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BOROUGH OF NELSON.

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# ANNUAL REPORT

OF THE

Medical Officer of Health

AND

School Medical Officer

FOR 1925.

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R. G. MARKHAM, M.B., D.P.H.,

Medical Officer of Health  
and School Medical Officer.





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BOROUGH OF NELSON.

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# REPORT

OF THE

Medical Officer of Health

FOR 1925.

R. G. MARKHAM, M.B., D.P.H.,

Medical Officer of Health.

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NELSON :

COULTON & CO., LTD., STANLEY STREET & EVERY STREET,

1926.

# Borough of Nelson.

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## HEALTH COMMITTEE.

COUNCILLOR A. SMITH, Chairman.

THE MAYOR (COUNCILLOR J. H. S. AITKEN).

ALDERMAN E. BOOTHMAN.

„ W. FELL.

„ W. E. RILEY.

COUNCILLOR J. DAVIES.

„ R. DUCKWORTH.

„ R. JOHNSON.

„ E. E. PEMBERTON.

„ C. REED.

„ J. ROBINSON.

„ H. W. THROUP.

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## Officers of the Public Health Department.

Medical Officer of Health ..... R. G. MARKHAM, M.B., D.P.H.  
 Chief Sanitary Inspector ..... MR. J. W. INGHAM.  
 Assistant Inspector ..... MR. S. GRINDROD.  
 Chief Clerk ..... MR. S. HAYDOCK.  
 Senior Health Visitor ..... MISS B. E. EDMONDSON, L.O.S.  
 Second Health Visitor ..... MRS. B. WILKINSON, C.M.B.  
 Matron, Maternity Home ..... MRS. H. S. MORRIS, C.M.B.

## LIST OF LOCAL AND ADOPTIVE SANITARY ACTS ADMINISTERED BY THE COUNCIL.

- Nelson Water and Gas Act, 1866.  
 Nelson Local Board Act, 1879.  
 Nelson Improvement Act, 1886.  
 Nelson Local Board Act, 1888.  
 Nelson Corporation Act, 1903.  
 Nelson Provisional Orders, 1871, 1873, 1876, 1890, 1895, 1897,  
 1899, 1904.  
 Borough of Nelson (Extension) Order, 1897.  
 The Infectious Disease (Notification) Act, 1889.  
 The Public Health Acts Amendment Act, 1890, adopted 1891.  
 The Infectious Disease (Prevention) Act, 1890, adopted 1896.  
 The Notification of Births Act, 1907, adopted 1911.  
 The Public Health Acts Amendment Act, 1907, parts adopted  
 1912.  
 The Nelson Corporation Act, 1921.

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## LIST OF BYELAWS RELATING TO SANITARY MATTERS IN FORCE IN THE BOROUGH.

### Date of Adoption.

- 1890—Common Lodging Houses.  
 1897—New Streets and Buildings.  
 1897—Offensive Trades:—  
     Blood Boiler.  
     Blood Drier.  
     Bone Boiler.  
     Fellmonger.  
     Tanner.  
     Leather Dresser.  
     Soap Boiler.  
     Tallow Melter.  
     Fat Melter.  
     Tripe Boiler.  
     Glue Maker.  
     Size Maker.  
     Gut Scraper.  
 1897—Nuisances.  
 1897 & 1907—Slaughter Houses.  
 1911—Dairies, Cowsheds and Milkshops Regulations  
 1912—Sanitary Conveniences.

# Statistical Summary.

1925.

Area—3,466 acres.

|                                                        |        |
|--------------------------------------------------------|--------|
| Population—Census, 1921 .....                          | 40,690 |
| ,, For Birth Rate .....                                | 39,990 |
| ,, For Death Rate .....                                | 39,990 |
| Inhabited Houses—Census, 1921 .....                    | 9,973  |
| Registered Births—Males, Legitimate .....              | 219    |
| ,,         ,,         ,, Illegitimate .....            | 5      |
| ,,         ,, Females, Legitimate .....                | 237    |
| ,,         ,,         ,, Illegitimate .....            | 11     |
| Total .....                                            | 472    |
| Birth Rate per 1,000 of population .....               | 11.8   |
| ,,         ,,         ,, Illegitimate .....            | 0.40   |
| Deaths Registered .....                                | 478    |
| Death Rate per 1,000 of population corrected .....     | 11.9   |
| Deaths from principal Zymotic Diseases .....           | 20     |
| Zymotic Death Rate per 1,000 of population .....       | 0.50   |
| Deaths of Infants under 1 year:—                       |        |
| Legitimate .....                                       | 33     |
| Illegitimate .....                                     | 4      |
| Total .....                                            | 37     |
| Infantile Death Rate per 1,000 Births .....            | 78     |
| ,,         ,,         ,,         ,, Legitimate .....   | 72     |
| ,,         ,,         ,,         ,, Illegitimate ..... | 250    |
| Premature Births .....                                 | 7      |
| Violent Deaths and Suicides .....                      | 10     |
| Total .....                                            | 17     |
| Rate of above per 1,000 of population .....            | 0.42   |
| Number of persons per house (Census 1921) .....        | 4.99   |
| Number of persons per acre, Census 1921 .....          | 11.5   |
| Excess of Deaths over Births .....                     | 6      |

NELSON,  
APRIL, 1926.

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

GENTLEMEN,

I have pleasure in submitting my Report on the Health and Sanitary Condition of the Borough for the year ended 31st December, 1925.

In accordance with the request from the Ministry of Health that the Report for the year should be a "Survey Report," I have arranged this report to be in agreement with the suggestions made.

It will be noticed that the number of Births registered again shows a decline on the previous year, the birth rate consequently being reduced from 11.9 per 1,000 of population in 1924 to 11.8 per 1,000 of population for last year. For comparison the Birth Rate per 1,000 of population last year, as worked out for the whole of England and Wales, was 18.3. The average Birth Rate for 105 County Boroughs and Great Towns, including London, was 18.8, and the average for 157 smaller towns, with populations ranging from 20,000 to 50,000, was 18.3.

The number of deaths registered during the year, after correction was 478, a decrease of 58 on last year's total, the rate per 1,000 of population being reduced from 13.3 in 1924 to 11.9 in 1925. Decreases are noticed mainly in the number of deaths from Influenza (41 to 9) and Bronchitis (60 to 39). An epidemic of Influenza was prevalent during the second quarter of the year, and though not attended with the fatal results as shown in previous epidemics, its effect was shown by the prevalence of follicular tonsilitis, particularly amongst school children, during this period.

During the year the number of deaths exceeded the registered births by 6.

The figure supplied by the Registrar General representing the number of population, on which the Birth and Death Rates are worked out, is 39,990. This represents a reduction of 230 in the population as shown by last year's figure, and a reduction of 700 on the figure arrived at by the Census of 1921.

In the Memorandum issued from the General Register Office, it states relative to the figures supplied representing the population:—The estimates of population as at 30th June, 1925, which are now provided have been based on the adjusted 1921 figures after allowance for the varying rates of natural increase as evidenced by the births and deaths in each area, and of migration, as indicated from other sources of information, such as the change in the number on the Electoral Register and the migration returns obtained by the Board of Trade, and are supplied only for use in Vital Statistics.

The Infantile Mortality Rate has increased from 72 per 1,000 Births in 1924 to 78 per 1,000 Births last year. The actual number of Infant Deaths was 37, and of these 11 occurred in the first week after birth. The Infantile Mortality Rate for England and Wales for last year is 75.

The total number of infectious diseases notified shows an increase on last year, the numbers being 163 in 1924 and 200 in 1925. There have been 34 more cases of Scarlet Fever notified than was the case in 1924, but at no time during the year did the disease assume epidemic form. Diphtheria cases show an increase of 6 notifications, but the total for the year (16) is well below the average number per year for the last 10 years, viz.: 26.3. As Measles, Chickenpox and Whooping Cough are not notifiable in this Borough, the actual number of cases of these diseases that have occurred during the year cannot be ascertained. Measles and Whooping Cough were prevalent during the early months, and a mild outbreak of Chickenpox occurred in the last quarter of the year, though at no time did any severe epidemic occur.

18 deaths occurred from infectious diseases during the year, there being 6 deaths from Measles, 2 from Scarlet Fever, 2 from Diphtheria and 8 from Whooping Cough.

A Health Week was arranged for the week commencing Sunday, June 7th, and continuing until Saturday, June 13th. The arrangements included an Exhibition illustrating in a practical manner various phases of Public Health activities, Lectures on Health Subjects illustrated by cinematograph films, Playlets by school children and other demonstrations. The Exhibition, which was open for public inspection during the afternoons and evenings from Tuesday to Saturday of this week, consisted of (1) the travelling exhibition arranged by the Central Council for Infant and Child Welfare, (2) An exhibit by the National Milk Publicity Council, (3) an exhibit arranged by the staff of, and illustrative of the work of the Public Health Department, (4) an exhibit arranged by the Cleansing Department, (5) an exhibit arranged by the Water Department, (6) exhibitions arranged by the Gas and Electricity Departments, and (7) a special exhibition, arranged by the Gas Department, illustrative of coal products and its bearing on the smoke question. On three mornings during the week arrangements were made for the older children from the Elementary Schools to visit the Exhibition. A Synopsis of the arrangements made for the week is as follows:—

Sunday.—Meeting in Grand Cinema Theatre, Speaker Miss Tipper. Health Films shown.

Monday.—Demonstrations at the Public Baths.

Tuesday.—Opening of Exhibition. Playlet by children from Whitefield School. Lecture on "Our Teeth" (Lecturer, Mr. T. Jackson, School Dentist) illustrated by Films. Demonstration by members of St. John Ambulance Brigade, Nelson Corps.

Wednesday.—Demonstration at Public Baths. Playlet by children from Bradley School. Lecture entitled "Healthy Recreation" (Lecturer, Miss Tipper) illustrated by Films. Demonstration by members of the Carr Road Wesleyan Gymnasium Club.

Thursday.—Playlet by children from St. John's School. Lecture on the use and necessity of clean milk (Lecturer, Miss Davidson), illustrated by Films. Demonstration by members of the St. John Ambulance Brigade, Nelson Nursing Division.

Friday.—Playlet by children from Leeds Road School. Lecture on Tuberculosis (Lecturer, Dr. J. Logan Stewart), illustrated by Films.

Saturday.—The Exhibition was closed at 5 o'clock. It was arranged, however, to have a repeat performance of the four playlets which had previously been given by the school children.

It was estimated that the total attendances at the Exhibition, Lectures, Playlets, &c., including the visits of the school children during the mornings, was just over 10,000.

Owing to a case of Scarlet Fever being reported at the Maternity Home on March 28th, it was decided to close the Home. At that time seven patients were in residence, but no further case developed. The particular patient had been in residence 11 days when the disease developed, and she was immediately removed to the Isolation Hospital at Catlow. It was necessary to inform 21 expectant mothers who had intended going into the Home, that the Home was to be closed, therefore other arrangements should be made. After the last patient was discharged on April 8th, the whole of the premises and building were disinfected, and opportunity was taken whilst the Home was closed to have certain renovations carried out. The Home was re-opened for the admission of patients on 1st May.

The question of the provision of Public Abattoirs has again been deferred to some future period. After considering the question and preparing a scheme for sanction by the Ministry of Health, it was ultimately decided, for financial reasons, that the time was not opportune to proceed with the work.

# I.—NATURAL AND SOCIAL CONDITIONS OF THE AREA.

|                               |              |
|-------------------------------|--------------|
| Area in Acres .....           | 3,466 acres. |
| Population, Census 1921 ..... | 40,690       |
| ,, Estimated 1925 .....       | 39,990       |

## PHYSICAL FEATURES AND GENERAL CHARACTER OF THE AREA.

|                                                         |               |
|---------------------------------------------------------|---------------|
| Ordinance level, lowest point .....                     | 350 feet.     |
| ,, highest point .....                                  | 1,100 feet.   |
| ,, Centre of town .....                                 | 458 feet.     |
| Drainage of Surface Water—Natural, chiefly to Walverden |               |
| Stream and Pendle Water.                                |               |
| Subsoil—Clay, with understratum of sandstone and        |               |
| outcroppings of coal.                                   |               |
| Rainfall .....                                          | Rather Heavy. |

## RAINFALL DURING THE YEAR 1925.

| Month           | Ogden<br>No. 1 | Coldwell |       | Victoria<br>Park |
|-----------------|----------------|----------|-------|------------------|
|                 |                | No. 1    | No. 2 |                  |
| January .....   | 4.38           | 3.57     | 4.42  | 4.17             |
| February .....  | 7.71           | 6.73     | 8.52  | 7.59             |
| March .....     | 1.81           | 1.82     | 2.02  | 2.08             |
| April .....     | 3.03           | 3.11     | 3.50  | 3.34             |
| May .....       | 4.47           | 4.36     | 4.97  | 4.19             |
| June .....      | .12            | .07      | .10   | .07              |
| July .....      | 2.84           | 1.79     | 1.89  | 2.17             |
| August .....    | 5.55           | 5.20     | 5.64  | 5.16             |
| September ..... | 4.16           | 3.42     | 3.92  | 3.61             |
| October .....   | 5.72           | 4.84     | 6.05  | 5.25             |
| November .....  | 2.54           | 2.77     | 2.85  | 2.84             |
| December .....  | 4.58           | 4.43     | 2.87  | 5.28             |
|                 | 46.91          | 42.11    | 48.75 | 45.75            |

## RAINFALL FOR FIVE PREVIOUS YEARS.

|               | Ogden<br>Inches |       | Coldwell<br>Inches |       | Victoria Park<br>Inches |
|---------------|-----------------|-------|--------------------|-------|-------------------------|
| 1920 .....    | 47.43           | ..... | 42.76              | ..... | 46.83                   |
| 1921 .....    | 48.90           | ..... | 39.28              | ..... | 43.42                   |
| 1922 .....    | 48.95           | ..... | 44.91              | ..... | 44.63                   |
| 1923 .....    | 67.86           | ..... | 56.61              | ..... | 61.96                   |
| 1924 .....    | 54.83           | ..... | 45.89              | ..... | 47.14                   |
| Average ..... | 53.59           |       | 45.87              |       | 48.79                   |

|                                                       |           |
|-------------------------------------------------------|-----------|
| Number of inhabited houses, Census 1921 .....         | 9,973     |
| „ „ families or separate occupiers, Census 1921 ..... | 10,115    |
| „ „ persons per house, Census 1921 .....              | 4.99      |
| „ „ persons per acre, Census 1921 .....               | 11.5      |
| Rateable Value .....                                  | £267,482  |
| Sum represented by a penny rate .....                 | £1100.373 |

#### SOCIAL CONDITIONS, INCLUDING THE CHIEF OCCUPATIONS OF THE INHABITANTS.

The social condition of the population may be classed as normally fairly well-to-do artisan. The chief occupations are cotton weaving and the various branches of the work directly connected with the weaving trade.

From the figures available by means of the records kept at the Public Health Office, and also by comparison with the figures available from other districts, there does not appear to be any particular instance of the general health of the public being influenced by reason of occupation.

#### POOR LAW RELIEF.

This is not excessive, particularly in normal times. The state of the trade so far as the staple industry is concerned has fluctuated considerably, with periods of improvement and depression, and the amount of relief has varied accordingly.

The district is provided for as regards general hospital accommodation by an Orthopædic Hospital in the Borough and also a general hospital in the adjoining area. There is no indication that the hospitals are not utilised by those for whom hospital treatment is necessary.

There has not been brought to my notice any particular sickness or invalidity which could be attributed to a specific cause either of occupation or environment.

## II.—VITAL STATISTICS.

|                                                            | Birth<br>Rate | Death<br>Rate | Phthisis<br>Death<br>Rate | Rate of Deaths<br>under 1 year<br>to 1000<br>births. |
|------------------------------------------------------------|---------------|---------------|---------------------------|------------------------------------------------------|
| 1924 .....                                                 | 11.9          | 13.3          | .59                       | 72                                                   |
| 1925 .....                                                 | 11.8          | 11.9          | .57                       | 78                                                   |
| Mean of 10 years,<br>1915-1924 .....                       | 12.9          | 11.8          | .65                       | 88                                                   |
| Increase or de-<br>crease in 1925 on<br>previous year .... | —0.1          | —1.4          | — .02                     | + 6                                                  |
| Increase or de-<br>crease in 1925 on<br>10 years average   | —1.1          | + 0.1         | — .08                     | —10                                                  |

### MEAN RATES FOR PERIODS OF FIVE YEARS.

|                                                                       | Birth<br>Rate. | Death<br>Rate. | Death Rate from<br>Tuberculosis of<br>Respiratory<br>System. | Rate of Deaths<br>under 1 year<br>to 1,000<br>Births. |
|-----------------------------------------------------------------------|----------------|----------------|--------------------------------------------------------------|-------------------------------------------------------|
| 1895-1899 .....                                                       | 27.3           | 13.7           | 0.80                                                         | 161                                                   |
| 1900-1904 .....                                                       | 22.6           | 12.3           | 0.73                                                         | 135                                                   |
| 1905-1909 .....                                                       | 19.7           | 10.5           | 0.77                                                         | 109                                                   |
| 1910-1914 .....                                                       | 17.0           | 11.1           | 0.68                                                         | 99                                                    |
| 1915-1919 .....                                                       | 11.7           | 12.2           | 0.76                                                         | 98                                                    |
| 1920-1924 .....                                                       | 14.2           | 11.4           | 0.55                                                         | 78                                                    |
| Increase or de-<br>crease in 1925<br>on mean of 5<br>years, 1920-1924 | —2.4           | + 0.5          | + 0.02                                                       | Nil                                                   |

In the Memorandum issued from the General Register Office it states that standardizing factors for correcting the Death Rate have been calculated for each urban and rural district with a population of 10,000 or over at the last Census. The factor for this district is 1.092. The corrected standardized death rate for the area, therefore, is given as 13.0 per 1,000 of population.

## BIRTHS (figures supplied by Registrar General).

|                                                     |                |
|-----------------------------------------------------|----------------|
| Total Number of Registered Births .....             | 472            |
| "    "    "    "    Males .....                     | 224            |
| "    "    "    "    Females .....                   | 248            |
| Legitimate Births, Males .....                      | 219            |
| "    Females .....                                  | 237            |
| Illegitimate Births, Males .....                    | 5              |
| "    Females .....                                  | 11             |
| Birth Rate, calculated on a population of 39,990 .. | 11.8 per 1,000 |

MONTHLY ANALYSIS OF BIRTHS IN WARDS, 1925.  
NOTIFIED.

| Month           | Bradley | Central | Netherfield | Maternity<br>Home (Out<br>of Borough) | Southfield | Walverden | Whitefield | Total |
|-----------------|---------|---------|-------------|---------------------------------------|------------|-----------|------------|-------|
| January .....   | 6       | 3       | 5           | 3                                     | 8          | 13        | 3          | 41    |
| February .....  | 4       | 6       | 6           | 2                                     | 12         | 9         | —          | 39    |
| March .....     | 5       | 1       | 10          | 2                                     | 9          | 14        | 7          | 48    |
| April .....     | 5       | 2       | 10          | —                                     | 7          | 14        | 5          | 43    |
| May .....       | 7       | 4       | 2           | 3                                     | 7          | 13        | 7          | 43    |
| June .....      | 2       | 3       | 6           | 4                                     | 7          | 12        | 4          | 38    |
| July .....      | 6       | 2       | —           | 4                                     | 13         | 21        | 6          | 52    |
| August .....    | 4       | 4       | 6           | 3                                     | 13         | 15        | 5          | 50    |
| September ..... | 6       | 2       | 6           | 4                                     | 12         | 6         | 1          | 37    |
| October .....   | 8       | 4       | 6           | —                                     | 7          | 16        | 2          | 43    |
| November .....  | 6       | 6       | 5           | 1                                     | 8          | 7         | 3          | 36    |
| December .....  | 6       | 5       | 13          | 3                                     | 4          | 11        | 4          | 46    |
| Total.....      | 65      | 42      | 75<br>104   | 29                                    | 107        | 151       | 47         | 516   |

29 Births have occurred at Fern Lea Maternity Home where the mothers were not resident in the Borough. Other births at Fern Lea are allocated to the ward of the Borough in which the parents reside.

