free of cost.)

All the milk supplied is pasteurised milk and the sources of supply are subject to the approval of, and constant supervision of the Medical Officer of Health.

There has been a large increase in the amount of Milk and Oil ordered. This again is partly accounted for by the return of evacuated children. It is also due to the anxiety on the part of the medical officers to safeguard the children's health under existing dietary restrictions.

**APPENDIX A.**  
**MEDICAL INSPECTION AND TREATMENT RETURNS.**  
 Year Ended 31st December, 1945.

**TABLE I.**

MEDICAL INSPECTION OF CHILDREN ATTENDING  
 MAINTAINED SCHOOLS.

**A.—Routine Medical Inspections.**

## (1) Number of Inspections :

|                         |       |
|-------------------------|-------|
| Entrants ... ..         | 2,728 |
| Second Age Group ... .. | 2,346 |
| Third Age Group ... ..  | 2,678 |

Total ... .. 7,752

(2) Number of other Routine Inspections ... 62

Grand Total ... 7,814

**B.—Other Inspections.**

## Number of Special Inspections and

Re-Inspections ... .. 13,348

**TABLE II.**

CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED DURING  
 THE YEAR IN THE ROUTINE AGE GROUP.

| Number of<br>Children<br>Inspected | A.<br>(Excellent) |     | B.<br>(Normal) |      | C.<br>(Slightly<br>subnormal) |      | D.<br>(Bad) |     |
|------------------------------------|-------------------|-----|----------------|------|-------------------------------|------|-------------|-----|
|                                    | No.               | %   | No.            | %    | No.                           | %    | No.         | %   |
| 7814                               | 702               | 9.0 | 6210           | 79.4 | 897                           | 11.5 | 5           | 0.1 |

**TABLE III.****GROUP I.—TREATMENT OF MINOR AILMENTS (excluding Uncleanliness).**

Total Number of Defects treated or under treatment during the  
 year under the Authority's Scheme ... .. 2605

**GROUP II.—TREATMENT OF DEFECTIVE VISION AND SQUINT.**

|   | Under the<br>Authority's Scheme |
|---|---------------------------------|
| ERRORS OF REFRACTION (including squint) ... ..                                      | 1153                            |
| Other defect or disease of the eyes (excluding those recorded in<br>Group I) ... .. | —                               |
| TOTAL ... ..  | 1153                            |
| No. of Children for whom spectacles were  |                                 |
| (a) Prescribed ... ..   | 743                             |
| (b) Obtained... ..  | 779                             |



## GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

|  | Under the<br>Authority's Scheme |
|--|---------------------------------|
| Received Operative Treatment ... ..      | 783                             |
| Received other forms of Treatment ... .. | —                               |
| Total number treated ...                 | 783                             |

TABLE IV.—DENTAL INSPECTION AND TREATMENT.

|  |     |     |     |     |     |     |     |     |       |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| (1) Number of children inspected by the Dentist—                   |     |     |     |     |     |     |     |     |       |
| (a) Routine age-groups ... ..                                      | ... | ... | ... | ... | ... | ... | ... | ... | 15735 |
| (b) Specials ... ..  | ... | ... | ... | ... | ... | ... | ... | ... | 1574  |
| (c) TOTAL (Routine and Specials) ... ..                            | ... | ... | ... | ... | ... | ... | ... | ... | 17309 |
| (2) Number found to require treatment ... ..                       |     |     |     |     |     |     |     |     |       |
| (3) Number actually treated ... ..                                 |     |     |     |     |     |     |     |     |       |
| (4) Attendances made by children for treatment ... ..              |     |     |     |     |     |     |     |     |       |
| (5) Half-days devoted to :   |     |     |     |     |     |     |     |     |       |
| Inspection ... ..  | ... | ... | ... | ... | ... | ... | ... | ... | 138   |
| Treatment ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 1616  |
| TOTAL ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 1754  |
| (7) Extractions :  |     |     |     |     |     |     |     |     |       |
| Permanent Teeth ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 1491  |
| Temporary Teeth ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 8474  |
| TOTAL ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 9965  |
| (8) Administrations of general anaesthetics for extractions ... .. |     |     |     |     |     |     |     |     |       |
| (9) Other Operations :   |     |     |     |     |     |     |     |     |       |
| Permanent Teeth ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 6117  |
| Temporary Teeth ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 2444  |
| TOTAL ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 8561  |
| (6) Fillings :   |     |     |     |     |     |     |     |     |       |
| Permanent Teeth ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 5674  |
| Temporary Teeth ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 2338  |
| TOTAL ... ..   | ... | ... | ... | ... | ... | ... | ... | ... | 8512  |

TABLE V.—VERMINOUS CONDITIONS.

|  |       |
|--|-------|
| (i) Average number of visits per school made during the year by the School Nurses or other authorised persons ... .. | 9     |
| (ii) Total number of examinations of children in the Schools by School Nurses or other authorised persons ... ..     | 50198 |
| (iii) Number of individual children found unclean ... ..   | 1223  |

TABLE VI.—BLIND AND DEAF CHILDREN.