## DEATHS.

|                                                                      |                |
|----------------------------------------------------------------------|----------------|
| Total number of Deaths in district .....                             | 408            |
| Number of Deaths of non-residents .....                              | 20             |
| Number of Deaths of residents occurring outside the<br>Borough ..... | 90             |
| Total Nett Deaths for the year .....                                 | 478            |
| Death Rate calculated on population of 39,990 ...                    | 11.9 per 1,000 |
| Decrease on last year .....                                          | 1.4            |
| Excess of Deaths over Births .....                                   | 6              |
| Excess of Deaths over Births last year .....                         | 54             |

## CAUSES OF DEATHS.

| ALL CAUSES. |                                    |     |     | Males 231 |                                                                 | Females 247 |     |
|-------------|------------------------------------|-----|-----|-----------|-----------------------------------------------------------------|-------------|-----|
|             |                                    | M.  | F.  |           |                                                                 | M.          | F.  |
| 1           | Enteric Fever .....                | ... | ... | 17        | Arterio-Sclerosis ...                                           | 13          | 7   |
| 2           | Smallpox .....                     | ... | ... | 18        | Bronchitis .....                                                | 18          | 21  |
| 3           | Measles ... ..                     | 5   | 1   | 19        | Pneumonia <i>all forms</i>                                      | 13          | 16  |
| 4           | Scarlet Fever .....                | 2   | ... | 20        | Other Respiratory Diseases .....                                | 1           | 5   |
| 5           | Whooping Cough ...                 | 3   | 5   | 21        | Ulcer of Stomach or Duodenum ...                                | 2           | 2   |
| 6           | Diphtheria .....                   | 2   | ... | 22        | Diarrhoea, &c. (under 2 years) ...                              | 1           | 1   |
| 7           | Influenza .....                    | 4   | 5   | 23        | Appendicitis and Typhlitis .....                                | ...         | 1   |
| 8           | Encephalitis Lethargica .....      | ... | 1   | 24        | Cirrhosis of Liver...                                           | ...         | ... |
| 9           | Meningococcal Meningitis .....     | ... | ... | 25        | Acute and Chronic Nephritis .....                               | 5           | 11  |
| 10          | Tuberculosis of Respiratory System | 15  | 8   | 26        | Puerperal Sepsis ...                                            | ...         | 1   |
| 11          | Other Tubercular Diseases .....    | 5   | 3   | 27        | Other accidents and diseases of Pregnancy and Parturition ..... | ...         | 6   |
| 12          | Cancer, Malignant Disease .....    | 29  | 31  | 28        | Congenital Debility and Malformation Premature Birth            | 5           | 6   |
| 13          | Rheumatic Fever                    | 2   | 4   | 29        | Suicides .....                                                  | 4           | ... |
| 14          | Diabetes .....                     | 3   | 2   | 30        | Other deaths from Violence .....                                | 5           | 1   |
| 15          | Cerebral Hæmorrhage, &c.....       | 13  | 23  | 31        | Other defined Diseases .....                                    | 42          | 47  |
| 16          | Heart Disease .....                | 37  | 37  | 32        | Causes ill-defined or unknown .....                             | 2           | 2   |

## COMPARISON OF DEATHS IN 1925 WITH DEATHS IN 1924.

| Month.          | Total Number of Deaths |      | Increase on |     | Decrease on |  |
|-----------------|------------------------|------|-------------|-----|-------------|--|
|                 | 1925                   | 1924 | last year.  |     | last year   |  |
| January .....   | 47                     | 41   | 6           | ... | —           |  |
| February .....  | 39                     | 44   | —           | ... | 5           |  |
| March .....     | 36                     | 102  | —           | ... | 66          |  |
| April .....     | 28                     | 44   | —           | ... | 16          |  |
| May .....       | 41                     | 43   | —           | ... | 2           |  |
| June .....      | 25                     | 25   | —           | ... | —           |  |
| July .....      | 35                     | 33   | 2           | ... | —           |  |
| August .....    | 30                     | 31   | —           | ... | 1           |  |
| September ..... | 25                     | 29   | —           | ... | 4           |  |
| October .....   | 26                     | 26   | —           | ... | —           |  |
| November .....  | 36                     | 37   | —           | ... | 1           |  |
| December .....  | 40                     | 22   | 18          | ... | —           |  |

| Cause of Death.                            | No. of Deaths |         | Increase for |     | Decrease for |  |
|--------------------------------------------|---------------|---------|--------------|-----|--------------|--|
|                                            | in 1924       | in 1925 | Year         |     | Year         |  |
| Enteric Fever .....                        | —             | —       | —            | ... | —            |  |
| Smallpox .....                             | —             | —       | —            | ... | —            |  |
| Measles .....                              | —             | 6       | 6            | ... | —            |  |
| Scarlet Fever .....                        | 1             | 2       | 1            | ... | —            |  |
| Whooping Cough .....                       | 4             | 8       | 4            | ... | —            |  |
| Diphtheria .....                           | 2             | 2       | —            | ... | —            |  |
| Influenza .....                            | 41            | 9       | —            | ... | 32           |  |
| Encephalitis Lethargica ..                 | 5             | 1       | —            | ... | 4            |  |
| Meningococcal Meningitis                   | —             | —       | —            | ... | —            |  |
| Tuberculosis of Respirat'y<br>System ..... | 24            | 23      | —            | ... | 1            |  |
| Other Tubercular diseases                  | 9             | 8       | —            | ... | 1            |  |
| Cancer, Malign't Disease                   | 53            | 60      | 7            | ... | —            |  |
| Rheumatic Fever .....                      | 4             | 6       | 2            | ... | —            |  |
| Diabetes .....                             | 10            | 5       | —            | ... | 5            |  |
| Cerebral Hæmorrhage ...                    | 49            | 36      | —            | ... | 13           |  |
| Heart Disease .....                        | 71            | 74      | 3            | ... | —            |  |
| Arterio Sclerosis .....                    | 17            | 20      | 3            | ... | —            |  |
| Bronchitis .....                           | 60            | 39      | —            | ... | 21           |  |
| Pneumonia, all forms ...                   | 26            | 29      | 3            | ... | —            |  |
| Other Respirat'y Diseases                  | 5             | 6       | 1            | ... | —            |  |
| Ulcer of Stomach or Duo-<br>denum .....    | 5             | 4       | —            | ... | 1            |  |

| Cause of Death.                                                      | No. of<br>Deaths<br>in 1924 | No. of<br>Deaths<br>in 1925 | Increase<br>for<br>Year | Decrease<br>for<br>Year |
|----------------------------------------------------------------------|-----------------------------|-----------------------------|-------------------------|-------------------------|
| Diarrhoea, &c. (under 2<br>years) .....                              | 3                           | 2                           | —                       | 1                       |
| Appendicitis & Typhlitis .                                           | 6                           | 1                           | —                       | 5                       |
| Cirrhosis of Liver .....                                             | —                           | —                           | —                       | —                       |
| Acute & Chronic Nephritis                                            | 17                          | 16                          | —                       | 1                       |
| Puerperal Sepsis .....                                               | 1                           | 1                           | —                       | —                       |
| Other Accid'ts & Diseases<br>of Pregnancy and Par-<br>turation ..... | 5                           | 6                           | 1                       | —                       |
| Congenital Debility and<br>Malformation, Prema-<br>ture Birth .....  | 14                          | 11                          | —                       | 3                       |
| Suicides .....                                                       | 7                           | 4                           | —                       | 3                       |
| Other Deaths from<br>Violence .....                                  | 9                           | 6                           | —                       | 3                       |
| Other defined diseases ...                                           | 83                          | 89                          | 6                       | —                       |
| Causes ill-defined or un-<br>known .....                             | 5                           | 4                           | —                       | 1                       |

## SUMMARY OF DEATHS AT VARIOUS AGE PERIODS.

| Age Group.                            | Males | Females | Total | 1924 |
|---------------------------------------|-------|---------|-------|------|
| Deaths under 1 year .....             | 22    | 15      | 37    | 35   |
| „ of 1 year and under 2 years ...     | 8     | 5       | 13    | 7    |
| „ of 2 years and under 5 years...     | 5     | 7       | 12    | 9    |
| Total Deaths under 5 years .....      | 35    | 27      | 62    | 51   |
| Deaths of 5 years and under 15 years  | 3     | 7       | 10    | 9    |
| „ 15 „ „ „ 25 „                       | 10    | 11      | 21    | 31   |
| „ 25 „ „ „ 45 „                       | 19    | 34      | 53    | 69   |
| „ 45 „ „ „ 65 „                       | 77    | 80      | 157   | 163  |
| „ 65 „ „ „ over .....                 | 86    | 89      | 175   | 213  |
| Total Deaths of 5 years and over..... | 195   | 221     | 416   | 485  |
| Total.....                            | 230   | 248     | 478   | 536  |

COMPARISON OF THE DEATHS AT VARIOUS PERIODS IN  
PERCENTAGES.

| Age Group                     | 1925<br>% | 1924<br>% |
|-------------------------------|-----------|-----------|
| Deaths under 1 year .....     | 7.7       | 6.7       |
| „ of 1 year and under 2 years | 2.8       | 1.3       |
| „ of 2 „ 5 „                  | 2.5       | 1.6       |
| „ of 5 „ 15 „                 | 2.1       | 1.6       |
| „ of 15 „ 25 „                | 4.4       | 5.8       |
| „ of 25 „ 45 „                | 11.1      | 12.8      |
| „ of 45 „ 65 „                | 32.8      | 30.5      |
| „ of 65 years and over .....  | 36.6      | 39.7      |

MONTHLY ANALYSIS OF DEATHS IN WARDS, 1925.

| Month              | Bradley | Central | Netherfield | Southfield | Walverden | Whitefield | Total |
|--------------------|---------|---------|-------------|------------|-----------|------------|-------|
| January .....      | 9       | 6       | 5           | 8          | 12        | 7          | 47    |
| February .....     | 4       | 3       | 10          | 6          | 13        | 3          | 39    |
| March .....        | 6       | 3       | 4           | 8          | 12        | 3          | 36    |
| April .....        | 6       | 2       | 6           | 5          | 7         | 2          | 28    |
| May .....          | 9       | 6       | 9           | 4          | 6         | 7          | 41    |
| June .....         | 5       | 2       | 5           | 7          | 6         | ...        | 25    |
| July .....         | 8       | 2       | 7           | 7          | 8         | 3          | 35    |
| August .....       | 5       | 5       | 4           | 4          | 11        | 1          | 30    |
| September .....    | 4       | 2       | 6           | 4          | 8         | 1          | 25    |
| October .....      | 6       | 2       | 6           | 4          | 5         | 3          | 26    |
| November .....     | 9       | 4       | 7           | 5          | 9         | 2          | 36    |
| December .....     | 6       | 8       | 10          | 2          | 12        | 2          | 40    |
| Gross Total .....  | 77      | 45      | 79          | 64         | 109       | 34         | 408   |
| Transfer in .....  | 12      | 10      | 19          | 17         | 24        | 8          | 90    |
| Transfer out ..... | 12      | 1       | 1           | 4          | 2         | ...        | 20    |
| Nett Total .....   | 77      | 54      | 97          | 77         | 131       | 42         | 478   |

INFANTILE MORTALITY.

|                                                          |    |
|----------------------------------------------------------|----|
| Total Number of Deaths under 1 year of age in Nelson ... | 34 |
| Number of Deaths of Infants in Nelson non-resident ..... | 1  |
| „ „ „ outside Nelson transferred to<br>Nelson .....      | 4  |
| Nett Deaths under 1 year .....                           | 37 |
| Decrease on last year per 1,000 births .....             | 78 |
| Infantile Mortality Rate .....                           | 6  |
| Average for the last ten years per 1,000 births .....    | 88 |

The causes of death of Infants during the last ten years are shown in the following table.

| Year | Infectious Diseases | Diarrhoeal Diseases | Premature Births, Congenital Defects and Injury at Birth | Wasting Diseases | Chest Diseases | Other Diseases | Total |
|------|---------------------|---------------------|----------------------------------------------------------|------------------|----------------|----------------|-------|
| 1916 | 5                   | 4                   | 25                                                       | 5                | 15             | 13             | 67    |
| 1917 | 1                   | 2                   | 19                                                       | 3                | 9              | 13             | 47    |
| 1918 | 1                   | 3                   | 13                                                       | 5                | 13             | 8              | 43    |
| 1919 | 1                   | 4                   | 8                                                        | 2                | 9              | 3              | 27    |
| 1920 | 2                   | 4                   | 21                                                       | 8                | 11             | 8              | 54    |
| 1921 | ...                 | 4                   | 14                                                       | 5                | 11             | 10             | 44    |
| 1922 | 4                   | 4                   | 24                                                       | 6                | 7              | 9              | 54    |
| 1923 | 1                   | 5                   | 23                                                       | 3                | 8              | 4              | 44    |
| 1924 | 2                   | 2                   | 8                                                        | 9                | 7              | 7              | 35    |
| 1925 | 5                   | 2                   | 16                                                       | 2                | 6              | 6              | 37    |

#### COMPARISON OF INFANTS' DEATHS AT VARIOUS AGE PERIODS.

| AGE GROUP.                           | No. of Deaths |      | % of Deaths |      |
|--------------------------------------|---------------|------|-------------|------|
|                                      | 1924          | 1925 | 1924        | 1925 |
| Under 1 Day.....                     | 4             | 5    | 11.5        | 13.5 |
| Over 1 day and under 2 days .....    | ...           | 4    | ...         | 10.8 |
| " 2 days       " 3       " .....     | 1             | ...  | 2.8         | ...  |
| " 3       " 4       " .....          | 1             | 2    | 2.8         | 5.4  |
| " 4       " 5       " .....          | ...           | ...  | ...         | ...  |
| " 5       " 6       " .....          | ...           | ...  | ...         | ...  |
| " 6       " 7       " .....          | ...           | ...  | ...         | ...  |
| Total under 1 week.....              | 6             | 11   | 17.1        | 29.7 |
| Over 1 week and under 2 weeks .....  | ...           | 2    | ...         | 5.4  |
| " 2 weeks       " 3       " .....    | 2             | 1    | 5.7         | 2.8  |
| " 3       " 4       " .....          | ...           | 2    | ...         | 5.4  |
| Total under 1 month.....             | 8             | 16   | 22.8        | 43.3 |
| Over 1 month and under 3 months..... | 12            | 5    | 34.2        | 13.5 |
| " 3 months       " 6       " .....   | 4             | 10   | 11.5        | 27.0 |
| " 6       " 9       " .....          | 7             | 2    | 20.0        | 5.4  |
| " 9       " 12       " .....         | 4             | 4    | 11.5        | 10.8 |

#### COMPARISON OF INFANTILE MORTALITY RATES PER QUARTER AND PER MONTH.

|                        | Number of Infant Deaths. | Infantile Mortality Rate. |
|------------------------|--------------------------|---------------------------|
| March quarter .....    | 15                       | 117                       |
| June quarter .....     | 9                        | 72                        |
| September quarter .... | 5                        | 36                        |
| December quarter ....  | 8                        | 64                        |

| At end of—     | No. of<br>Infant<br>Deaths for<br>Month. | Total<br>to<br>Date. | Infantile<br>Mortality<br>Rate to<br>Date. | Infantile<br>Mortality Rate<br>for month,<br>based on<br>notified Births. |
|----------------|------------------------------------------|----------------------|--------------------------------------------|---------------------------------------------------------------------------|
| January .....  | 3                                        | 3                    | 73                                         | 73                                                                        |
| February ..... | 6                                        | 9                    | 112                                        | 154                                                                       |
| March .....    | 6                                        | 15                   | 117                                        | 125                                                                       |
| April .....    | 2                                        | 17                   | 99                                         | 46                                                                        |
| May .....      | 3                                        | 20                   | 93                                         | 70                                                                        |
| June .....     | 4                                        | 24                   | 95                                         | 105                                                                       |
| July .....     | 3                                        | 27                   | 88                                         | 58                                                                        |
| August .....   | 2                                        | 29                   | 81                                         | 40                                                                        |
| September .... | 0                                        | 29                   | 74                                         | —                                                                         |
| October .....  | 0                                        | 29                   | 66                                         | —                                                                         |
| Novemebr ....  | 2                                        | 31                   | 66                                         | 55                                                                        |
| December ....  | 6                                        | 37                   | 72                                         | 130                                                                       |

Of the total of 37 deaths, there were 2 or 5.4% due to Wasting Diseases, 6 or 16.15% due to Chest Diseases, 7 or 19.0% due to Congenital Defects, 7 or 19% due to Prematurity, 5 or 13.5% due to Infectious Diseases and 2 or 5.4% due to Diarrhoeal Diseases at Birth and 6 or 16.15% due to other miscellaneous causes.

BIRTHS AND DEATHS CLASSIFIED IN WARDS.  
(NOTIFIED BIRTHS).

| Ward             | Births<br>Notified | Deaths<br>Registered | Infantile<br>Deaths<br>Registered | Infantile<br>Mortality<br>Rate |
|------------------|--------------------|----------------------|-----------------------------------|--------------------------------|
| Bradley .....    | 62                 | 77                   | 5                                 | 77                             |
| Central .....    | 42                 | 54                   | 2                                 | 47                             |
| Netherfield..... | 104                | 97                   | 12                                | 115                            |
| Southfield ..... | 107                | 77                   | 6                                 | 56                             |
| Walverden.....   | 151                | 131                  | 12                                | 79                             |
| Whitefield ..... | 47                 | 42                   | —                                 | —                              |
| Total.....       | 516                | 478                  | 37                                | 72                             |

A chart is appended showing the Infantile Death Rate in the various Wards during the past four years.

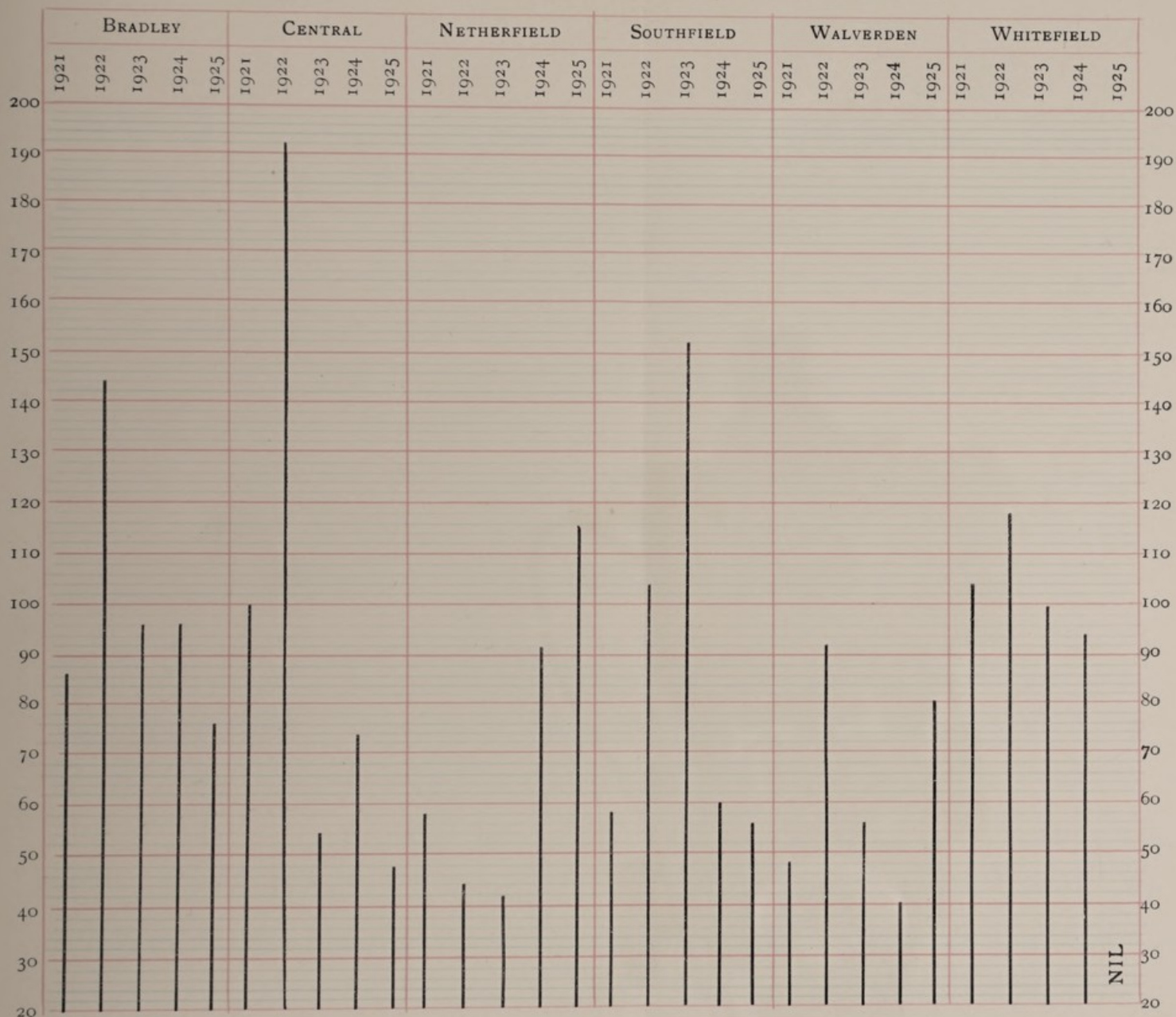
BIRTH AND DEATH RATES IN NELSON FOR THE LAST TEN YEARS.  
(per 1,000 of population).

| Year                 | Birth Rate | Total Death Rate | Zymotic Death Rate | Infantile Death Rate per 1000 Births |
|----------------------|------------|------------------|--------------------|--------------------------------------|
| 1916                 | 14.1       | 11.7             | 0.80               | 112                                  |
| 1917                 | 10.8       | 12.2             | 0.57               | 106                                  |
| 1918                 | 9.5        | 14.2             | 0.60               | 113                                  |
| 1919                 | 9.0        | 11.6             | 0.28               | 69                                   |
| 1920                 | 16.0       | 9.5              | 0.30               | 77                                   |
| 1921                 | 15.7       | 10.4             | 0.26               | 68                                   |
| 1922                 | 13.5       | 12.8             | 0.46               | 97                                   |
| 1923                 | 14.2       | 11.1             | 0.19               | 76                                   |
| 1924                 | 11.9       | 13.3             | 0.24               | 72                                   |
| 1925                 | 11.8       | 11.9             | 0.50               | 78                                   |
| Average for 10 years | 12.6       | 11.8             | 0.42               | 87                                   |

The particulars for the year have been added to the appended diagram, showing continuously for the years 1900 to 1925,

- A.—The actual number of births year by year in Nelson.
- B.—The actual number of infant deaths year by year in Nelson.
- C.—The actual Infantile Death Rate per 1,000 births.
- D.—The Birth Rate per 1,000 of population,  
the decline in the Birth Rate showing up very conspicuously.