Number of totally or almost totally blind and deaf children who are *not* at the present time receiving education suitable for their special needs. The return should relate to all such children including evacuees resident in the Authority's area.

|                   | 1.<br>At a Public<br>Elementary School | 2.<br>At an institution<br>other than a<br>Special School | 3.<br>At no School<br>or Institution |
|-------------------|--|---|--------------------------------------|
| Blind Children... | Nil                                    | Nil   | Nil                                  |
| Deaf Children ... | Nil                                    | Nil   | Nil                                  |

TABLE VII.—SCHOOL MEDICAL AND DENTAL STAFF.

| NAME OF OFFICER.   | Proportion of whole time devoted to |                        |
|--|-------------------------------------|------------------------|
|  | School Health Service.              | Public Health Service. |
| S.M.O.—Holden, Oscar M., G.M., M.D., D.P.H. ... ..   | 20%                                 | 80%                    |
| D.S.M.O.'s (Temp.)   |                                     |                        |
| Fleming, Gerald Morris, M.A., M.B. B.Ch., D.P.H. ...   | 7/11                                | 4/11                   |
| Nicol, Chas. G., M.B., B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H. ... ..   | (On active service).                |                        |
|  | 7/11                                | 4/11                   |
| A.S.M.O.'s—  |                                     |                        |
| Hobbin, Gordon Marnoch, M.B., Ch.B., D.P.H....   | 7/11                                | 4/11                   |
|  | (On active service.)                |                        |
| Jenkin-Lloyd, Iris A., M.R.C.S., L.R.C.P., D.P.H. ...  | 2/11                                | 9/11                   |
| Morrison, Rosa, M.B., Ch.B., D.P.H. ... ..   | 5/11                                | 6/11                   |
| Hegarty, Ellen Mackenzie, M.B., Ch.B., D.P.H....   | 4/11                                | 7/11                   |
| Collett, Suzanne, L.R.C.P., L.R.C.S., L.R.F.P.S. ...   | 4/11                                | 7/11                   |
| Temporary Part-time Assistant A.S.M.O.'s—  |                                     |                        |
| Vost, Katalen, M.B., B.S., D.P.H., M.R.C.S., L.R.C.P.  | 1/11                                | 2/11                   |
| Archer, Marjorie G., M.R.C.S., L.R.C.P. ... ..   | 2/11                                | 3/11                   |
| Specialist Part-time Medical Officers.   |                                     |                        |
| Bookless, J. S., F.R.C.S. (Ophthalmic Surgeon) ...   |                                     |                        |
| Rota of Two Local Medical Practitioners for surgical treatment of tonsils and adenoids.  |                                     |                        |
| In addition there is a Consulting Physician, a Consulting Surgeon, a Consulting Laryngologist and Otolologist, a Consulting Orthopaedic Surgeon, and a Consulting Pathologist, who are classified as Consultants to the Public Health Department and whose services are available for school medical cases if the need arises. |                                     |                        |
| Senior Dental Officer—Oliver, Percy Gerrard, L.D.S. ...  | 10/11                               | 1/11                   |
| Other Dental Officers—   |                                     |                        |
| Bryce, J. K. R., L.D.S. ... ..   | 11/11                               | —                      |
| Hills, W. A. S., L.D.S. ... ..   |                                     |                        |
| Urbani, C. P., L.D.S. ... ..   |                                     |                        |
| Rosenblum, Sarah, L.D.S., R.C.S. (Eng.), Dental Surgical Degree (Warsaw). (Temporary) ... ..   |                                     |                        |

## SCHOOL NURSING STAFF (excluding Specialist Nurses such as Orthopaedic Nurses).

|                           | Number of Officers. | Aggregate of time given to S.M.S. work in terms of whole time Officers. |
|---------------------------|---------------------|---|
| School Nurses ... ..      | 25                  | 5/11  |
| District Nurses ... ..    | —                   | —   |
| Nursing Assistants ... .. | —                   | —   |
| Dental Attendants ... ..  | 5                   | 11/11   |



## APPENDIX B.

## NON-MAINTAINED SCHOOLS.

Year ended 31st December, 1945.

TABLE I.

## RETURN OF MEDICAL INSPECTIONS.

## A.—Routine Medical Inspections.

|                        | Year 1945. | Year 1944. |
|------------------------|------------|------------|
| Age 11 or under ... .. | 113        | 244        |
| 12 ... ..              | 99         | 195        |
| 13 ... ..              | 69         | 263        |
| 14 ... ..              | 91         | 284        |
| 15 ... ..              | 119        | 222        |
| 16 ... ..              | 42         | 175        |
| 17 ... ..              | —          | 46         |
| 18 or over ... ..      | 1          | 3          |
| Total ... ..           | 534        | 1,432      |

## B.—Other Inspections.

|   | Year 1945. | Year 1944. |
|---|------------|------------|
| Number of Special Inspections ... ..    | 2          | 11         |
| Number of Re-inspections ... ..         | 193        | 170        |
| Total ... ..                            | 195        | 181        |
| Visits to Non-maintained Schools ... .. | 28         | 67         |