INFANTILE DEATH RATE IN WARDS.—1921 to 1925.



# INFANTILE DEATH RATE

Bar chart showing the Infantile Death Rate for various years.



**VITAL STATISTICS OF WHOLE DISTRICT DURING 1925 AND PREVIOUS YEARS.**

| Year | Population estimated to middle of each year | Births                         |                   |       | Total Deaths Registered in the District. |      | Transferable Deaths.                        |                                                        | Net Deaths belonging to the District. |                           |              |       |
|------|---------------------------------------------|--------------------------------|-------------------|-------|------------------------------------------|------|---------------------------------------------|--------------------------------------------------------|---------------------------------------|---------------------------|--------------|-------|
|      |                                             | Un-corrected Number (notified) | Nett (Registered) |       | Number                                   | Rate | Of Non-residents registered in the District | Of Residents registered not registered in the District | Under 1 year of age                   |                           | At all ages. |       |
|      |                                             |                                | Number            | Rate  |                                          |      |                                             |                                                        | Number                                | Rate per 1000 Net Births. | Number       | Rate  |
|      |                                             |                                |                   |       |                                          |      |                                             |                                                        |                                       |                           |              |       |
| 1    | 2                                           | 3                              | 4                 | 5     | 6                                        | 7    | 8                                           | 9                                                      | 10                                    | 11                        | 12           | 13    |
| 1916 | 40000                                       | 608                            | 608               | 14.1  | 405                                      | 10.1 | 10                                          | 60                                                     | 68                                    | 112                       | 463          | 11.7  |
| 1917 | 38000                                       | 433                            | 443               | 10.8  | 381                                      | 10.4 | 10                                          | 77                                                     | 47                                    | 106                       | 448          | 12.2  |
| 1918 | 38000                                       | 380                            | 380               | 9.3   | 440                                      | 12.0 | 11                                          | 80                                                     | 43                                    | 113                       | 513          | 14.05 |
| 1919 | 41000                                       | 391                            | 391               | 9.0   | 446                                      | 10.7 | 23                                          | 61                                                     | 27                                    | 69                        | 484          | 11.6  |
| 1920 | 43095                                       | 693                            | 693               | 16.08 | 374                                      | 8.6  | 11                                          | 47                                                     | 54                                    | 77                        | 410          | 9.5   |
| 1921 | 40690                                       | 641                            | 641               | 15.7  | 381                                      | 9.3  | 14                                          | 57                                                     | 44                                    | 68                        | 424          | 10.4  |
| 1922 | 40590                                       | 552                            | 552               | 13.5  | 465                                      | 11.4 | 18                                          | 73                                                     | 54                                    | 97                        | 520          | 12.8  |
| 1923 | 40380                                       | 581                            | 574               | 14.2  | 401                                      | 9.9  | 15                                          | 63                                                     | 44                                    | 76                        | 449          | 11.1  |
| 1924 | 40220                                       | 491                            | 482               | 11.9  | 477                                      | 11.8 | 15                                          | 74                                                     | 35                                    | 72                        | 536          | 13.3  |
| 1925 | 39990                                       | 516                            | 472               | 11.8  | 408                                      | 10.2 | 20                                          | 90                                                     | 37                                    | 78                        | 478          | 11.9  |

Area of District in acres (land and water) 3466.

At Census 1921—Total Population at all ages 40,690.

At Census 1921—Total families or separate occupiers 10,115.

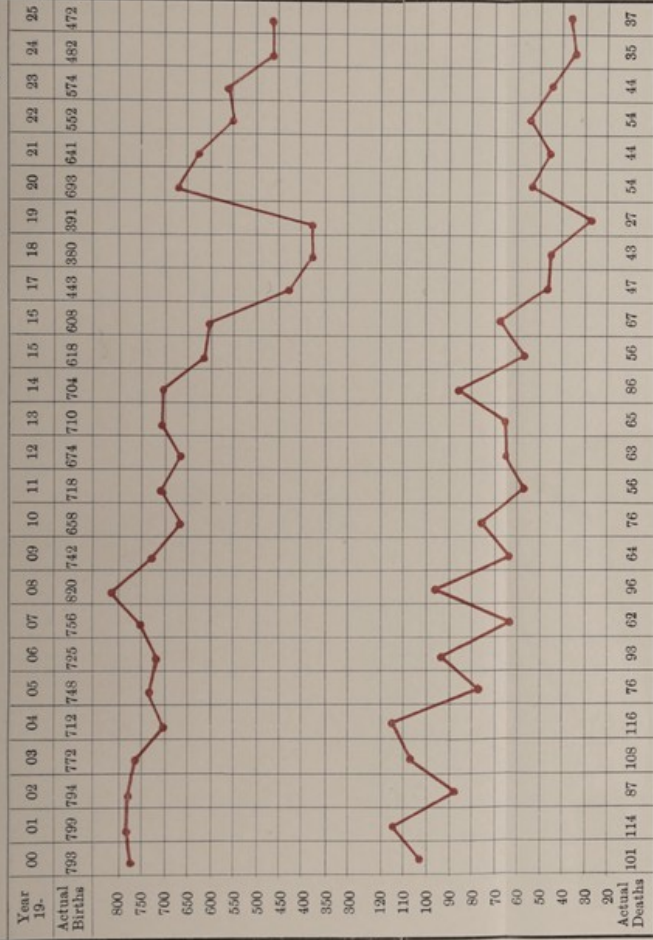
Estimated Population for Birth Rate and Death Rate 39,990.

# BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1925.

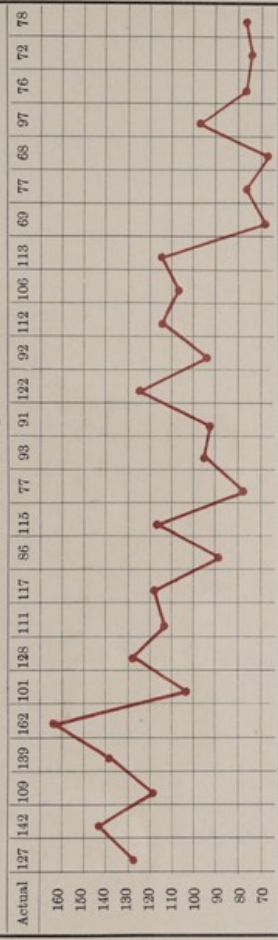
(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1925, while those for the towns have been calculated on populations estimated to the middle of 1924. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns).

|                                                                   | Birth-rate per 1000 Total Population | Annual Death-Rate per 1,000 Population |               |           |         |               |                |            |           |          |                                            | Rate per 1,000 Births          |                                                               | Percentage of Total Deaths |                             |
|-------------------------------------------------------------------|--------------------------------------|----------------------------------------|---------------|-----------|---------|---------------|----------------|------------|-----------|----------|--------------------------------------------|--------------------------------|---------------------------------------------------------------|----------------------------|-----------------------------|
|                                                                   |                                      | All Causes                             | Enteric Fever | Small-pox | Measles | Scarlet Fever | Whooping Cough | Diphtheria | Influenza | Violence | Diarrhoea and Enteritis (under Two years). | Total Deaths (under One Year). | Causes of Death certified by Registered Medical Practitioners | Inquest Cases              | Uncertified Causes of Death |
| England and Wales .....                                           | 18.3                                 | 12.2                                   | 0.01          | 0.00      | 0.13    | 0.03          | 0.15           | 0.07       | 0.32      | 0.47     | 8.4                                        | 75                             | 92.1                                                          | 6.9                        | 1.0                         |
| 105 County Boroughs and Great Towns, including London.....        | 18.8                                 | 12.2                                   | 0.01          | 0.00      | 0.17    | 0.03          | 0.18           | 0.09       | 0.30      | 0.43     | 10.8                                       | 79                             | 92.1                                                          | 7.3                        | 0.6                         |
| 157 Smaller Towns (1921 Adjusted Populations 20,000—50,000) ..... | 18.3                                 | 11.2                                   | 0.01          | 0.00      | 0.15    | 0.02          | 0.14           | 0.06       | 0.31      | 0.38     | 7.6                                        | 74                             | 93.0                                                          | 5.9                        | 1.1                         |
| London.....                                                       | 18.0                                 | 11.7                                   | 0.01          | 0.00      | 0.08    | 0.02          | 0.19           | 0.11       | 0.23      | 0.46     | 10.6                                       | 67                             | 91.1                                                          | 8.9                        | 0.0                         |
| Nelson .....                                                      | 11.8                                 | 11.9                                   | 0.00          | 0.00      | 0.15    | 0.05          | 0.20           | 0.05       | 0.22      | 0.25     | 4.2                                        | 78                             | 94.5                                                          | 4.5                        | 1.0                         |

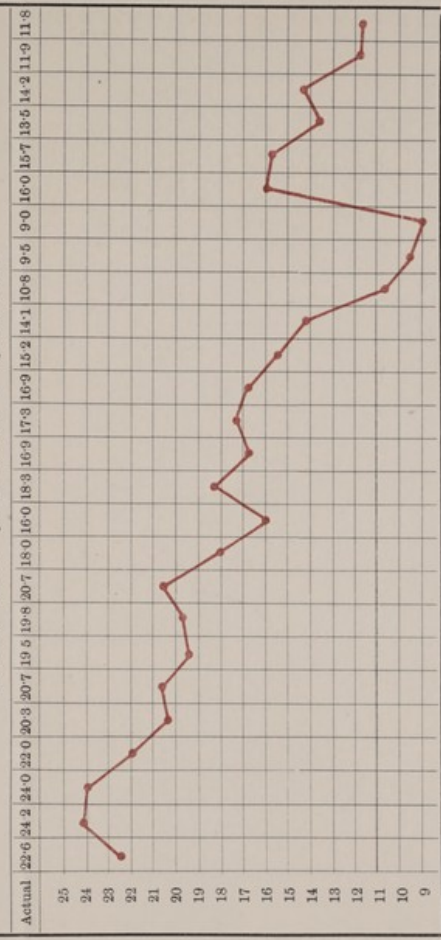
Actual Number of Births and Infant Deaths per year from 1900



Infantile Death Rate per 1000 Births



Birth Rate per 1000 Population





### III.—GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Hospital accommodation is provided for

- (a) Smallpox, 32 beds, situate at Catlow,
- (b) Scarlet Fever, 8 beds, situate at Catlow,

neither being joint hospitals. By agreement, however, with the adjoining district of Barrowford, cases from that District of the above diseases are admitted, but no retaining fee is paid.

A Maternity Home is provided, which is under the jurisdiction of the Health Committee.

The Union Infirmary for the District is at Burnley, the postal address being Primrose Bank, 110 Briercliffe Road, Burnley.

#### CLINIC AND TREATMENT CENTRES.

No institution is provided for unmarried mothers, illegitimate infants or homeless children in this Borough, nor are there any Day Nurseries.

The Council have provided a School Clinic, and a Maternity and Child Welfare Centre, this latter, at No. 9, Carr Road, Nelson, being open on Wednesday afternoons of each week, from 2 to 5 p.m.

A Tuberculosis Dispensary is provided by the Lancashire County Council, situate at No. 64, Carr Road, Nelson.

There is no Venereal Diseases Treatment Centre situated in Nelson, the clinic for the area being at Burnley.

#### AMBULANCE FACILITIES.

A Motor Ambulance, kept at the Fire Station and under the charge of the Superintendent of the Fire Brigade, is provided for use in non-infectious and accident cases. For infectious cases a converted motor van is used.

#### PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

The staff of the Public Health Department consists of (a) the Medical Officer of Health, who is also the School Medical Officer and has charge of the Infectious Diseases Hospital, (b) the Chief Sanitary Inspector also holds the Food Inspector's Certificate. Salary contributions are made in the case of these



## MIDWIVES.

No Midwife is employed, nor are any assisted by the Local Authority for practice in the District.

The number of midwives on the County Council Register on the 31st December, 1925, for the area was 7, all of whom are in actual practice.

## LEGISLATION IN FORCE.

A list of the local and adoptive Sanitary Acts administered by the Council is given on Page 4.

## CO-OPERATION.

Whilst no definite particulars can be given as regards co-operation with the medical and auxiliary services of the National Health Insurance, the voluntary hospitals and the Poor Law or other agencies, a certain amount of co-operation exists, with the result that when assistance is required from these bodies it is always forthcoming.

**IV.—SANITARY CIRCUMSTANCES OF THE DISTRICT.**

## WATER SUPPLY.

This is derived from two gathering grounds, one four miles distant on the east side of the town, supplying Coldwell Reservoir, and one four miles distant on the west side of the town, supplying Ogden Reservoirs.

**COLDWELL RESERVOIR.**—Altitude 943.00, Capacity 80,000,000 gallons; Filtration, 4 Bell's Patent Vertical Filters; Nature of Water, Good, moderately hard.

**OGDEN RESERVOIRS.**—No. 1, Altitude 989.00, Capacity 54,500,000 gallons; No. 3, Altitude, 837.00, Capacity 157,045,000 gallons; Filtration, 12 Bell's Patent Vertical Pressure Filters; Nature of water, Good, soft.

**WAIDS HOUSE SERVICE RESERVOIR.**—Altitude 718.50, Capacity 2,000,000 gallons.

Total storage capacity of Reservoirs, including yield of streams—165 days' supply.

Approximate daily consumption, 1,900,000 gallons.  
 Consumption per head of population in area supplied, 29½ galls.  
 Curtailment of supply during 1925—Nil.

#### RIVERS AND STREAMS.

The provisions of the Rivers Pollution Acts are administered by the Ribble Joint Committee.

#### DRAINAGE AND SEWERAGE.

Nature of drainage of district, water carriage; situation of Sewage Works, Linedred; mode of delivery of sewage at Works, High Level gravitating sewer. (Sewage from low-lying district of Lomeshaye is carried by a low level sewer which is emptied into the high level sewer by means of automatic ejectors at the Works).

|                                           |                           |
|-------------------------------------------|---------------------------|
| Treatment .....                           | Biological                |
| Dry weather flow .....                    | 1,250,000 gallons per day |
| Detritus tanks, capacity of each .....    | 29,000 gallons            |
| Septic tanks, total capacity .....        | 1,288,215 ,,              |
| Storm Tanks, total capacity .....         | 375,000 ,,                |
| Percolating beds, total capacity .....    | 22,080 ,,                 |
| Sedimentation tanks, total capacity ..... | 1,095,166 ,,              |
| Strainers, total capacity .....           | 175,000 ,,                |

During the year a surface aeration plant to treat 200 gallons per day has been installed. No area is without a drainage system. Drain-testing, flushing, &c., is carried out by the Corporation staff when necessary.

#### CLOSET ACCOMMODATION.

|                                              |      |
|----------------------------------------------|------|
| No. of Privy Middens (in town) .....         | Nil  |
| No. of Pail Closets .....                    | 4    |
| No. of Fresh Water Closets .....             | 2715 |
| No. of Waste Water Closets .....             | 8315 |
| No. of Dry Ashpits, excluding middens .....  | 7260 |
| No. of Portable Receptacles for refuse ..... | 2947 |

Conversions during the year:—

|                                                                                 |    |
|---------------------------------------------------------------------------------|----|
| No. of Waste Water Closets to Fresh Water Closets ...                           | 26 |
| No. of Houses at which Portable Ashbins have been substituted for ashpits ..... | 12 |

In all new property Fresh Water Closet accommodation and portable Ashbins are now being provided.

#### CLEANSING AND SCAVENGING.

The whole of the scavenging and cleansing of the town is carried out by the Corporation staff, both motor and horse vehicles being used. The ashpit and trade refuse is dealt with at the Destructor Works, Charles Street, being first passed through a screen for salvage purposes, the residue then being burnt in the Destructor. Offal, &c., is now being dealt with by means of a Digester for conversion into a manurial product. Mr. Nutter, the Cleansing Superintendent, has kindly supplied me with the following particulars of the work carried out under this heading during the year:—

|                                               |        |       |
|-----------------------------------------------|--------|-------|
| Weight of refuse removed .....                | (tons) | 8325  |
| No. of loads of ashpit refuse removed .....   |        | 5681  |
| „ loads of light refuse removed .....         |        | 3211  |
| „ loads of market refuse removed .....        |        | 189   |
| „ tubs of garbage removed .....               |        | 9152  |
| „ miles of streets swept .....                |        | 2215  |
| „ gullies cleansed .....                      |        | 24460 |
| „ loads gully refuse collected .....          |        | 367   |
| „ loads of water distributed on streets ..... |        | 795   |
| „ loads of grit distributed on streets .....  |        | 166   |
| „ loads of street sweepings collected .....   |        | 424   |
| „ loads of snow collected .....               |        | 174   |

#### SANITARY INSPECTIONS DURING 1925.

A summary of the work carried out under this heading is as follows:—

|                                                                     |      |
|---------------------------------------------------------------------|------|
| No. of complaints of nuisances received and investi-<br>gated ..... | 77   |
| „ premises in general inspected .....                               | 1871 |
| „ „ „ re-inspected .....                                            | 189  |
| „ „ „ visited .....                                                 | 312  |

|                                                                             |      |
|-----------------------------------------------------------------------------|------|
| No. of inspections—stables .....                                            | 209  |
| "    "    licensed premises .....                                           | 21   |
| "    "    lodging houses .....                                              | 38   |
| "    "    offensive trades .....                                            | 128  |
| "    "    slaughter-houses .....                                            | 1071 |
| "    "    bakehouses .....                                                  | 114  |
| "    "    workshops .....                                                   | 180  |
| "    "    factories .....                                                   | 75   |
| "    "    dairies and cowsheds .....                                        | 139  |
| "    visits—infectious diseases and contacts .....                          | 121  |
| "    structural defects found .....                                         | 57   |
| "    lack of cleanliness found .....                                        | 21   |
| "    offensive accumulations found .....                                    | 11   |
| "    defective waste-pipes found .....                                      | 5    |
| "    defective waste water closets .....                                    | 17   |
| "    defective water closets .....                                          | 26   |
| "    defective drains found .....                                           | 19   |
| "    defective ashpits found .....                                          | 21   |
| "    Verbal notices given .....                                             | 70   |
| "    Informal notices sent .....                                            | 47   |
| "    Informal and verbal notices complied with ...                          | 109  |
| "    Legal notices sent .....                                               | 16   |
| "    legal notices complied with .....                                      | 14   |
| "    Legal proceedings .....                                                | —    |
| "    applications received for opening drains, &c. ...                      | 361  |
| "    drains opened by Corporation workmen .....                             | 139  |
| "    water and waste water closets opened by Cor-<br>poration workmen ..... | 251  |
| "    smoke observations .....                                               | 249  |

#### SMOKE NUISANCE.

During the year, in order to consider the question of the emission of black smoke from the various mill chimneys in the Borough, and the means to be taken to prevent any excessive emission, meetings of a Committee composed of representatives of the mill owners, representatives of the manufacturers, representatives of the engineers, representatives of the boiler attendants and appointed members of the Health Committee have been held throughout the year.

In order to get expert opinion on the question, the Committee decided to engage a specialist on the smoke question to visit Nelson and give a demonstration and report on the methods suggested by him for abating the smoke nuisance.

From the 3rd February, and continuing for 10 weeks, a course of Lectures on Smoke Prevention was given at the Municipal Technical School, the arrangements being made by the local Education Committee on the suggestion of the Health and Smoke Committees.

|                                                        |                         |
|--------------------------------------------------------|-------------------------|
| Number of Smoke Observations taken during the year ... | 249                     |
| Number of chimneys concerned .....                     | 55                      |
| Time limit .....                                       | 5 minutes in 30 minutes |
| Number of times limit has been exceeded .....          | 34                      |
| Legal proceedings .....                                | Nil                     |

On the 34 occasions on which the limit has been exceeded 14 chimneys have been implicated, 5 chimneys offending once, 5 chimneys twice, 2 chimneys three times, 1 chimney 4 times and 1 chimney 9 times.

The total time the chimneys were under observation was 124½ hours, and during this period the total amount of smoke emitted was :—

|                 |                 |                 |               |
|-----------------|-----------------|-----------------|---------------|
| Black Smoke.    | Moderate Smoke. | Light Smoke.    | Clear.        |
| 10 hrs. 29 min. | 44 hrs. 14 min. | 50 hrs. 40 min. | 19 hrs. 7 min |

The average time per observation was 30 minutes and the average result per observation—Black Smoke 2.5 minutes, Moderate Smoke 10.7 minutes, Light Smoke 12.2 minutes, Clear 4.6 minutes.

An average hour's observation, for comparison with the average hour's observation for 1924, is as follows :—

|            | Black Smoke. | Moderate Smoke. | Light Smoke. | Clear.   |
|------------|--------------|-----------------|--------------|----------|
|            | Minutes.     | Minutes.        | Minutes.     | Minutes. |
| 1925 ..... | 5.0          | 21.4            | 24.4         | 9.2      |
| 1924 ..... | 7.6          | 22.5            | 21.3         | 8.6      |

In all cases, following an observation in which excessive emission is noted, the engineer in charge of the plant is interviewed and an intimation sent to the owners of the premises. In addition, at the meeting of the aforementioned committee for dealing with the smoke question, these particular cases receive special attention.

#### OFFENSIVE TRADES.

|                                                        |       |     |
|--------------------------------------------------------|-------|-----|
| No. of offensive trades in Borough .....               | Total | 3   |
| Tripe Boilers .....                                    |       | 1   |
| Gut Scrapers .....                                     |       | 2   |
| No. of complaints of nuisances arising from same ..... |       | 0   |
| No. of inspections .....                               |       | 114 |
| No. of defects or nuisances found .....                |       | 0   |

#### WORKSHOPS AND WORKPLACES.

Condition of workshops and workplaces ..... Fair  
 Returns under the Factories and Workshops Act, 1901.  
 A. INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

| Premises                                           | Number of inspections | Number of written notices | Number of prosecutions |
|----------------------------------------------------|-----------------------|---------------------------|------------------------|
| Factories (including Factory Laundries) .....      | 75                    | 5                         | 0                      |
| Workshops (includ'g Workshop Laundries) .....      | 294                   | 3                         | 0                      |
| Workplaces, other than out-workers' premises ..... | 5                     | 0                         | 0                      |
| Total .....                                        | 374                   | 8                         | 0                      |

## B. DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

| Particulars                                                       | Number of Defects :             |               |                          | Number of Prosecutions |
|-------------------------------------------------------------------|---------------------------------|---------------|--------------------------|------------------------|
|                                                                   | Found                           | Rem-<br>edied | Referred<br>to<br>H.M.I. |                        |
| Nuisances under Public Health Acts :                              |                                 |               |                          |                        |
| Want of Cleanliness .....                                         | 6                               | 6             | ...                      | ...                    |
| „ Ventilation .....                                               | ...                             | ...           | ...                      | ...                    |
| Overcrowding .....                                                | ...                             | ...           | ...                      | ...                    |
| Want of drainage of floors .....                                  | ...                             | ...           | ...                      | ...                    |
| Other Nuisances .....                                             | 4                               | 4             | ...                      | ...                    |
| Sanitary<br>Accommodation                                         | Insufficient ...                | 2             | 2                        | ...                    |
|                                                                   | Unsuitable or<br>defective..... | 6             | 6                        | ...                    |
|                                                                   | Not seperate for<br>sexes ..... | ...           | ...                      | ...                    |
|                                                                   |                                 |               |                          |                        |
| Offences under the Factory and<br>Workshops Act :                 |                                 |               |                          |                        |
| Illegal occupation of underground<br>Bakehouse .....              | ...                             | ...           | ...                      | ...                    |
| Breach of special sanitary require-<br>ments for Bakehouses ..... | 6                               | 6             | ...                      | ...                    |
| Other Offences .....                                              | ...                             | ...           | ...                      | ...                    |
| Total.....                                                        | 24                              | 24            | ...                      | ...                    |

## C. HOME WORK.

| Nature of Work            | Outworkers' Lists. Section 107. |             |         |              |            |
|---------------------------|---------------------------------|-------------|---------|--------------|------------|
|                           | Lists received from Employers.  |             |         |              |            |
|                           | Twice Yearly                    |             |         | Once yearly. |            |
|                           | Lists                           | Outworkers. |         | Lists        | Outworkers |
|                           |                                 | contracts   | workmen |              |            |
| Making<br>Wearing Apparel | Nil.                            | Nil.        | Nil.    | Nil.         | Nil.       |

## D. REGISTERED WORKSHOPS.

(Workshops on the Register at the end of the year).

| Trades                     | Ordinary   | Domestic  | Men's     | Total      |
|----------------------------|------------|-----------|-----------|------------|
| Bakehouses .....           | 58         | 47        | 9         | 114        |
| Tailors .....              | 4          | 4         | 9         | 17         |
| Dressmakers .....          | 10         | 10        | ...       | 20         |
| Milliners .....            | 18         | 8         | ...       | 26         |
| Shoe and Clog Makers ..... | 4          | 3         | 25        | 32         |
| General .....              | 7          | 5         | 19        | 31         |
| <b>Totals .....</b>        | <b>101</b> | <b>77</b> | <b>62</b> | <b>240</b> |

## E. OTHER MATTERS.

| CLASS                                                      | Number |
|------------------------------------------------------------|--------|
| Failure to affix Abstract notified to H.M. Inspector ..... | None   |
| Matters notified by H.M. Inspector.....                    | 12     |
| Reports of action sent to H.M. Inspector .....             |        |
| Other .....                                                | None   |
| Underground Bakehouses in use at end of year .....         | None   |

## 3.—Common Lodging Houses.

|                                               |     |
|-----------------------------------------------|-----|
| No. of Common Lodging Houses in Borough ..... | 1   |
| „ inspections .....                           | 38  |
| „ defects or nuisances found .....            | 3   |
| Accommodation available (beds) .....          | 138 |

## HOUSES LET IN LODGINGS.

There are no houses let in lodgings in the Borough.

## SCHOOLS.

The sanitary condition of the schools in the Borough is on the whole good, and all are supplied with Town's water. It has not been necessary to close any of the schools during the year on account of infectious disease.

|                                              |    |
|----------------------------------------------|----|
| Number of Schools in Borough—Secondary ..... | 1  |
| Elementary .....                             | 11 |

All Schools are supplied with Town's water.

## CANAL BOATS ACT.

The Council are exempt from the administration of the Canal Boats Acts owing to the short length of canal within the Boundaries.

## V. HOUSING.

## I. GENERAL CONDITIONS IN THE AREA.

(1) Taken on the whole, housing accommodation in Nelson is of a very good type, the majority being through houses with good yards and paved back courts. There are very few back to back houses, nor is there any slum area in the district.

(2) Judging by the continuity of the applications made for occupation of the houses erected under the Council's Housing Schemes, there still appears to be a shortage of houses in the district. Mr. Shackleton, the Borough Engineer and Surveyor, has kindly supplied me the following list of the houses built by your Council to meet the shortage that has existed of late years:—

|                            |                 |            |
|----------------------------|-----------------|------------|
| Sheridan Street Site ..... | 13 Houses ..... | 1919 Act   |
| St. Paul's Road Site ..... | 108 „ .....     | 1919 „     |
| Lynthorpe Road Site .....  | 50 „ .....      | 1919 „     |
| Marsden Scheme B .....     | 100 „ .....     | 1919 „     |
| „ „ C .....                | 19 „ .....      | 1924 „     |
| „ „ D .....                | 50 „ .....      | 1924 „     |
| „ „ E .....                | 70 „ .....      | 50, 1924 „ |
|                            |                 | 20, 1923 „ |
| Total .....                | 410 Houses      |            |

All the above houses are built or in course of erection, 390 houses for letting purposes, 18 have been sold and there are still 2 houses for sale.

The Housing Committee have received tenders from contractors for building a further 50 or 100 houses at Marsden Park, to be known as Scheme F. After consideration they are desirous of building 100 houses, and an application will be made to the Ministry of Health for sanction to proceed with this latest scheme.

(3) There have not been any important changes in population during the past 5 years, nor does there appear to be any indication that there will be any change in the near future.

## II.—OVERCROWDING.

Whereas there appears to be a number of houses in which more than one family reside, the majority of these cases being due to house shortage, actual over-crowding on air space is not prevalent. No action has been taken under the Public Health Acts during the year.

## III.—FITNESS OF HOUSES.

The majority of the houses in the Borough are substantially and well built, the general standard being good. Such defects as are found are generally of a minor character, and the notice of the owner being called to the defect is often sufficient to have the defect remedied.

The number of houses owned by the occupiers is considerable, and it is found that the condition of the property in these cases is kept at a very good standard.

Such defects as are found are dealt with primarily in an informal manner, either by interview or letter. If this fails to have the defect remedied, Legal Notices are served under the Public Health Act if applicable, or under the Housing and Town Planning Act. No difficulty has been experienced during the year in having defects remedied.

Special measures to secure improved management of property by owners, better care of property by tenants, or the gradual carrying out of repairs according to agreed arrangement, have not been considered.

No special method of dealing with unfit back to back houses is necessary so far as this Borough is concerned, nor are there other types of insanitary property sufficient to warrant any special action.

The conditions so far as they affect housing as regards—

a. Water supply.—This can be regarded as generally satisfactory, any shortage brought to my notice having been due to deterioration of the service pipe.

b. Closet Accommodation.—The whole of the closet accommodation of the town is on the water carriage system, but as approximately 75 per cent. consist of the waste water type, the closet accommodation cannot be classed as entirely satisfactory.

c. Refuse Disposal.—On the whole satisfactory; Ashpits 71 per cent., Ashbins 29 per cent.

## IV.—UNHEALTHY AREAS.

No action has been necessary.

## V.—HOUSES LET IN LODGINGS, TENTS, VANS, SHEDS, &amp;c.

There are no houses let in lodgings, nor any tent dwellers. The number of van dwellers is negligible, only isolated cases occurring.

## VI.—GENERAL AND MISCELLANEOUS.

At the Health Week and Exhibition held during the year, the attention of the public was drawn to the disposal of household refuse, particularly as to the class of refuse to be put in ashpits or ashbins, by exhibits, talks and distribution of leaflets. Attention was also directed to other matters in regard to Housing and household fittings, by the same means.

## HOUSING STATISTICS FOR THE YEAR 1925.

No. of new houses erected during the year :—

- (a) Total including numbers given separately under (b) 68
- (b) With State assistance under the Housing Acts :—
  - 1. By the Local Authority ..... 62
  - 2. By other bodies or persons ..... 6

No. of houses in course of erection under the Council's building scheme ..... 75

Financial assistance for purpose of increasing housing accommodation. Advances made during 1925 :—

- (a) By Loans, nil ; number, nil ; amount of loans, nil.
- (b) By subsidy, yes ; number, 6 ; amount of subsidies £450

Unfit Dwellinghouses—Inspection :—

- (1) Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts) ..... 1871

|                                                                                                                                                                               |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| (2) No. of dwellinghouses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925 ..... | 151 |
| (3) No. of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit unfit for human habitation .....                                          | Nil |
| (4) No. of dwellinghouses [exclusive of those referred to under (3) ] found not to be in all respects reasonably fit for human habitation .....                               | 78  |
| Remedy of defects without service of formal Notices :—                                                                                                                        |     |
| No. of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers .....                                                 | 39  |
| Action under Statutory Powers :—                                                                                                                                              |     |
| A.—Proceedings under Section 3 of the Housing Act, 1925 :—                                                                                                                    |     |
| (1) No of dwellinghouses in respect of which notices were served requiring repairs .....                                                                                      | 1   |
| (2) No. of dwellinghouses which were rendered fit :—                                                                                                                          |     |
| (a) By owners .....                                                                                                                                                           | 1   |
| (b) By Local Authorities in default of owners ...                                                                                                                             | Nil |
| (3) No. of dwellinghouses in respect of which Closing Orders became operative in pursuance of declaration by owners of intention to close ...                                 | Nil |
| B.—Proceedings under Public Health Acts :—                                                                                                                                    |     |
| (1) No. of dwellinghouses in respect of which notices were served requiring defects to be remedied .....                                                                      | 38  |
| (2) No. of dwellinghouses in which defects were remedied :—                                                                                                                   |     |
| (a) By owners .....                                                                                                                                                           | 38  |
| (b) By Local Authorities in default of owners ...                                                                                                                             | Nil |

C.—Proceedings under Sections 11, 14, and 15 of the Housing Act, 1925 :—

- |                                                                                                                                 |     |
|---------------------------------------------------------------------------------------------------------------------------------|-----|
| (1) No. of representations made with a view to the making of Closing Orders .....                                               | Nil |
| (2) No. of dwellinghouses in respect of which Closing Orders were made .....                                                    | Nil |
| (3) No. of dwellinghouses in respect of which Closing Orders were determined, the dwellinghouses having been rendered fit ..... | Nil |
| (4) No. of dwellinghouses in respect of which Demolition Orders were made .....                                                 | Nil |
| (5) No. of dwellinghouses demolished in pursuance of Demolition Orders .....                                                    | Nil |

D.—No. of houses demolished voluntarily by owners or converted to workshops, &c. .... Nil

## VI.—INSPECTION AND SUPERVISION OF FOOD.

### (a) MILK SUPPLY.

(1) Wholesomeness. On the whole, the quality of the milk produced within or brought into the district maintains a satisfactory standard. Informal samples are taken by your officers and tested at the Public Health Laboratory. During the year 68 samples were analysed, and all were found genuine.

(2) Arrangements for the supply and distribution of the milk are such as to ensure a daily supply of new milk to all parts of the district, the surrounding country being mainly devoted to dairy farming. The general method of distribution is from kits conveyed in open horse-drawn floats, the milk being ladled out by measures into small cans, and delivered in these to the householder.

(3) It has not been necessary for any action to be taken as regards a breach of the Milk and Dairies (Consolidation) Act, 1915, the Milk and Dairies (Amendment) Act, 1922, or the Dairies, Cowsheds, and Milkshops Orders.

No application has been made for any license under the Milk (Special Designation) Order, 1923, by any of the dairy farmers or retailers in the district.

#### DAIRIES, COWSHEDS, AND MILKSHOPS.

These are regularly inspected throughout the year. The condition of the cowsheds is dealt with in the report of the Veterinary Inspector, which is as follows:—

DECEMBER 31st, 1925.

TO THE CHAIRMAN AND COMMITTEE AND THE MEDICAL  
OFFICER OF HEALTH FOR THE BOROUGH OF NELSON.

During the year 1925, I have made three official inspections of all the cowsheds and farm buildings within the Borough, and have examined thoroughly all dairy cows contained therein each time.

My figures work to an average total of 679 animals, 575 of which are dairy cows in milk ; and 12 of which have one teat not efficient.

The deficient teats are totally dry, and in my opinion, none are tubercular.

As I have also had the pleasure of preparing a detailed survey of each farm (and which will be for your inspection, as soon as printed) I shall only observe, that in many cases the farm premises have been greatly improved structurally, and more air, light, and cleanliness given to the cattle.

I must congratulate the residents within the Borough in having a milk supply from such a healthy lot of cattle, and the Health Department in particular, for the zeal shown, in their efforts to obtain a good supply of clean milk.

The cows with wrong teats have been halved in the last four years.

It is seldom I see a cow within the Borough, with the least suspicion of tuberculosis.

Since the 1st day of September last when the Tuberculosis (Amended) Order came into force, I have examined and made post-mortems of a dozen animals outside, all with tubercular lesions, but so far our Borough has been free.

We are especially fortunate in having a clean bill of health, when foot and mouth disease has once more been on our borders.

Thanks for drastic measures taken to prevent its spread.

Signed, JOHN BARKER, M.R.C.V.S.

Regulations under the order of the L.G.B. were made on August 1st, 1911. More frequent inspection and supervision is bringing the cowsheds more into conformity with the standards required by the Regulations. The amount of air space required where cows are habitually grazed, this including the whole of the cowsheds in the Borough, is 800 cubic feet.

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| No. of Cowkeepers only, on register .....                                          | 10  |
| No. of Cowkeepers and Purveyors on register .....                                  | 24  |
| No. of Cowkeepers, Dairymen, or Milk Purveyors on<br>register (resident) .....     | 12  |
| No. of Cowkeepers, Dairymen, or Milk Purveyors on<br>register (non-resident) ..... | 29  |
| No. of Shopkeepers selling milk .....                                              | 21  |
| No. of inspections made during year .....                                          | 139 |

During the year 7 samples of milk have been examined at the Public Health Laboratory for the presence or otherwise of tubercle bacilli, all of which proved negative.

Under the Tuberculosis Order of 1925, no case had been reported at the close of the year.

Beyond the samples of milk examined for tubercle bacilli, no sample of milk was examined for a bacterial count. Microscopic examination of the deposit from milk was made on 14 occasions, normal results being shown in each instance.

MO H does not  
comment on sanitary  
state etc. of  
MEAT. S.H.

40

#### MEAT.

There are 12 private slaughter-houses in the Borough, and these are regularly inspected. Under the Public Health (Meat) Regulations, 1924, with few exceptions, notice of time and place of slaughter is given by the butchers in the town where slaughtering is carried on outside the regular hours, notice of which had been previously accepted. In cases of omission, verbal warning to the butchers has so far been found sufficient. On the whole the quality of meat slaughtered in the town maintains a good standard, and evidence of the disease is not common. During the year one tubercular carcase was found in which evidence of disease necessitated the whole carcase being condemned. The carcase was surrendered and removed to the Destructor Works for disposal. Other meat surrendered at the slaughter-houses, condemned, and similarly dealt with, is as follows:—

1 carcase of lamb, 1 carcase of pork, 13 livers, 7 pairs of lungs, portions of carcase of beef weighing 58 lbs.

To conform with the Public Health (Meat) Regulations, 1924, all shops in which meat is sold are fitted with glass windows, and meat stalls, these being on the open market ground, have been altered accordingly. Very little of the meat sold in the town is retailed from a vehicle, though these, when in use, are satisfactory.

Statement of slaughter-houses:—

|                      | In<br>1920. | In Jan.,<br>1925. | In Dec.,<br>1925. |
|----------------------|-------------|-------------------|-------------------|
| No. Registered ..... | 1           | 1                 | 1                 |
| No. Licensed .....   | 12          | 11                | 11                |
| Total .....          | 13          | 12                | 12                |

#### OTHER FOODS.

All premises where food is prepared are subject to inspection, with a view to conformity to byelaws, where applicable, and maintenance of cleanliness.

There were 114 bakehouses on the register at the close of the year, the condition of which remains fairly satisfactory.

The amount of food condemned or surrendered during 1925 as unfit for human consumption, is as follows:—

Tuberculous carcasses and parts:—

|                                    |          |
|------------------------------------|----------|
| 1 carcase of bullock .....         | 4½ cwts. |
| 7 pairs of lungs .....             |          |
| Portions of a carcase of cow ..... | 58 lbs.  |

Diseased, unsound or unwholesome meat, other than above:—

|                         |          |
|-------------------------|----------|
| 1 carcase of lamb ..... | 27 lbs.  |
| 1 carcase of pig .....  | 106 lbs. |
| 13 livers .....         | 140 lbs. |
| Chilled beef .....      | 92 lbs.  |

Other Foodstuffs:—

|                  |          |
|------------------|----------|
| White hake ..... | 6 lbs.   |
| Salmon .....     | 18½ lbs. |
| Halibut .....    | 87 lbs.  |
| Cod .....        | 79½ lbs. |
| Gurnard .....    | 4½ lbs.  |
| Crabs .....      | 1 barrel |
| Rabbits .....    | 174      |
| Pears .....      | 6 boxes  |

Tinned Goods:—

|                    |        |
|--------------------|--------|
| Tongue .....       | 2 tins |
| Corned beef .....  | 2 tins |
| Salmon .....       | 3 tins |
| Lobster .....      | 2 tins |
| Herrings .....     | 1 tin  |
| Baked beans .....  | 2 tins |
| Tomatoes .....     | 3 tins |
| Raspberries .....  | 1 tin  |
| Apricots .....     | 3 tins |
| Strawberries ..... | 3 tins |
| Pears .....        | 1 tin  |
| Pineapple .....    | 3 tins |
| Fruit salad .....  | 1 tin  |
| Greengages .....   | 2 tins |
| Loganberries ..... | 1 tin  |

## LEGAL PROCEEDINGS.

No legal proceedings have been necessary.

## FOOD POISONING.

I have had no information relative to the outbreak of any food poisoning during the year.

## FOOD AND DRUGS ACTS.

These Acts are also administered in the Borough by the County Police Authorities, who, during the year, have obtained and had analysed the following 42 samples:—

|                     |    |
|---------------------|----|
| Milk .....          | 23 |
| Butter .....        | 2  |
| Margarine .....     | 2  |
| Cheese .....        | 1  |
| White pepper .....  | 3  |
| Ground ginger ..... | 5  |
| Coffee .....        | 3  |
| Apples .....        | 3  |

All the above samples were stated by the analyst to be genuine. 68 samples of milk have been taken informally by your officers and analysed at the Public Laboratory, all being found to be genuine.

No action has been taken by the Local Authority under the Condensed Milk Regulations, 1923, the Dried Milk Regulations, 1923, or the Milk and Cream Regulations, 1912-17.

## VII.—PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES.

Reviewing the prevalence of notifiable infectious diseases since 1920, the only outstanding feature is the outbreak of smallpox that occurred in 1923. This was made the subject of a special report published after this outbreak had subsided.

Total number of infectious diseases notified during year 200  
 Total number of infectious diseases notified in 1924 ..... 163  
 (Measles and German measles were taken off the list of notifiable diseases on the 1st January, 1920).