TABLE II.—A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31ST DECEMBER, 1945.

| DEFECT OR DISEASE.                         | ROUTINE INSPECTIONS.<br>Number of defects. |   | SPECIAL INSPECTIONS<br>Number of defects. |  |
|--|--|---|---|--|
| (1)  | Requiring<br>treatment.                    | Requiring<br>to be kept<br>under<br>observation<br>but not<br>requiring<br>treatment. | Requiring<br>treatment.                   | Requiring<br>to be kept<br>under<br>observation<br>but not<br>requiring<br>treatment |
| (1)  | (2)  | (3)   | (4)                                       | (5)  |
| Malnutrition ... ..                        | 3  | ...   | ...                                       | ...  |
| Uncleanliness. (See Table IV.—Group V.)    |  |   |   |  |
| SKIN—                                      |  |   |   |  |
| Ringworm : Scalp ... ..                    | ...  | ...   | ...                                       | ...  |
| Body ... ..                                | ...  | ...   | ...                                       | ...  |
| Scabies ... ..                             | 1  | ...   | ...                                       | ...  |
| Impetigo ... ..                            | ...  | ...   | ...                                       | ...  |
| Other diseases (non-tuberculous) ... ..    | 3  | ...   | ...                                       | ...  |
| EYE—                                       |  |   |   |  |
| Blepharitis ... ..                         | 2  | ...   | ...                                       | ...  |
| Conjunctivitis ... ..                      | ...  | ...   | ...                                       | ...  |
| Keratitis ... ..                           | ...  | ...   | ...                                       | ...  |
| Corneal opacities ... ..                   | ...  | ...   | ...                                       | ...  |
| Defective vision (excluding squint) ... .. | 30   | 10  | ...                                       | ...  |
| Squint ... ..                              | 1  | 2   | ...                                       | ...  |
| Other conditions ... ..                    | ...  | ...   | ...                                       | ...  |
| EAR—                                       |  |   |   |  |
| Defective hearing ... ..                   | 1  | 1   | ...                                       | ...  |
| Otitis media ... ..                        | ...  | ...   | ...                                       | ...  |
| Other ear diseases ... ..                  | ...  | 1   | ...                                       | ...  |
| NOSE AND THROAT—                           |  |   |   |  |
| Enlarged tonsils only ... ..               | 5  | 16  | ...                                       | ...  |
| Adenoids only ... ..                       | ...  | ...   | ...                                       | ...  |
| Enlarged tonsils and adenoids ... ..       | 1  | 3   | ...                                       | ...  |
| Other conditions ... ..                    | 3  | 1   | ...                                       | ...  |
| ENLARGED CERVICAL GLANDS (Non-Tuberculous) | ...  | ...   | ...                                       | ...  |
| DEFECTIVE SPEECH ... ..                    | ...  | ...   | ...                                       | ...  |
| TEETH—DENTAL DISEASE ... ..                | 24   | ...   | ...                                       | ...  |
| HEART AND CIRCULATION—                     |  |   |   |  |
| Heart Disease—                             |  |   |   |  |
| Organic ... ..                             | ...  | 4   | ...                                       | ...  |
| Functional ... ..                          | 2  | 6   | ...                                       | ...  |
| Anaemia ... ..                             | 1  | ...   | ...                                       | ...  |
| LUNGS—                                     |  |   |   |  |
| Bronchitis ... ..                          | 3  | 1   | ...                                       | ...  |
| Other non-tuberculous diseases ... ..      | 1  | 5   | ...                                       | ...  |
| TUBERCULOSIS—                              |  |   |   |  |
| Pulmonary—                                 |  |   |   |  |
| Definite ... ..                            | ...  | ...   | ...                                       | ...  |
| Suspected ... ..                           | ...  | ...   | ...                                       | ...  |
| Non-pulmonary—                             |  |   |   |  |
| Glands ... ..                              | ...  | ...   | ...                                       | ...  |
| Spine ... ..                               | ...  | ...   | ...                                       | ...  |
| Hip ... ..                                 | ...  | ...   | ...                                       | ...  |
| Other bones and joints ... ..              | ...  | ...   | ...                                       | ...  |
| Skin ... ..                                | ...  | ...   | ...                                       | ...  |
| Other forms ... ..                         | ...  | ...   | ...                                       | ...  |
| NERVOUS SYSTEM—                            |  |   |   |  |
| Epilepsy ... ..                            | ...  | ...   | ...                                       | ...  |
| Chorea ... ..                              | ...  | ...   | ...                                       | ...  |
| Other conditions ... ..                    | ...  | ...   | ...                                       | ...  |
| DEFORMITIES—                               |  |   |   |  |
| Rickets ... ..                             | ...  | ...   | ...                                       | ...  |
| Spinal curvature ... ..                    | 4  | 1   | ...                                       | ...  |
| Other forms ... ..                         | 4  | 2   | ...                                       | ...  |
| OTHER DEFECTS AND DISEASES ... ..          | 1  | 2   | ...                                       | ...  |



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