Average number of notifications per year for the last  
 10 years ..... 429

Diseases showing a decrease on last year's notifications:—

|                                  |    |
|----------------------------------|----|
| Enteric fever .....              | -1 |
| Puerperal fever .....            | -1 |
| Encephalitis Lethargica .....    | -2 |
| Pulmonary Tuberculosis .....     | -2 |
| Pneumonia .....                  | -4 |
| Non-pulmonary Tuberculosis ..... | -8 |

Diseases showing increases on last year's notifications:—

|                            |    |
|----------------------------|----|
| Opthalmia Neonatorum ..... | 1  |
| Diphtheria .....           | 6  |
| Erysipelas .....           | 14 |
| Scarlet fever .....        | 34 |

The following tables show the number of cases of each notifiable disease for the past 10 years (except where the notifications have been compulsory for less than that period) and the monthly and Ward Analysis during 1925.

| Year            | Smallpox | Scarlet Fever | Enteric Fever | Puerperal Fever | Diphtheria | Membraneous Group | Erysipelas | Measles | Ger. Measles | Pulmonary Tuberculosis | Tuberculosis (other forms) | Opthalmia Neonatorum | Ac. Poliomyelitis | Cerebro-Spinal Meningitis | Pneumonia | Malaria | Dysentery | Enceph. Letharg | Chicken Pox | Total |
|-----------------|----------|---------------|---------------|-----------------|------------|-------------------|------------|---------|--------------|------------------------|----------------------------|----------------------|-------------------|---------------------------|-----------|---------|-----------|-----------------|-------------|-------|
| 1916 ...        | 85       | 4             | ...           | 52              | ...        | 13                | 1033       | 65      | 38           | 12                     | 5                          | ...                  | ...               | ...                       | ...       | ...     | ...       | ...             | ...         | 1307  |
| 1917 ...        | 46       | 1             | ...           | 46              | 1          | 12                | 127        | 2       | 36           | 18                     | ...                        | ...                  | ...               | ...                       | ...       | ...     | ...       | ...             | ...         | 289   |
| 1918 ...        | 28       | ...           | ...           | 25              | 2          | 13                | 1020       | ...     | 28           | 14                     | 3                          | ...                  | ...               | ...                       | ...       | ...     | ...       | ...             | ...         | 1133  |
| 1919 ...        | 65       | 3             | 1             | 15              | ...        | 22                | 202        | 8       | 32           | 15                     | 3                          | 1                    | ...               | 65                        | 11        | 3       | ...       | ...             | ...         | 446   |
| 1920 ...        | 128      | 1             | 1             | 54              | 1          | 21                | ...        | ...     | 22           | 23                     | 11                         | ...                  | ...               | 12                        | 1         | ...     | ...       | ...             | ...         | 275   |
| 1921 ...        | 45       | 1             | ...           | 31              | ...        | 7                 | ...        | ...     | 36           | 20                     | 6                          | ...                  | ...               | 5                         | ...       | ...     | ...       | ...             | ...         | 151   |
| 1922 ...        | 16       | 4             | ...           | 10              | ...        | 10                | ...        | ...     | 29           | 12                     | 2                          | ...                  | ...               | 15                        | ...       | ...     | ...       | ...             | ...         | 98    |
| 1923 79         | 42       | 3             | ...           | 4               | ...        | 12                | ...        | ...     | 24           | 10                     | 3                          | ...                  | ...               | 23                        | ...       | ...     | 2         | 26              | ...         | 228   |
| 1924 ...        | 44       | 1             | 1             | 10              | ...        | 13                | ...        | ...     | 35           | 22                     | ...                        | ...                  | ...               | 33                        | ...       | ...     | 4         | ...             | ...         | 163   |
| 1925 ...        | 78       | ...           | ...           | 16              | ...        | 27                | ...        | ...     | 33           | 14                     | 1                          | ...                  | ...               | 29                        | ...       | ...     | 2         | ...             | ...         | 200   |
| Av. for 10 yrs. | 79       | 57.7          | 1.8           | 3               | 26.3       | .4                | 15.0       | ...     | ...          | 31.3                   | 16.0                       | 3.4                  | .1                | ...                       | ...       | ...     | ...       | ...             | ...         | 429   |

## MONTHLY INCIDENCE OF NOTIFIED DISEASES.

| Disease                              | Jan. | Feb | Mar | Apl. | May | Jun. | July | Aug. | Sep. | Oct. | Nov | Dec. | Total |
|--------------------------------------|------|-----|-----|------|-----|------|------|------|------|------|-----|------|-------|
| Smallpox .....                       | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Cholera .....                        | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Plague .....                         | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Diphtheria and<br>Memb Croup .....   | ...  | ... | 3   | 2    | 1   | 2    | 1    | 3    | 3    | 1    | ... | ...  | 16    |
| Erysipelas .....                     | 1    | 2   | 3   | ...  | 1   | ...  | 1    | 2    | 2    | 6    | 3   | 6    | 27    |
| Scarlet Fever.....                   | 4    | 4   | 10  | 2    | 4   | 3    | 3    | 12   | 6    | 11   | 12  | 7    | 78    |
| Typhus Fever ...                     | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Enteric Fever ...                    | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Relapsing Fever ...                  | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Continued Fever ...                  | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Puerperal Fever ...                  | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Cerebro Spinal<br>Meningitis .....   | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Poliomyelitis.....                   | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Ophthalmia<br>Neonatorum .....       | ...  | ... | ... | ...  | ... | 1    | ...  | ...  | ...  | ...  | ... | ...  | 1     |
| Pulmonary<br>Tuberculosis .....      | 1    | 7   | 4   | 2    | 4   | 5    | 1    | 4    | 2    | 1    | 1   | 1    | 33    |
| Other forms of<br>Tuberculosis ..... | ...  | 1   | ... | 1    | 2   | 3    | 2    | 2    | ...  | 2    | ... | 1    | 14    |
| Malaria .....                        | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Enceph. Letharg. ..                  | 1    | ... | ... | ...  | ... | ...  | ...  | ...  | 1    | ...  | ... | ...  | 2     |
| Dysentery .....                      | ...  | ... | ... | ...  | ... | ...  | ...  | ...  | ...  | ...  | ... | ...  | ...   |
| Pneumonia .....                      | 3    | 4   | 2   | 2    | 7   | 1    | ...  | ...  | 4    | 2    | 2   | 2    | 29    |
| Totals .                             | 10   | 18  | 22  | 9    | 19  | 15   | 8    | 23   | 18   | 23   | 18  | 17   | 200   |

## WARD ANALYSIS OF NOTIFICATIONS.

| Disease                          | Bradley | Central | Netherfield | Southfield | Walverden | Whitefield | Total |
|----------------------------------|---------|---------|-------------|------------|-----------|------------|-------|
| Smallpox .....                   | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Scarlet Fever .....              | 8       | 12      | 17          | 20         | 16        | 5          | 78    |
| Diphtheria and Memb. Croup ..... | 3       | 2       | 3           | 2          | 5         | 1          | 16    |
| Typhus Fever .....               | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Enteric Fever .....              | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Continued Fever .....            | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Relapsing Fever .....            | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Puerperal Fever .....            | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Erysipelas .....                 | 4       | 1       | 7           | 4          | 7         | 4          | 27    |
| Pulmonary Tuberculosis .....     | 4       | 2       | 7           | 10         | 7         | 3          | 33    |
| Non-Pulmonary Tuberculosis ..... | ...     | 3       | 2           | 4          | 4         | 1          | 14    |
| Ophthalmia Neonatorum .....      | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Acute Poliomyelitis.....         | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Cerebro-Spinal Fever .....       | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Pneumonia .....                  | 8       | 3       | 5           | 6          | 5         | 2          | 29    |
| Malaria .....                    | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Dysentery .....                  | ...     | ...     | ...         | ...        | ...       | ...        | ...   |
| Encephalitis Lethargica.....     | ...     | ...     | 1           | ...        | 1         | ...        | 2     |
| Total.....                       | 28      | 23      | 42          | 46         | 45        | 16         | 200   |

## DIPHTHERIA AND MEMBRANOUS CROUP.

|                                                                 |      |
|-----------------------------------------------------------------|------|
| Cases Notified .....                                            | 16   |
| Number of deaths .....                                          | 2    |
| Case mortality per cent. ....                                   | 12.5 |
| Cases removed to Hospital .....                                 | Nil  |
| No of cases in which Anti-Diphtheritic serum was injected ..... | 15   |
| No. of Bulbs (2,000 units each) supplied free .....             | 32   |
| No. of Swabs taken for diagnostic purposes .....                | 25   |
| No. positive .....                                              | 7    |
| No. negative .....                                              | 18   |
| No. of cases under school age .....                             | 1    |
| „ cases over school age .....                                   | 6    |
| „ cases attending school .....                                  | 9    |
| „ houses having 2 cases .....                                   | —    |
| „ houses having 1 case .....                                    | 16   |
| } 16 houses affected                                            |      |

A supply of antitoxin is kept on hand at the Police Station, and is available for use by the medical practitioners at any time.

## ENCEPHALITIS LETHARGICA.

|                                  |                              |
|----------------------------------|------------------------------|
| No. of cases reported .....      | 2                            |
| Ages of patients .....           | F. 43, F. 59                 |
| Ward of Borough .....            | 1 Netherfield, 1 Southfield. |
| No. of deaths .....              | 1                            |
| Case of mortality per cent. .... | 50                           |

Since made notifiable, only 8 cases of this disease have been notified, and in no instance has any connection been traced between the cases.

## SCARLET FEVER.

|                                     |     |
|-------------------------------------|-----|
| Cases notified .....                | 78  |
| Number of deaths .....              | 2   |
| Case of mortality per cent. ....    | 2.6 |
| Cases removed to Hospital .....     | 10  |
| No. of cases under school age ..... | 9   |
| „ cases over school age .....       | 13  |
| „ cases attending school .....      | 56  |
| „ houses having 1 case .....        | 69  |
| „ houses having 2 cases .....       | 3   |
| „ houses having 3 cases .....       | 1   |
| } 73 houses affected.               |     |

There have been no return cases notified during the year.

## PNEUMONIA.

|                                                   |    |
|---------------------------------------------------|----|
| Total number of cases of pneumonia .....          | 29 |
| Primary pneumonia .....                           | 26 |
| Lobar pneumonia .....                             | 3  |
| Number of deaths from pneumonia (all forms) ..... | 29 |

## MALARIA, DYSENTERY AND TRENCH FEVER.

No cases of these diseases have been notified during the year, the last cases to be notified being 11 cases of malaria and 3 of dysentery in 1919, and 1 case of malaria in 1920.

## ENTERIC FEVER.

|                               |     |
|-------------------------------|-----|
| No. of cases notified .....   | Nil |
| No. of deaths .....           | Nil |
| Case mortality per cent. .... | Nil |

## ERYSIPELAS.

|                             |    |
|-----------------------------|----|
| No. of cases notified ..... | 27 |
| No. of deaths .....         | 1  |

## PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

These are carried out at the Public Health Laboratory, 21 Carr Road, each doctor being supplied with the necessary outfits for taking the specimens to be examined.

## NO. OF SPECIMENS SENT OR OBTAINED FOR EXAMINATION.

|                                                          |     |
|----------------------------------------------------------|-----|
| Swabs for Diphtheria .....                               | 25  |
| Sputum for T.B. ....                                     | 41  |
| Sputum for other organisms .....                         | 2   |
| Hair for Ringworm .....                                  | 18  |
| Blood, general examination .....                         | 6   |
| "    Widal reaction .....                                | 3   |
| Urine, bacteriological and general .....                 | 33  |
| Pus, general examination .....                           | 2   |
| "    Gonococcus .....                                    | 8   |
| Pus, for T.B. ....                                       | 1   |
| Cerebro-spinal fluid .....                               | 1   |
| Specimens from animals for T.B. and other diseases ..... | 6   |
| Water for examination and analysis .....                 | 18  |
| Milk for T.B. ....                                       | 7   |
| Milk for S.G., solids, fats, &c. ....                    | 63  |
| Deposits from milk .....                                 | 14  |
| Faeces .....                                             | 1   |
| Manurial products .....                                  | 4   |
| Other specimens, including tissues, &c. ....             | 38  |
| Total number of specimens .....                          | 296 |

Total number of examinations made in connection with  
the above specimens ..... 528

#### CONTACTS, RETURN CASES, CARRIER CASES.

No action has been necessary in regard to any of the above cases.

#### SCHICK AND DICK TESTS.

These tests have not been used, nor has any method of immunization against diphtheria or scarlet fever been applied.

#### VACCINATION.

No vaccination has been performed by the Medical Officer of Health under the Public Health (Smallpox Prevention) Regulations, 1917.

#### OTHER DISEASES.

Measles, whooping cough, chickenpox and diarrhoea are not notifiable in the Borough. Indication of the prevalence of these diseases is shown from the returns of the work of the School Medical Services Department and the reports of the Health Visitors. Measles was prevalent during the months April and June, without assuming serious epidemic form, and a mild epidemic of chickenpox occurred towards the close of the year. A number of cases of whooping cough was also brought to my notice, chiefly amongst the younger children, but no epidemic occurred. No record of the number of cases, however, is available.

Measles—No. of deaths, 6; increase on last year, 4.

Whooping Cough—No. of deaths, 8; increase on last year, 4.

Diarrhoea and Enteritis—No. of deaths (under 2 years), 2; decrease on last year, 1

Rate per 1,000 of population, 0.05.

#### SCHOOL CLOSURE.

It has not been found necessary to close any of the schools during the year on account of infectious disease.

## SCHOOLS AFFECTED (SCARLET FEVER AND DIPHTHERIA).

|                       | Scarlet Fever | Diphtheria |
|-----------------------|---------------|------------|
| Bradley .....         | 3             | 2          |
| Bradshaw Street ..... | 10            | 1          |
| Walverden .....       | 12            | 0          |
| Whitefield .....      | 10            | 3          |
| Lomeshaye .....       | 2             | 0          |
| Leeds Road .....      | 5             | 0          |
| St. John's .....      | 6             | 1          |
| St. Paul's .....      | 0             | 0          |
| St. Joseph's .....    | 0             | 0          |
| St. George's .....    | 1             | 0          |
| Holy Saviour's .....  | 4             | 0          |
| Secondary .....       | 0             | 1          |
| Outside Borough ..... | 3             | 1          |
| Total .....           | 56            | 9          |

No reports have been made during 1925 under Section 14 (4) of the Sanitary Officers Order, 1922.

## INFLUENZA.

|                                                      |    |
|------------------------------------------------------|----|
| No. of deaths from influenza occurring in 1925 ..... | 3  |
| No. of deaths from influenza occurring in 1924 ..... | 41 |
| Decrease for last year .....                         | 32 |

An epidemic of mild influenza occurred during the first half of the year. Its effect was noticeable by the prevalence of throat affections, this being more particularly brought to my attention during the routine examination of the children at schools, when an unusual number of children were found with follicular tonsilitis and gland affections.

## CANCER, ANTHRAX, AND RABIES.

No special attention has been given in the case of anthrax or rabies, no cases having occurred to my knowledge. In regard to cancer, arrangements have been made for the pathological examination at the Public Health Laboratory of specimens sent from the local Hospital, and from private practitioners. This is an aid to diagnosis of the disease in its earlier stages. I submit a list of the number of deaths that have occurred from malignant disease in Nelson each year for the past 15 years, with the death rate per 1,000 of population from this disease. During these years the figures show an upward tendency.

| Year       | No. of Deaths<br>from Cancer<br>(Malignant Disease) | Death Rate from<br>this disease per<br>1000 of population | Total Deaths<br>Rate per 1000<br>of population |
|------------|-----------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|
| 1911 ..... | 35 .....                                            | 0.88 .....                                                | 10.1                                           |
| 1912 ..... | 29 .....                                            | 0.72 .....                                                | 11.8                                           |
| 1913 ..... | 39 .....                                            | 0.97 .....                                                | 11.5                                           |
| 1914 ..... | 29 .....                                            | 0.69 .....                                                | 11.4                                           |
| 1915 ..... | 27 .....                                            | 0.66 .....                                                | 10.9                                           |
| 1916 ..... | 41 .....                                            | 1.03 .....                                                | 11.7                                           |
| 1917 ..... | 37 .....                                            | 1.01 .....                                                | 12.2                                           |
| 1918 ..... | 37 .....                                            | 1.01 .....                                                | 14.2                                           |
| 1919 ..... | 27 .....                                            | 0.65 .....                                                | 11.6                                           |
| 1920 ..... | 50 .....                                            | 1.16 .....                                                | 9.5                                            |
| 1921 ..... | 40 .....                                            | 0.98 .....                                                | 10.4                                           |
| 1922 ..... | 47 .....                                            | 1.15 .....                                                | 12.8                                           |
| 1923 ..... | 51 .....                                            | 1.26 .....                                                | 11.1                                           |
| 1924 ..... | 53 .....                                            | 1.30 .....                                                | 13.3                                           |
| 1925 ..... | 60 .....                                            | 1.50 .....                                                | 11.9                                           |

#### DISINFECTION.

After convalescence, disinfection of the rooms and bedding is carried out, on request, in cases of measles, erysipelas, non-pulmonary tuberculosis, pneumonia, malaria, and dysentery, and compulsorily in the other cases. Clothing and bedding are treated through a steam disinfector; books, boots, &c., are exposed to formaldehyde gas in a closed chamber, and the rooms are sprayed with formalin and then fumigated with formaldehyde gas. The disinfector is situated at the Destructor Works, Charles Street, steam being supplied from the Destructor boiler.

|                                                         |      |
|---------------------------------------------------------|------|
| No. of rooms fumigated and sprayed .....                | 29½  |
| „ „ articles of bedding disinfected .....               | 1813 |
| „ „ articles of wearing apparel disinfected .....       | 359  |
| „ „ miscellaneous articles disinfected .....            | 74   |
| „ „ books, boots, &c., disinfected (formaldehyde) ..... | 44   |
| „ „ schools fumigated and sprayed .....                 | 0    |

The Disinfecting Station is adapted for use for the cleansing of verminous persons. There has been no instance during the year of disinfestation being carried out.

## CASES OF INFECTIOUS DISEASE NOTIFIED DURING 1925.

| NOTIFIABLE DISEASES.                       | Number of Cases Notified. |                  |              |              |              |              |               |                |                |                |                |                |                   | Deaths in hos-<br>pital of<br>p'rs'ns<br>remov-<br>ed to<br>Hosptl<br>belong-<br>ing to<br>dist. |              |                                      |         |                  |                 |                |                                             |
|--------------------------------------------|---------------------------|------------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------------------------------------------------------------------------------------|--------------|--------------------------------------|---------|------------------|-----------------|----------------|---------------------------------------------|
|                                            | At<br>all<br>ages         | At Ages — Years. |              |              |              |              |               |                |                |                |                |                |                   |                                                                                                  | Total Deaths | Total cases notified in each<br>Ward |         |                  |                 |                | Total<br>cases<br>remov-<br>ed to<br>Hosptl |
|                                            |                           | Un-<br>der<br>1  | 1<br>to<br>2 | 2<br>to<br>3 | 3<br>to<br>4 | 4<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>35 | 35<br>to<br>45 | 45<br>to<br>65 | 65<br>and<br>over |                                                                                                  |              | Bradley                              | Central | Nether-<br>field | South-<br>field | Walver-<br>den |                                             |
| Smallpox .....                             | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Cholera.....                               | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Plague .....                               | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Diphtheria (including<br>Membranous Group) | 16                        | ...              | ...          | ...          | ...          | 1            | 1             | 8              | 1              | 4              | 1              | ...            | ...               | 2                                                                                                | 3            | 2                                    | 2       | 5                | 1               | ...            |                                             |
| Erysipelas .....                           | 27                        | ...              | ...          | ...          | ...          | ...          | 1             | 1              | 1              | 5              | 4              | 12             | 4                 | 1                                                                                                | 4            | 1                                    | 7       | 4                | 7               | 4              | ...                                         |
| Scarlet Fever .....                        | 78                        | 2                | ...          | ...          | 5            | 6            | 35            | 18             | 7              | 5              | ...            | ...            | ...               | 2                                                                                                | 8            | 12                                   | 17      | 20               | 16              | 5              | 10                                          |
| Typhus Fever.....                          | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Enteric Fever.....                         | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Relapsing Fever .....                      | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Continued Fever.....                       | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Puerperal Fever .....                      | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | 1                                                                                                | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Cerebro-Spinal Meningitis                  | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Poliomyelitis .....                        | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Encephalitis Lethargica...                 | 2                         | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | 1              | 1                 | ...                                                                                              | ...          | ...                                  | ...     | ...              | 1               | ...            | ...                                         |
| Ophthalmia Neonatorum                      | 1                         | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | 23                                                                                               | 1            | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Pulmonary Tuberculosis                     | 33                        | ...              | ...          | ...          | ...          | ...          | ...           | ...            | 5              | 12             | 9              | 7              | ...               | ...                                                                                              | 4            | 2                                    | 7       | 10               | 7               | 3              | ...                                         |
| Other forms of Tub'rc'l'sis                | 14                        | ...              | ...          | ...          | ...          | 1            | 3             | 4              | ...            | 2              | 3              | 1              | ...               | 8                                                                                                | ...          | 3                                    | 2       | 4                | 4               | 1              | ...                                         |
| Pneumonia .....                            | 29                        | ...              | 2            | 1            | 1            | ...          | 3             | ...            | 3              | 6              | 3              | 10             | ...               | 29                                                                                               | 8            | 3                                    | 5       | 6                | 5               | 2              | ...                                         |
| Malaria.....                               | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Disentery.....                             | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Chicken Pox .....                          | ...                       | ...              | ...          | ...          | ...          | ...          | ...           | ...            | ...            | ...            | ...            | ...            | ...               | ...                                                                                              | ...          | ...                                  | ...     | ...              | ...             | ...            | ...                                         |
| Totals.....                                | 200                       | 1                | 4            | 1            | 6            | 8            | 42            | 31             | 17             | 34             | 21             | 31             | 4                 | 67                                                                                               | 28           | 23                                   | 42      | 46               | 45              | 16             | 10                                          |

## TUBERCULOSIS.

|                                                         |    |
|---------------------------------------------------------|----|
| No. of cases of Pulmonary Tuberculosis notified .....   | 33 |
| „ „ cases of other forms of Tuberculosis notified ..... | 14 |
| Notifications from Sanatoria, admitted .....            | 28 |
| „ „ Sanatoria, discharged .....                         | 25 |
| „ „ School Medical Officer (included above) .....       | 2  |

## NEW CASES AND MORTALITY DURING 1925.

| Age<br>Period,<br>Years | New Cases |    |               |    | Deaths    |    |               |    |
|-------------------------|-----------|----|---------------|----|-----------|----|---------------|----|
|                         | Pulmonary |    | Non-pulmonary |    | Pulmonary |    | Non-pulmonary |    |
|                         | M.        | F. | M.            | F. | M.        | F. | M.            | F. |
| 0—1                     | —         | —  | —             | —  | —         | —  | 1             | —  |
| 1—5                     | —         | —  | 1             | —  | —         | —  | 1             | —  |
| 5—10                    | —         | —  | 1             | 2  | —         | —  | —             | 2  |
| 10—15                   | —         | —  | 1             | 3  | —         | —  | —             | —  |
| 15—20                   | 3         | 2  | —             | —  | 1         | 3  | 1             | —  |
| 20—25                   | —         | 4  | —             | 1  | 3         | 1  | —             | —  |
| 25—35                   | 4         | 4  | 1             | —  | 2         | 1  | 1             | —  |
| 35—45                   | 7         | 2  | 1             | 2  | 1         | 1  | —             | —  |
| 45—55                   | 3         | 2  | —             | 1  | 6         | 1  | 1             | 1  |
| 55—65                   | 1         | 1  | —             | —  | 2         | 1  | —             | —  |
| 65 and<br>over          | —         | —  | —             | —  | —         | —  | —             | —  |
| Totals...               | 18        | 15 | 5             | 9  | 15        | 8  | 5             | 3  |
|                         | 33        |    | 14            |    | 23        |    | 8             |    |

|                                                    |      |
|----------------------------------------------------|------|
| Death rate per 1,000 of population, Phthisis ..... | 0.57 |
| Non-pulmonary Tuberculosis .....                   | 0.20 |

Amongst the deaths from tuberculosis are 4 cases which have not been notified to this authority, 2 pulmonary, and 2 non-pulmonary infections. In each case, however, the death occurred at an institution outside Nelson, the deaths being inward transfers. The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is 4 to 31.

So far as cases occurring locally are concerned, notification is efficient and no case of wilful neglect or refusal to notify has occurred. No inference can be deducted, as regards Nelson conditions, of excessive incidence of tuberculosis in any particular occupation.

The following is a list of the occupation (if any) followed by patients notified during 1925:—

|                      | Pulmonary | Other Forms |
|----------------------|-----------|-------------|
| Weavers .....        | 19        | 2           |
| Baker .....          | 1         | 0           |
| Clerk .....          | 1         | 0           |
| Motor Driver .....   | 0         | 1           |
| Labourers .....      | 3         | 1           |
| Shop-keepers .....   | 3         | 0           |
| Winders .....        | 1         | 1           |
| Home duties .....    | 3         | 3           |
| No occupations ..... | 2         | 6           |

#### PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS.

No action has been necessary under these Regulations with reference to tuberculous employees in the milk trade.

#### PUBLIC HEALTH ACT, 1925, SECTION 62.

No action has been necessary under this section relative to the removal to hospital of patients suffering from pulmonary tuberculosis and who are without proper and suitable home accommodation.

I am indebted to Dr. MacPhee, the Consultant Tuberculosis Officer for this area, for the following report of the work carried out in Nelson, dealing with tuberculosis during 1925.

#### PREVENTION AND TREATMENT OF TUBERCULOSIS.

The County Council Tuberculosis Dispensary of the Lancashire County Council is situated at 64 Carr Road, Nelson. It is, therefore, most conveniently placed for the Borough of Nelson, and is open for insured and non-insured persons alike.

The County Consultant Tuberculosis Officer is in attendance twice a week, on Tuesday and Friday afternoons at 2 p.m., and in order to suit the convenience of patients who cannot conveniently leave their work, an evening session is held once a month.

NOTIFICATIONS OF PERSONS SUFFERING FROM TUBERCULOSIS IN  
THE BOROUGH OF NELSON IN 1925.

|                                                    | Pulmonary | Non-pul. | Total |
|----------------------------------------------------|-----------|----------|-------|
| Form A (new cases) .....                           | 28        | 13       | 43    |
| Form B (School Medical<br>Officer) .....           | 0         | 2        |       |
| Form C (Admissions to<br>Institutions) .....       | 3         | 0        |       |
| Form D (Discharges from<br>Institutions) .....     | 2         | 1        |       |
| No. of new patients examined at the Dispensary ... |           |          | 92    |
| No. of new patients examined at their homes .....  |           |          | 16    |
| Total .....                                        |           |          | 108   |

Of the total of 108 cases were found to be suffering from tuberculosis in one form or another, and 65 were discharged, after varying periods of observation, as non-tuberculous.

|                                                                                          |     |
|------------------------------------------------------------------------------------------|-----|
| No. of re-examinations of " Old " cases .....                                            | 257 |
| „ „ patients recommended to their doctors for<br>treatment at home .....                 | 17  |
| „ „ patients who received treatment in<br>Sanatoria (" early " cases) .....              | 19  |
| „ „ patients who received treatment in Pul-<br>monary Hospitals (" advanced " cases) ... | 4   |
| „ „ patients who received treatment in General<br>Hospitals (" surgical " cases) .....   | 4   |
| „ „ patients who received treatment in Special<br>Hospital (skin cases) .....            | 2   |
| „ „ „ (orthopaedic) .....                                                                | 11  |
| „ „ No. of X-ray examinations made .....                                                 | 50  |

Details are appended of the work in Nelson of the Tuberculosis Health Visitor, Nurse A. M. Alcock: —

|                                                  |      |
|--------------------------------------------------|------|
| No. of primary visits to patients .....          | 42   |
| No. of " following up " visits to patients ..... | 1196 |
| Total .....                                      | 1238 |

It may be noted that whilst there were 43 primary notifications, only 42 primary visits were made by the nurse. This apparent discrepancy is due to the fact that one case was notified from a mental hospital.

#### HOUSING CONDITIONS.

Of the 42 patients visited by the Health Visitor for the first time, 28 were suffering from pulmonary or lung tuberculosis, and the following table indicates the conditions found with regard to isolation in the home, and what was effected as a result of that visit:—

|                                                                                                          | Patients<br>occupying<br>separate<br>bedroom. | Patients<br>occupying<br>separate<br>bed but<br>others sharing<br>room. | Patients<br>occupying<br>bed with<br>another<br>person. |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------|
| Conditions in the home as regards isolation of the patients at the time of the Nurse's first visit ..... | 17                                            | 1                                                                       | 10                                                      |
| Conditions subsequent to and as a result of the Nurse's visit .....                                      | 27                                            | 1                                                                       | 0                                                       |

During the past year, in order to effect isolation, ten patients required assistance under the arrangement adopted by the County Tuberculosis Committee, whereby bedsteads and mattresses are given out on loan to necessitous cases.

Bed rests, air cushions, and other nursing utensils were lent to eight patients.

In regard to the actual nursing of cases—both pulmonary and non-pulmonary—in their own homes, 36 visits were made by Nurse Alcock for this purpose, with very great benefit and comfort to the patients.

During 1925 in the Borough of Nelson there were under observation 107 cases of pulmonary tuberculosis, and 62 cases of tuberculosis other than pulmonary. Of the 107 pulmonary cases, 79 at some time had tubercle bacilli present in the sputum. Of the latter number 12 are cases in which the disease is quiescent and the patients have been on full

work for over three years. There are, however, 67 cases which must be considered as sources or centres of infection, and it cannot be emphasised too strongly that the disease is mainly spread by the careless disposal of the sputum. Every effort from the public health point of view ought therefore to be concentrated on the early recognition of the case and, if infectious, its segregation and education, and to this end the continued co-operation of the medical practitioners in the Borough is most desirable.

Further, in so far as the home is concerned, the control of tuberculosis is very largely dependent on the efforts, industry, and tact of the Nurse and Health Visitor. With that end in view all patients with sputum are continually urged and encouraged to pay particular attention to its proper disposal, and to make use of the paper handkerchiefs and sputum utensils supplied from the Dispensary.

#### CARE WORK FOR TUBERCULOUS PATIENTS.

On the 18th March, 1925, the Lancashire County Council resolved to allocate a further sum of money to be used exclusively for Care-work under the Tuberculosis scheme, the main objects being:—

- (a) To assist in the purchase of clothing which patients need when they go to a Sanatorium or Hospital.
- (b) To provide food and clothes for the necessitous patients who are receiving treatment at home, and for those who have returned from any institution with no chance of resuming work.
- (c) To give assistance (in kind) to dependents, so as to enable patients, for whom institutional treatment has been recommended, to take advantage of the opportunities provided under the County Scheme.
- (d) All assistance, wherever possible, to be given by orders on tradesmen.

During the past year 16 patients were granted assistance under this scheme.

B. MACPHEE,

Consultant Tuberculosis Officer.

### VIII.—MATERNITY AND CHILD WELFARE.

Two Health Visitors are employed, who devote their whole time to Infant Welfare work. Following notification of the birth, all homes are visited, and supervision is exercised until the child attains 5 years of age. Visiting is also done in the case of ante-natal mothers of whom the Health Visitors are cognisant.

No. of Health Visitors ..... 2

No. of Notified Births:—

|                 |       |     |         |     |       |     |
|-----------------|-------|-----|---------|-----|-------|-----|
| Alive .....     | Males | 251 | Females | 265 | Total | 516 |
| Stillborn ..... | „     | 14  | „       | 9   | „     | 23  |
| Total .....     |       |     |         |     | 539   |     |

|                                                                   |       |
|-------------------------------------------------------------------|-------|
| Percentage of Still-born births .....                             | 4.2%  |
| Failure to notify birth .....                                     | Nil   |
| No. of infants visited during the year .....                      | 515   |
| „ visits made .....                                               | 4745  |
| Average number of visits per infant .....                         | 9.2   |
| No. of children visited (1—5 years) .....                         | 541   |
| „ visits made, 1—2 years, 1313 ; 2—5 years, 1393 ;                |       |
| Total .....                                                       | 2706  |
| Average number of visits per child .....                          | 5.0   |
| No. of Ante-Natal mothers visited .....                           | 219   |
| „ visits made .....                                               | 397   |
| Average number of visits per mother .....                         | 1.9   |
| No. of ineffectual calls .....                                    | 526   |
| „ special visits made, for supply of milk .....                   | 43    |
| „ special visits made, for assistance in Ophthalmia cases .....   | 6     |
| „ special visits made for nursing assistance in other cases ..... | 37    |
| „ confinements attended by medical practitioners .....            | 511   |
| „ confinements attended by midwives and other women .....         | 78    |
| Percentage attended by medical practitioners .....                | 94.8% |
| Number of illegitimate children notified:—                        |       |

Males 5.                      Females 12.                      Total 17.

|                                                            |           |
|------------------------------------------------------------|-----------|
| Percentages of illegitimate to total births notified ..... | 3.1%      |
| Cases of twin births notified .....                        | 4         |
| Percentage of twin births .....                            | 0.74%     |
| No. of pneumonia Jackets made .....                        | 25 pairs. |

# OCCUPATION OF MOTHERS WITHIN NINE MONTHS OF CONFINEMENT.

|                         |              |
|-------------------------|--------------|
| Cotton Operatives ..... | 242 or 45.2% |
| Housewives .....        | 273 or 51.1% |
| Other Occupations ..... | 20 or 3.7%   |

## PERIOD OF TIME BETWEEN WORKING AND CONFINEMENT.

|                       |             |
|-----------------------|-------------|
| Under One Month ..... | 41 or 15.6% |
| One Month .....       | 25 or 9.5%  |
| Two Months .....      | 51 or 19.5% |
| Three Months .....    | 61 or 23.3% |
| Four Months .....     | 38 or 14.5% |
| Five Months .....     | 18 or 6.8%  |
| Six Months .....      | 15 or 5.7%  |
| Seven Months .....    | 9 or 3.5%   |
| Eight Months .....    | 4 or 1.6%   |

## FIRST METHODS OF FEEDING INFANTS BORN DURING YEAR.

| Breast | Bottle | Breast<br>and Bottle | Spoon | Not Fed. |
|--------|--------|----------------------|-------|----------|
| 444    | 39     | 21                   | 5     | 5        |

Continuous records have been obtained of the methods of feeding 342 infants born during the period January 31st, 1924, to February 1st, 1925, with the following results:—

| Food Used                                        | First<br>fort-<br>night | 2—6<br>weeks | 6—13<br>weeks | 3—6<br>mths. | 6—9<br>mths. | 9—12<br>mths. |
|--------------------------------------------------|-------------------------|--------------|---------------|--------------|--------------|---------------|
| Breast .....                                     | 284                     | 234          | 190           | 157          | 124          | 55            |
| Breast and Cow's Milk .....                      | 5                       | 6            | 10            | 15           | 23           | 34            |
| Cow's Milk.....                                  | 50                      | 89           | 114           | 133          | 126          | 65            |
| Breast, Cow's Milk and Bread .....               | ...                     | ...          | ...           | ...          | 3            | 30            |
| Cow's Milk and Peptogenic Milk<br>Powder .....   | ...                     | 1            | ...           | ...          | ...          | ...           |
| Cow's Milk and Bread.....                        | ...                     | ...          | ...           | 1            | 5            | 50            |
| Cow's Milk, Rusks or Crusts.....                 | ...                     | ...          | ...           | ...          | 2            | 44            |
| Cow's Milk, Rusks, Oatmeal Jelly,<br>Gravy ..... | ...                     | ...          | ...           | ...          | 9            | 11            |
| Nestle's Milk.....                               | 1                       | 4            | 3             | 2            | 2            | 1             |
| Berner's Swiss Milk.....                         | ...                     | ...          | 2             | 1            | 2            | 2             |
| Glaxo .....                                      | 1                       | 4            | 13            | 15           | 21           | 20            |
| Allenbury's Food.....                            | ...                     | 3            | 6             | 7            | 12           | 11            |
| Neave's Food.....                                | ...                     | ...          | 1             | 3            | 1            | 2             |
| Cow and Gate Food.....                           | ...                     | ...          | 1             | 1            | 1            | 2             |
| Moseley's Food.....                              | ...                     | ...          | ...           | 2            | 4            | 4             |
| Breast and Moseley's Food .....                  | ...                     | ...          | 1             | 1            | ...          | ...           |
| Almata... ..                                     | ...                     | ...          | ...           | 3            | 3            | ...           |
| Trufood .....                                    | 1                       | 1            | 1             | 1            | 1            | 1             |
| Hooker's Malted Milk.....                        | ...                     | ...          | ...           | ...          | 1            | 1             |
| Allinson's Food.....                             | ...                     | ...          | ...           | ...          | 2            | 2             |



## ATTENDANCES OF CHILDREN IN DETAIL.

| INFANTS.                          |    | CHILDREN.                         |     |
|-----------------------------------|----|-----------------------------------|-----|
| One Attendance .....              | 79 | One Attendance .....              | 110 |
| Two Attendances .....             | 53 | Two Attendances .....             | 59  |
| Three       ,,       .....        | 29 | Three       ,,       .....        | 24  |
| Four       ,,       .....         | 21 | Four       ,,       .....         | 15  |
| Five       ,,       .....         | 21 | Five       ,,       .....         | 9   |
| Six       ,,       .....          | 10 | Six       ,,       .....          | 10  |
| Seven       ,,       .....        | 16 | Seven       ,,       .....        | 5   |
| Eight       ,,       .....        | 10 | Eight       ,,       .....        | 10  |
| Nine       ,,       .....         | 4  | Nine       ,,       .....         | 5   |
| Ten       ,,       .....          | 5  | Ten       ,,       .....          | 3   |
| Eleven       ,,       .....       | 3  | Eleven       ,,       .....       | 2   |
| Twelve       ,,       .....       | 2  | Twelve       ,,       .....       | 2   |
| Thirteen       ,,       .....     | 1  | Thirteen       ,,       .....     | 6   |
| Fourteen       ,,       .....     | 2  | Fourteen       ,,       .....     | 1   |
| Fifteen       ,,       .....      | 3  | Fifteen       ,,       .....      | 1   |
| Seventeen       ,,       .....    | 2  | Sixteen       ,,       .....      | 1   |
| Eighteen       ,,       .....     | 2  | Seventeen       ,,       .....    | 1   |
| Twenty       ,,       .....       | 1  | Eighteen       ,,       .....     | 2   |
| Twenty-one       ,,       .....   | 1  | Twenty       ,,       .....       | 2   |
| Twenty-four       ,,       .....  | 2  | Twenty-three       ,,       ..... | 1   |
| Twenty-seven       ,,       ..... | 1  | Twenty-four       ,,       .....  | 1   |
|                                   |    | Twenty-five       ,,       .....  | 2   |
|                                   |    | Thirty-one       ,,       .....   | 1   |
|                                   |    | Forty       ,,       .....        | 1   |
|                                   |    | Forty-one       ,,       .....    | 1   |

A summary of the attendances of infants and expectant mothers from the various wards of the Borough gives the following figures:—

|          |             |                 |            |           |
|----------|-------------|-----------------|------------|-----------|
| Bradley. | Central     | Netherfield     | Southfield | Walverden |
| 79       | 57          | 114             | 126        | 125       |
|          | Whitefield. | Out of Borough. |            |           |
|          | 67          | 27              |            |           |

|                                                          |     |
|----------------------------------------------------------|-----|
| No. of infants for whom consultations were requested ... | 107 |
| No. of children for whom consultations were requested .  | 121 |
| Total consultations .....                                | 346 |

No. of consultations per Infant and Child :—

|                                      |  | Infants. | Children. |
|--------------------------------------|--|----------|-----------|
| No. requiring one consultation ..... |  | 78       | 84        |
| „ „ two consultations .....          |  | 17       | 20        |
| „ „ three „ .....                    |  | 4        | 7         |
| „ „ four „ .....                     |  | 3        | 2         |
| „ „ five „ .....                     |  | 2        | 3         |
| „ „ six „ .....                      |  | 3        | 1         |

#### MATERNITY HOMES, HOSPITALS, &c.

There are no Maternity Hospitals or other institutions for the reception of expectant mothers and young children as inpatients.

A Maternity Home for normal labour cases has been provided. The following figures are in relation to this Home, known as Fern Lea, situate in Netherfield Road, Nelson.

Date of re-opening—28th May, 1921.

Accommodation—10 Beds.

Staff—Under control of Matron and regulated according to number of patients. All patients attended whilst in the Home by their own Medical Practitioners.

|                                                                                          |     |
|------------------------------------------------------------------------------------------|-----|
| Number of patients admitted to Home from date of re-opening to 31st December, 1924 ..... | 645 |
| Number of patients admitted during year .....                                            | 204 |
| Number of Births for year Alive .....                                                    | 197 |
| „ „ „ Still Born .....                                                                   | 8   |
| No. of Twin Births .....                                                                 | 2   |
| Average number of days in Home per patient .....                                         | 14  |
| No. of Patients non-resident in the Borough .....                                        | 31  |
| No. of Deaths in Home .....                                                              | 3   |

| Date of Death | Age    | Cause of Death | Days in Home. |
|---------------|--------|----------------|---------------|
| May 23        | 3 days | Debility       | ...           |
| July 1        | 1 day  | Prematurity    | ...           |
| August 20     | 3 days | Debility       | ...           |

Application for admission to the Home is made on a special form, which is drawn up so that patients who are unable to pay the full fee may make application to the Sub-Committee for admission either at a reduced fee or entirely free, and opportunity is also given for the payment of the fee by instalments.

During the year 146 patients agreed to pay full fee, and 58 applied for a reduction of the fee. Of these latter, 39 were admitted at a reduced fee, and 10 were admitted free.

The following is a list of admissions to the Home per month for the year :—

| Month           | Number<br>Admitted | Number of Births |      | Number of Deaths |         |
|-----------------|--------------------|------------------|------|------------------|---------|
|                 |                    | Alive            | Dead | Infants          | Mothers |
| January .....   | 14                 | 14               | —    | —                | —       |
| February .....  | 19                 | 18               | 1    | —                | —       |
| March.....      | 17                 | 17               | —    | —                | —       |
| April .....     | ...                | ...              | —    | —                | —       |
| May.....        | 24                 | 23               | —    | 1                | —       |
| June .....      | 11                 | 11               | —    | —                | —       |
| July .....      | 27                 | 27               | 1    | 1                | —       |
| August .....    | 16                 | 16               | —    | 1                | —       |
| September ..... | 18                 | 17               | 1    | —                | —       |
| October .....   | 16                 | 14               | 2    | —                | —       |
| November .....  | 17                 | 15               | 1    | —                | —       |
| December .....  | 26                 | 25               | 2    | —                | —       |

Number of patients admitted per year since re-opening :—

|                        |     |
|------------------------|-----|
| 1921 (7 months) .....  | 28  |
| 1922 .....             | 66  |
| 1923 .....             | 148 |
| 1924 .....             | 199 |
| 1925 (11 months) ..... | 204 |

Average number of patients in residence per day throughout the year ..... 7.6

Average number of patients in residence per day, excluding period of closure ..... 8.2

The following table gives an idea as to how the beds have been occupied throughout the year :—

|                                                  |    |    |                     |    |    |
|--------------------------------------------------|----|----|---------------------|----|----|
| On 1 day during the year 16 beds were occupied.  |    |    |                     |    |    |
| ,, 2 days during the year 15 beds were occupied. |    |    |                     |    |    |
| ,, 2                                             | ,, | ,, | 14                  | ,, | ,, |
| ,, 12                                            | ,, | ,, | 13                  | ,, | ,, |
| ,, 24                                            | ,, | ,, | 12                  | ,, | ,, |
| ,, 26                                            | ,, | ,, | 11                  | ,, | ,, |
| ,, 47                                            | ,, | ,, | 10                  | ,, | ,, |
| ,, 43                                            | ,, | ,, | 9                   | ,, | ,, |
| ,, 38                                            | ,, | ,, | 8                   | ,, | ,, |
| ,, 39                                            | ,, | ,, | 7                   | ,, | ,, |
| ,, 50                                            | ,, | ,, | 6                   | ,, | ,, |
| ,, 27                                            | ,, | ,, | 5                   | ,, | ,, |
| ,, 11                                            | ,, | ,, | 4                   | ,, | ,, |
| ,, 18                                            | ,, | ,, | 3                   | ,, | ,, |
| ,, 1 day                                         | ,, | ,, | 2                   | ,, | ,, |
| ,, 1                                             | ,, | ,, | 1 bed was occupied. |    |    |
| ,, 23 days during the year the Home was empty.   |    |    |                     |    |    |

Of the 204 patients admitted, 31 or 15.2% were non-residents in the Borough, as against 25 or 12.5% out of Borough patients admitted during the previous year. The total births notified as having occurred in Nelson, including still-births, for the year was 537, and of these 205 occurred in the Maternity Home, the percentages, therefore, working out to 38.1% in Fern Lea and 61.9% at home, the percentages for last year being 38.7% and 61.3% respectively. Excluding the births relative to the 31 patients who were non-residents in Nelson, the figures would then be 34.3% of the births at Fern Lea and 65.8% at home, the figures for the previous year being 35.5% and 64.5% respectively.

#### INCIDENCE OF MATERNAL MORTALITY, STILL-BIRTHS, AND INFANT DEATHS.

|                                                           |   |
|-----------------------------------------------------------|---|
| No. of maternal deaths, puerperal sepsis .....            | 1 |
| Other accidents and diseases of pregnancy and parturition | 6 |

The death from puerperal sepsis occurred outside the Borough, no notification of the disease, therefore, being made to your authority.

|                                                                       |      |
|-----------------------------------------------------------------------|------|
| Death rate (maternal deaths) per 1000 of population ...               | 0.17 |
| Percentage of deaths to notified births, including still-births ..... | 1.3% |
| No. of still-births .....                                             | 23   |
| Percentage of still births to total notified births .....             | 7.2% |

## STILL-BIRTHS.

| Occupation of Mother | Time between working and confinement | Stage of development of child in months. | Other Children. |      |            |          | Attended by Doctor or Midwife. | Remarks.                      |
|----------------------|--------------------------------------|------------------------------------------|-----------------|------|------------|----------|--------------------------------|-------------------------------|
|                      |                                      |                                          | Alive           | Dead | Still-born | Abortion |                                |                               |
| Weaver.....          | 4 mths.                              | 7                                        | ...             | ...  | ...        | ...      | Doctor                         | Cause not known.              |
| Home Duties ...      | ...                                  | 7                                        | ...             | ...  | 3          | ...      | "                              | Very delicate mother.         |
| "                    | ...                                  | 7                                        | ...             | ...  | ...        | ...      | "                              | Cause not known.              |
| "                    | ...                                  | 7                                        | 1               | ...  | ...        | ...      | "                              | Placenta Prævia.              |
| "                    | ...                                  | 7                                        | ...             | ...  | ...        | ...      | "                              | Mother ill, Bright's Disease. |
| "                    | ...                                  | 7                                        | ...             | ...  | 1          | ...      | "                              | Fell downstairs at 4th month. |

## DIED DURING BIRTH.

| Occupation of Mother | Time between working and confinement | Stage of development of child in months | Other Children. |      |            |          | Attended by Doctor or Midwife.               | Remarks                        |
|----------------------|--------------------------------------|-----------------------------------------|-----------------|------|------------|----------|----------------------------------------------|--------------------------------|
|                      |                                      |                                         | Alive           | Dead | Still-born | Abortion |                                              |                                |
| Weaver.....          | 4 days                               | 9                                       | 1               | 1    | ...        | ...      | Doctor                                       | Injury at birth.               |
| "                    | 3 weeks                              | 9                                       | 1               | ...  | ...        | ...      | "                                            | Obstructed Labour.             |
| "                    | 7 "                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Strangulation by Cord.         |
| "                    | 3 mths.                              | 9                                       | ...             | ...  | ...        | ...      | "                                            | Prolapse of Cord.              |
| "                    | 4 "                                  | 9                                       | ...             | ...  | ...        | ...      | Midwife (Doctor came a few mins. afterwards) | Asphyxia by Cord.              |
| "                    | 5 "                                  | 9                                       | ...             | ...  | ...        | ...      | Doctor                                       | Malpresentation.               |
| "                    | 6 "                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Accidental Hæmorrhage          |
| "                    | 7 "                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Malpresentation.               |
| "                    | 7 "                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Placenta Prævia.               |
| Laundress .....      | 3 weeks                              | 9                                       | 1               | 1    | ...        | ...      | "                                            | Cause not known (illegitimate) |
| Home Duties ...      | ...                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Malpresentation.               |
| "                    | ...                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | "                              |
| "                    | ...                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | "                              |
| "                    | ...                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | "                              |
| "                    | ...                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Asphyxia by Cord,              |
| "                    | ...                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Contracted Pelvis              |
| "                    | ...                                  | 9                                       | ...             | ...  | ...        | ...      | "                                            | Decomposition of Cord.         |



# INFANTILE MORTALITY DURING THE YEAR 1925.

Nett Deaths from stated causes at various ages under One Year.

| CAUSES OF DEATH.                   | Under 1 day | 1 and under 2 days | 2 and under 3 days | 3 and under 4 days | 4 and under 5 days | 5 and under 6 days | 6 and under 7 days | Total 1 week | 1 and under 2 wks. | 2 and under 3 wks. | 3 and under 4 wks. | Total under 4 wks. | 1 and under 3 mths | 3 and under 6 mths | 6 and under 9 mths | 9 and under 12 mths | Total under 1 year |
|------------------------------------|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|
| ALL CAUSES.                        | 5           | 4                  | ...                | 2                  | ...                | ...                | ...                | 11           | 2                  | 1                  | 2                  | 16                 | 5                  | 10                 | 2                  | 4                   | 37                 |
| Smallpox .....                     | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Chicken-pox .....                  | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Measles .....                      | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | 1                  | 1                   | 2                  |
| Scarlet Fever .....                | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Whooping Cough .....               | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | 2                  | ...                | 1                   | 3                  |
| Diphtheria and Croup .....         | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Erysipelas .....                   | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Tubercular Meningitis .....        | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Abdominal Tuberculosis .....       | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | 1                   | 1                  |
| Other Tuberculous Diseases .....   | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Meningitis (not Tuberculous) ..... | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Convulsions .....                  | ...         | 1                  | ...                | ...                | ...                | ...                | ...                | 1            | 1                  | ...                | ...                | 2                  | ...                | 1                  | ...                | ...                 | 1                  |
| Influenza .....                    | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | 3                  |
| Bronchitis .....                   | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | 1                  | ...                 | 3                  |
| Pneumonia (all forms) .....        | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | 3                  |
| Diarrhoea .....                    | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | 3                  |
| Enteritis .....                    | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Gastritis .....                    | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | 1                  | ...                | ...                 | 2                  |
| Syphilis .....                     | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | 2                  |
| Rickets .....                      | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | 1                  | 1                  | 2                  | ...                | ...                | ...                | ...                 | ...                |
| Suffocation, Overlying .....       | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Injury at Birth .....              | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | ...                 | ...                |
| Atelectasis .....                  | 1           | ...                | ...                | ...                | ...                | ...                | ...                | 1            | ...                | ...                | ...                | ...                | ...                | 1                  | ...                | ...                 | 2                  |
| Congenital Malformations .....     | 1           | 1                  | ...                | ...                | ...                | ...                | ...                | 2            | 1                  | ...                | ...                | 3                  | ...                | ...                | ...                | ...                 | 2                  |
| Premature Birth .....              | 3           | 2                  | ...                | ...                | ...                | ...                | ...                | 5            | ...                | ...                | 1                  | 6                  | ...                | ...                | ...                | ...                 | 3                  |
| Atrophy, Debility, Marasmus .....  | ...         | ...                | ...                | ...                | ...                | ...                | ...                | 2            | ...                | ...                | ...                | 2                  | ...                | ...                | ...                | ...                 | 7                  |
| Other Causes .....                 | ...         | ...                | ...                | ...                | ...                | ...                | ...                | ...          | ...                | ...                | ...                | ...                | ...                | ...                | ...                | 1                   | 2                  |
| Totals .....                       | 5           | 4                  | ...                | 2                  | ...                | ...                | ...                | 11           | 2                  | 1                  | 2                  | 16                 | 5                  | 10                 | 2                  | 4                   | 37                 |

Nett Births registered during year { legitimate 456 illegitimate 16

Nett Deaths during year of { legitimate infants 33 illegitimate infants 4

By co-ordination between the Maternity Home and the Health Visitors, the latter are informed of intending patients. More ante-natal visiting can be accomplished, therefore, and the mothers recommended to attend the Welfare Centre if necessary.

No scheme is operative under your Council for dealing with unmarried mothers, illegitimate children, or children permanently or temporarily deprived of a home with their own parents.

Necessitous cases are supplied with free milk from their own milk dealers, under a scheme prepared by your committee. No food is provided.

No arrangements for orthopaedic treatment is provided for children under 5 years of age.

Maternity and child-welfare work is carried out entirely by the members of your staff. As the Medical Officer of Health is also School Medical Officer, co-ordination in the work of the two services is mutual.

Judging from the low number of cases reported of Puerperal Fever, Ophthalmia Neonatorum, Poliomyelitis and other infectious diseases of parturient women, infants and young children, the incidence of these diseases in Nelson will compare very favourably with other districts. No special methods of dealing with these diseases have been found necessary. No epidemic of diarrhoea has occurred and no special action has been taken regarding measles or whooping cough.

#### OPHTHALMIA NEONATORUM.

| Cases         |         |          | Vision unimpaired | Vision impaired | Total blindness | Deaths |
|---------------|---------|----------|-------------------|-----------------|-----------------|--------|
| Notified 1925 | Treated |          |                   |                 |                 |        |
|               | Home    | Hospital |                   |                 |                 |        |
| 1             | 1       | —        | 1                 | Nil             | Nil             | Nil    |

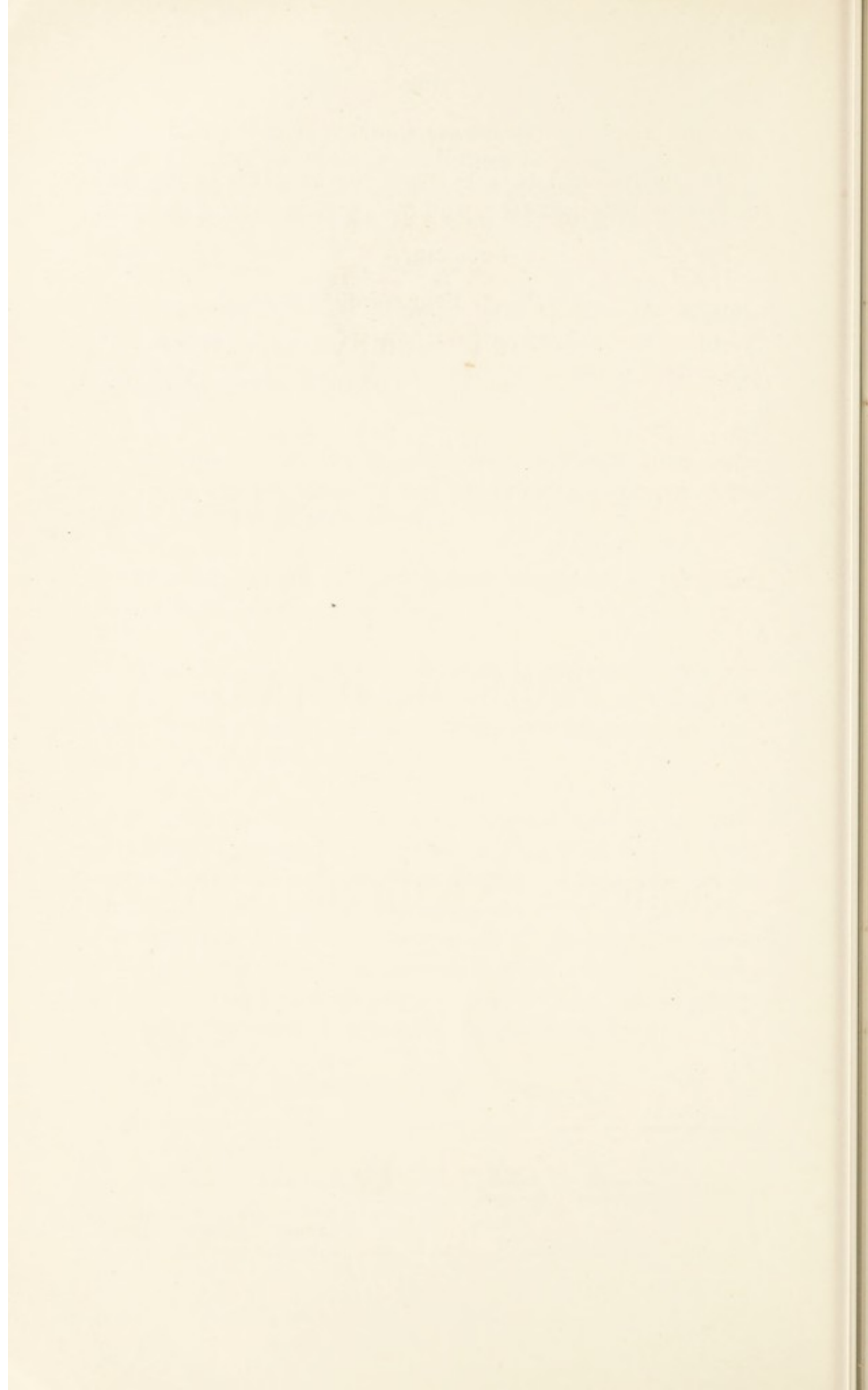
## CONCLUSION.

In conclusion, I have to thank the members of my staff for their willing assistance and co-operation during the year.

I remain,

Your obedient servant,

R. G. MARKHAM, M.B., D.P.H.,  
Medical Officer of Health.





BOROUGH OF NELSON.

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Annual Report

OF THE

School Medical Officer

For 1925.

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R. G. MARKHAM, M.B., D.P.H.,

School Medical Officer.

# BOROUGH OF NELSON.

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## School Medical Service Sub-Committee.

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THE MAYOR (Councillor J. H. S. Aitken) Chairman.

ALDERMAN E. BOOTHMAN.

ALDERMAN J. RICKARD.

ALDERMAN W. E. RILEY.

COUNCILLOR H. D. HAWORTH.

COUNCILLOR A. SMITH.

MRS. EDMONDSON.

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## Officers and Staff of the School Medical Service Department.

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School Medical Officer ... R. G. MARKHAM, M.B., D.P.H.

Dentist ..... MR. THOMAS JACKSON, L.D.S.

Nurses ... MISS E. SIMPSON & MRS. E. A. SAVILLE-SMITH

Clerk ..... A. WILDMAN

Organising Secretary for Education ... MR. JAS. SKINNER

School Clinic, 11 Carr Road.

# LIST OF SCHOOLS IN THE BOROUGH.

Municipal Secondary Day School ..... Market Street.

## ELEMENTARY SCHOOLS.

| PROVIDED—              |                      | Accommodation. | Average No.<br>on Rolls<br>Dec. 1925. |
|------------------------|----------------------|----------------|---------------------------------------|
|                        |                      |                |                                       |
| Bradley .....          | Mixed .....          | 620            | 469                                   |
| „ .....                | Infants .....        | 288            | 210                                   |
| Bradshaw Street.....   | Mixed Seniors .....  | 440            | 299                                   |
| „ „ .....              | Mixed Juniors .....  | 420            | 305                                   |
| „ „ .....              | Infants .....        | 390            | 297                                   |
| Lomeshaye.....         | Infants .....        | 208            | 105                                   |
| Walverden .....        | Mixed .....          | 660            | 513                                   |
| „ .....                | Infants .....        | 310            | 233                                   |
| Whitefield.....        | Mixed .....          | 620            | 560                                   |
| „ .....                | Infants .....        | 320            | 227                                   |
| NON-PROVIDED—          |                      |                |                                       |
| Great Marsden.....     | Mixed .....          | 240            | 282                                   |
| „ „ .....              | Infants .....        | 123            | 119                                   |
| Leeds Road .....       | Mixed .....          | 387            | 232                                   |
| „ „ .....              | Infants .....        | 162            | 90                                    |
| Little Marsden.....    | Mixed and Infants... | 245            | 205                                   |
| St. Joseph's R.C.....  | Mixed .....          | 333            | 108                                   |
| „ „ .....              | Infants .....        | 168            | 51                                    |
| St. George's R.C.....  | Mixed and Infants    | 180            | 113                                   |
| Holy Saviour's R.C.... | Mixed .....          | 210            | 118                                   |
| „ „ .....              | Infants .....        | 95             | 50                                    |

NELSON,

FEBRUARY, 1926.

**To the Chairman and Members of the Nelson  
Education Committee.**

GENTLEMEN,

I have pleasure in submitting the Annual Report of the work of the School Medical Staff for the year 1925.

**CO-ORDINATION.**

The School Medical Officer is also Medical Officer of Health, and hence all children, whether of school age or below, are kept under observation either by himself, the school nurses or health visitors.

**THE SCHOOL MEDICAL SERVICE IN RELATION TO  
PUBLIC ELEMENTARY SCHOOLS.**

**SCHOOL HYGIENE.**

Nelson, being a comparatively modern town, the schools are, on the whole, of a satisfactory type. They are well situated as regards aspect and the proximity of neighbouring buildings; ventilation, lighting, warming, equipment and sanitation are satisfactory.

Throughout the provided schools the desks and blackboards are of modern type, and the sanitary conveniences lavatories, water supplies and cloakrooms are ample to meet the needs of the scholars..

The non-provided schools are gradually being brought up to the standard of the provided schools, and each year sees a replacement of old and unsatisfactory types of desks with those of a more modern type.

In neither type of school is there any special arrangement for the drying of the children's clothes and boots, but the cloakroom accommodation being sufficient, the general warmth of the building suffices to dry the clothing.

In but few instances is there any need for the warming of scholars' meals, as the majority of the children are able to return to their homes for the mid-day meal. In the few remaining instances suitable provision is arranged

### MEDICAL INSPECTION.

This comprises :

1. The routine Medical Inspection of the school children in the following groups: Entrants, Intermediates (aged 8) and Leavers (aged 12).
2. The special examination of children not in the above categories who are examined at the school at the time of the routine examination.
3. The re-examination of children at the school, who had been noted as suffering from some defect in previous examinations.
4. The examination of the children brought or sent to the School Clinic for diagnosis, treatment or advice.
5. The periodic examination of the children at the various schools for general condition of cleanliness.
6. The examination of the children on whose behalf application is made for certificate of employment under the Employment of Children and Young Persons Act.

### ROUTINE INSPECTION.

During the year 2,020 children have been examined during the course of the routine inspection. Of these, 557 children were in the Entrants Group, i.e. up to 6 years of age; 306 children were in the Intermediate Group, i.e. 8 years of age; and 366 children were in the Leavers Group, i.e. 12 years of age. In addition, 791 children were examined who could not be placed in any of the above-mentioned code age-groups. The reason for the increased number of these latter examined being that a Draft Circular was issued, dated 19th February, 1925, in which suggested alterations in the code age-groups were made. The earlier routine inspections were made in accordance with this Circular, but this necessitated the inspection of children who, otherwise, would have missed their intermediate inspection. The actual Circular, however, when finally issued, reverted back to the original age-groups, and inspections made after the receipt of the Circular were in accordance therewith.

As a result of the inspections, 832 children were found to be suffering from some defect which required treatment. Of these, 205 children were in the Entrants Group, 150 were in the Intermediate Group, and 137 were in the Leavers Group, and 340 were found amongst the children in the other routine inspection. A comparison with the previous year's figures is:

|                                                                          | 1924. | 1925 |
|--------------------------------------------------------------------------|-------|------|
| Total number of children examined .....                                  | 1620  | 2020 |
| Total number of children requiring treatment                             | 343   | 832  |
| Percentage of children requiring treatment ...                           | 21.1  | 41.1 |
| Number of children examined in Entrants Group .....                      | 439   | 557  |
| Number of children found defective in Entrants Group .....               | 80    | 205  |
| Percentage of children found defective in Entrants Group .....           | 19.6  | 36.8 |
| Number of children examined in Intermediate Group .....                  | 461   | 306  |
| Number of children found defective in Intermediate Group .....           | 125   | 150  |
| Percentage of children found defective in Intermediate Group .....       | 27.1  | 49.0 |
| Number of children examined in Leavers Group                             | 500   | 366  |
| Number of children found defective in Leavers Group .....                | 104   | 137  |
| Percentage of children found defective in Leavers Group .....            | 20.8  | 37.4 |
| Number of children examined in other Routine Inspection .....            | 220   | 791  |
| Number of children found defective in other Routine Inspection .....     | 28    | 340  |
| Percentage of children found defective in other Routine Inspection ..... | 12.7  | 43.0 |

With reference to the percentage of children found to require treatment, these figures are much higher than in previous years by reason of an epidemic of influenza and follicular tonsilitis which was prevalent, particularly among school children, at the time of medical inspection. Enlargement of the tonsils and a conditions of granular pharyngitis followed the complaint. I have therefore made a record of the number of defects found requiring treatment due to this cause alone :

| Code Group.                     | Found to require Treatment. |
|---------------------------------|-----------------------------|
| Entrants .....                  | 84                          |
| Intermediates .....             | 50                          |
| Leavers .....                   | 50                          |
| Total Code Groups .....         | 184                         |
| Other Routine Inspections ..... | 117                         |

Deducting these figures from the totals as given in the previous summary, the following results would be shown :

| Code Group.               | No. Inspected. | Requiring Treatment. | Percentage Requiring Treatment. |
|---------------------------|----------------|----------------------|---------------------------------|
| Entrants .....            | 557            | 121                  | 21.7                            |
| Intermediates .....       | 306            | 100                  | 32.6                            |
| Leavers .....             | 366            | 87                   | 23.8                            |
| Total (Code Groups) ..... | 1229           | 308                  | 25.0                            |
| Other Routine Inspections | 791            | 223                  | 28.2                            |

A summary of the total defects found amongst the children during this inspection, is as follows :—

|                                                | Requiring treatment. | Requiring observation, but not requiring treatment. |
|------------------------------------------------|----------------------|-----------------------------------------------------|
| Malnutrition .....                             | —                    | 4                                                   |
| Uncleanliness .....                            | —                    | 2                                                   |
| Defect or Disease of the Skin .....            | 16                   | 12                                                  |
| Defect or Disease of the Eye .....             | 11                   | —                                                   |
| Defective Vision, including Squint .....       | 163                  | 113                                                 |
| Defective Hearing .....                        | 10                   | 19                                                  |
| Disease of the Ear .....                       | 21                   | 6                                                   |
| Diseases of the Nose and Throat .....          | 209                  | 100                                                 |
| Defective Speech .....                         | 4                    | 1                                                   |
| Enlarged Cervical Glands (Non-Tuberculous)     | 43                   | 38                                                  |
| Defect or Disease of the Heart and Circulation | 40                   | 4                                                   |
| Defect or Disease of Lungs .....               | 15                   | 80                                                  |
| Non-Pulmonary Tuberculosis .....               | —                    | 4                                                   |
| Defect or Disease of Nervous System .....      | 4                    | 11                                                  |
| Deformities .....                              | 8                    | 39                                                  |
| Other Defects and Diseases .....               | 9                    | 49                                                  |
| Total .....                                    | 553                  | 482                                                 |

## SPECIAL EXAMINATIONS.

Included under this heading are the examination of the children at the schools who were brought forward at the time of the Routine Inspection, but are not included in the Code Groups, and also the examination of the children brought or sent to the School Clinic. In all 542 were examined, and the following is a summary of defects found as a result:—

|                                                  | Requiring<br>observation,<br>but not<br>requiring<br>treatment. | Requiring<br>treatment. |
|--------------------------------------------------|-----------------------------------------------------------------|-------------------------|
| Malnutrition .....                               | —                                                               | —                       |
| Uncleanliness .....                              | 2                                                               | —                       |
| Defect or Disease of the Skin .....              | 47                                                              | 2                       |
| Defect or Disease of the Eye .....               | 6                                                               | —                       |
| Defective Vision, including Squint .....         | 31                                                              | 13                      |
| Defective Hearing .....                          | 6                                                               | —                       |
| Diseases of the Ear .....                        | 5                                                               | 1                       |
| Diseases of the Nose and Throat .....            | 37                                                              | 39                      |
| Defective Speech .....                           | —                                                               | 1                       |
| Enlarged Cervical Glands (Non-Tuberculous) ..... | 16                                                              | 7                       |
| Defect or Disease of Heart and Circulation ..... | 11                                                              | 4                       |
| Defect or Disease of the Lungs .....             | 7                                                               | 15                      |
| Pulmonary Tuberculosis suspected .....           | 1                                                               | 5                       |
| Non-Pulmonary Tuberculosis .....                 | 5                                                               | 1                       |
| Defect or Disease of Nervous System .....        | 17                                                              | 8                       |
| Deformities .....                                | 1                                                               | 6                       |
| Other Defects and Diseases .....                 | 33                                                              | 68                      |
| Total .....                                      | 225                                                             | 170                     |

As a result of the total inspections, therefore, 778 defects were noted for treatment and 652 defects found for which the children required to be kept under observation. The following table shows the number and percentage of defects found.

| DEFECT OR DISEASE                     | Requiring Treatment |            | Requiring Observation |            | Total No. found | Percentage |
|---------------------------------------|---------------------|------------|-----------------------|------------|-----------------|------------|
|                                       | No. found           | Percentage | No. found             | Percentage |                 |            |
| Malnutrition .....                    | —                   | —          | 4                     | ·6         | 4               | ·3         |
| Uncleanliness .....                   | 2                   | ·3         | 2                     | ·3         | 4               | ·3         |
| Defect or Disease of the Skin .....   | 63                  | 8·1        | 14                    | 2·1        | 77              | 5·4        |
| "    "    "    "    "    Eye.....     | 17                  | 2·2        | —                     | —          | 17              | 1·2        |
| Defective Vision, including Squint .. | 194                 | 25·0       | 126                   | 19·3       | 320             | 22·4       |
| Defective Hearing .....               | 16                  | 2·0        | 19                    | 2·9        | 35              | 2·4        |
| Disease of the Ear .....              | 26                  | 3·3        | 7                     | 1·0        | 33              | 2·3        |
| "    "    "    Nose and Throat .....  | 246                 | 31·6       | 139                   | 21·3       | 385             | 26·9       |
| Defective Speech .....                | 4                   | ·6         | 2                     | ·3         | 6               | ·4         |
| Enlarged Cervical Glands              |                     |            |                       |            |                 |            |
| Non-Tubercular .....                  | 59                  | 7·6        | 45                    | 6·9        | 104             | 7·2        |
| Defect or Disease of Heart and )      |                     |            |                       |            |                 |            |
| Circulation .....                     | 51                  | 6·6        | 8                     | 1·2        | 59              | 4·1        |
| Defect or Disease of the Lungs.....   | 22                  | 2·8        | 95                    | 14·7       | 117             | 8·2        |
| Pulmonary Tuberculosis suspected ...  | 1                   | ·1         | 5                     | ·8         | 6               | ·4         |
| Non-pulmonary Tuberculosis .....      | 5                   | ·6         | 5                     | ·8         | 10              | ·8         |
| Defect or Disease of Nervous System.  | 21                  | 2·7        | 19                    | 2·9        | 40              | 2·8        |
| Deformities ..                        | 9                   | 1·1        | 45                    | 6·9        | 54              | 3·8        |
| Other Defects and Diseases .....      | 42                  | 5·4        | 117                   | 18·0       | 159             | 11·1       |
| Total.....                            | 778                 | 100·0      | 652                   | 100·0      | 1430            | 100·0      |

### RE-EXAMINATION OF CHILDREN AT SCHOOL.

So far as possible the children who have been found as suffering from some defect during the previous year's Routine Inspection, are re-examined at the time of my visits to the schools to note their present condition. Certain of the children do not need re-examining, as during the year they have attended the School Clinic and been under observation there, whilst in other cases the children have in the meantime left school or are absent on the day of inspection. In all, a total of 1176 defects have been noted during the 1924 inspection, and of these 480 were found to have been cured, 435 showed signs of an improvement, whilst in the case of 261 defects the condition was either unchanged or the children were not at school. A summary of the result is as follows:—

| DEFECT or DISEASE.                       | Number found in 1924    |                           | Result of Re-inspection 1925 |           |                                   |
|------------------------------------------|-------------------------|---------------------------|------------------------------|-----------|-----------------------------------|
|                                          | Referred for Treatment. | Referred for Observation. | Cured.                       | Improved. | Unchanged absent or left. school. |
| Malnutrition .....                       | 16                      | 1                         | 2                            | 4         | 11                                |
| Uncleanliness .....                      | —                       | 3                         | 1                            | 2         | —                                 |
| Defect or Disease of Skin .....          | 118                     | 4                         | 94                           | 20        | 8                                 |
| Defect or Disease of eye .....           | 15                      | 7                         | 12                           | 6         | 4                                 |
| Defective Vision .....                   | 165                     | 27                        | 112                          | 33        | 47                                |
| Defect or Disease of Ear .....           | 11                      | 8                         | 12                           | 6         | 1                                 |
| Defective Hearing ...                    | 8                       | 17                        | 11                           | 8         | 6                                 |
| Defect or Disease of Nose and Throat ... | 125                     | 175                       | 87                           | 156       | 57                                |
| Enlarged Cervical Glands (Non-Tub'ous)   | 32                      | 88                        | 55                           | 49        | 16                                |
| Defective Speech ....                    | —                       | 10                        | —                            | 6         | 4                                 |
| Defect or Disease of Heart & Circulation | 5                       | 56                        | 9                            | 19        | 33                                |
| Suspected T.B. and Glands .....          | —                       | 3                         | —                            | —         | 3                                 |
| Defect or Disease of Nervous System ...  | —                       | 42                        | 8                            | 22        | 12                                |
| Deformities .....                        | 2                       | 35                        | 2                            | 22        | 13                                |
| Other Defects or Diseases                | 6                       | 124                       | 37                           | 59        | 34                                |
| Totals .....                             | 517                     | 659                       | 480                          | 435       | 261                               |

#### EXAMINATION OF CHILDREN AS REGARDS CLEANLINESS.

67 visits have been paid to the various schools by the School Nurses for the purpose of examining the children as regards general cleanliness. During these visits 4,589 children have been examined, and of these 4465 were found to be in a cleanly condition, 87 were found to have a few nits, 29 had many nits, and 8 had pediculi. A comparison in percentages with the conditions found last year is:—

|            | Number examined. | Percentage found clean. | Percentage with few nits. | Percentage with many nits. | Percentage with Pediculi. |
|------------|------------------|-------------------------|---------------------------|----------------------------|---------------------------|
| 1924 ..... | 5888             | 95.8                    | 3.1                       | .9                         | .2                        |
| 1925 ..... | 4589             | 97.3                    | 1.9                       | .6                         | .2                        |

After these inspections at the Schools the Nurses visit the homes of the children in whom uncleanness is found to a marked degree and note taken of the conditions existing thereat. An improvement is generally effected by these visits to the homes, and no further action has been necessary during the year.

#### INFECTIOUS DISEASES.

During the early months of the year Measles and Influenza were prevalent and the attendances lowered thereby. A mild outbreak of chickenpox occurred towards the close of the year. As regards notifiable infectious diseases, 53 cases of Scarlet Fever have been notified amongst school children attending Nelson schools. This is an increase of 27 cases on last year. At no time, however, was there any particular evidence of a general school infection. 8 cases of Diphtheria were also notified amongst the Nelson school children, but these were spread over a period of six months. 1 death from Diphtheria and 2 deaths from Tuberculosis other than Pulmonary, have occurred during the year, of children of school age.

#### FOLLOWING UP MEDICAL INSPECTIONS.

Records are kept of the children in whom defects are found either at the routine or special examinations during the year, and before the end of the year these children are seen again, either at their homes, at the school or at the Clinic. Observations are taken as to their present condition and as to what progress is being made towards recovery from the defects noted. Amongst the children affected, 885 defects had been found requiring treatment, and 652 defects found on which observation should be kept, and as a result of this examination, it was found that 362 of the defects had been cured, 453 defects showed signs of an improvement, leaving 722 defects in which no change had taken place or the children affected had not been seen. A number of these defects were found during the last few weeks of the school year and hence still remain in an uncured condition at the end of the year. In the two latter classes, however, further observations of the children will take place at the time of the next routine

inspection. 968 homes have been visited by the nurses during the year, whilst engaged in following up defects found, necessitating 1,032 visits.

#### MEDICAL TREATMENT.—SCHOOL CLINIC.

The School Clinic is only utilised for the treatment of minor injuries or ailments, and for sight-testing and refractions. No operative treatment is provided and in such cases when diagnosis has revealed the need of treatment other than can be carried out at the Clinic, the parents or guardians of the children are advised to call in their own medical advisor. To aid in the diagnosis of defects or injuries and for the treatment of Ringworm, an X-Ray apparatus is installed. When deemed advisable, certificates of exclusion from school are made out relative to the children, which remain operative until withdrawn by a further certificate of re-admission to school. Copies of these certificates are sent to the head teachers of the various schools, and to the Education Office for the information of the School Attendance Officers.

The number of children attending at the School Clinic during the year was 1,524. 245 children were on the books at the commencement of the year, 1279 were admitted during the year, and 220 children were still in attendance at the end of December. The Clinic was open on 261 days during the year and 16,792 visits were paid by the children in attendance, the average daily attendance amounting to 64.3.

A comparison with the previous year's figures is:—

|                                                | 1924  | 1925  |
|------------------------------------------------|-------|-------|
| No. of children on books, commencement of year | 244   | 245   |
| „ „ admitted during year .....                 | 1253  | 1279  |
| „ „ on books at end of year .....              | 245   | 204   |
| No. of visits paid by children .....           | 11926 | 16792 |
| Average daily attendance .....                 | 46    | 64.3  |
| No. of days on which Clinic was open .....     | 259   | 261   |

A summary of the defects found in the children attending the Clinic, either for advice or treatment, is as under:—

|                                                   |      |
|---------------------------------------------------|------|
| Uncleanliness .....                               | 4    |
| Debility .....                                    | 136  |
| Ringworm .....                                    | 33   |
| Skin Diseases or Defects .....                    | 397  |
| Enlarged Glands, Non-Tubercular .....             | 54   |
| Defect or Disease of the Eye .....                | 65   |
| "    "    "    Ear .....                          | 81   |
| "    "    "    Nose and Throat .....              | 97   |
| "    "    "    Heart and Circulation .....        | 4    |
| "    "    "    Lungs .....                        | 30   |
| "    "    "    Nervous System .....               | 29   |
| Tuberculosis, Non-Pulmonary .....                 | 4    |
| Infectious and Contagious Diseases .....          | 70   |
| Other Defect or Disease and Minor Accidents ..... | 246  |
| Defective Vision .....                            | 203  |
| <hr/>                                             |      |
| Total .....                                       | 1453 |

As a result of the treatment received at the Clinic in the case of such defects as are provided for, the following table shows that on discharge, out of 1,217 defects treated, 1,013 or 83.2% were cured, 170 or 14% were improved and 34 or 2.8% were unchanged. As regards the figure of 187, shown as cured under the heading Defective Vision and Squint, this includes those for whom spectacles have been prescribed following refraction, and also those children who at school had been noted as suffering from defective vision, but on being re-tested at the Clinic were found not to require spectacles.

| DEFECT OR DISEASE                         | No. as shown in Table IV. | Cured | Improved | No. Change |
|-------------------------------------------|---------------------------|-------|----------|------------|
| Skin :                                    |                           |       |          |            |
| Ringworm, Scalp .....                     | 18                        | 10    | 8        | —          |
| "    Body .....                           | 15                        | 14    | —        | 1          |
| Scabies .....                             | 3                         | 3     | —        | —          |
| Impetigo .....                            | 300                       | 290   | 10       | —          |
| Other Skin Diseases .....                 | 94                        | 72    | 22       | —          |
| Minor Eye Defects .....                   | 63                        | 42    | 19       | 2          |
| "    Ear .....                            | 80                        | 44    | 36       | —          |
| Miscellaneous .....                       | 360                       | 302   | 45       | 13         |
| Defective Vision and Squint ..            | 203                       | 187   | —        | 16         |
| Defect or Disease of Nose and Throat..... | 81                        | 49    | 30       | 2          |
| Total .....                               | 1217                      | 1013  | 170      | 34         |

The number of children attending the Clinic for the purpose of having their eyes tested, and as a result, found to require spectacles, was 134. Of these, 128 have received spectacles under the Authority's scheme. The defects noted in the children examined for vision were:—

|                                                   |    |
|---------------------------------------------------|----|
| Hypermetropia .....                               | 30 |
| Hypermetropic Astigmatism .....                   | 28 |
| Hypermetropia and Hypermetropic Astigmatism ..... | 13 |
| Myopia .....                                      | 40 |
| Myopic Astigmatism .....                          | 8  |
| Myopia and Myopic Astigmatism .....               | 5  |
| Other Causes .....                                | 10 |

The X-Ray apparatus has been used on 12 occasions during the year.

The examination of the children as regards dental defects and the treatment given, is fully dealt with in the report of the School Dentist, which is appended at the end of this report.

During the year the Education Committee have had under consideration a scheme, working in conjunction with the County Council Education Authority, whereby arrangements for the special inspection and treatment of children suffering from crippling defects and orthopædics, will be made.

#### OPEN AIR EDUCATION AND PHYSICAL TRAINING.

There are no day or residential open air schools in the Borough, nor are there any special open air classrooms in any of the Public Elementary Schools. The holding of playground classes and also physical training of the scholars is under the jurisdiction of the headmasters and headmistresses at the various schools.

#### PROVISION OF MEALS.

No meals have been provided during the year for necessitous children by the Education Authority. There have, however, been instances in which mid-day meals have been provided through a voluntary organisation, who do good work in the town on behalf of the poorer children.

## SWIMMING BATHS.

The attendance of school children at the Corporation Baths, where instruction is given in swimming by the staff employed thereat, is as follows for the year:—

|                                                 |       |
|-------------------------------------------------|-------|
| Attendances of Elementary School Children ..... | 16892 |
| Attendances of Secondary School Pupils .....    | 1420  |

## CO-OPERATION.

Notice as to the time of the routine inspections about to be made at the various schools is sent to the parents or guardians of the various children affected, inviting them to be present. In many cases the mothers attend and are present during the examination, and it is seldom that any difficulty is experienced, in cases where defects are found, to ensure that the child receives the required attention. Where no parent or guardian is present at the medical inspection, and a child is found to be suffering from a defect, the school nurse, on the instruction of the School Medical Officer, visits the parents at their home, and advises them as to the course they should take to ensure the prompt treatment of the defect found. Similarly, as regards the attendance at the School Clinic, of parents, when children are brought for diagnosis or advice, it is invariably found they are willing to co-operate in whatsoever suggestions are made.

Every assistance is rendered by the head teachers and their assistants at the various schools, not only at the time of the routine inspections, but throughout the year. Supervision of the children is maintained, and children who have been noted by them are brought forward for special examination whilst I am at school, or in many instances, throughout the year, sent down to the clinic for examination. Any suggestions made as to special treatment of certain children whilst at school, receive every attention.

As the work of the School Medical Service and the School Attendance Officers is controlled by the one Authority, there is no difficulty in the work of the two sections being carried out in entire agreement and co-operation one with another.

Though there are no voluntary organisations who are coupled with the work of the School Medical Services to undertake any specific duties, valued assistance is rendered by voluntary workers from time to time. As remarked previously, meals have been provided, and the welfare of the poorer children as regards clothing and footwear is undertaken, with beneficial results. Should the assistance of the Officer of the National Society for the Prevention of Cruelty to Children be required, we are assured it would be forthcoming, though it is pleasing to note, so far as Nelson is concerned, that there has been very little need for us to call for assistance from this Society.

By the generosity of Mr. R. Landless, acting on behalf of the Executors of the late Sir John Thursby, 26 children have had the benefit of a stay at the Thursby Convalescent Home at St. Annes.

#### BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN.

There are no Special Schools in the Borough for dealing with Blind, Deaf, Defective or Epileptic children. Arrangements are made for the attendance of children at certified schools under a neighbouring Authority, and at the present time 10 children are in attendance thereat, 3 at a certified school for the blind and 7 at a certified school for mentally defective children. 2 children have been notified to the Local Control Authority during the year, and these are now in residence at a certified institution. Amongst the children I have specially examined, I have noted 14 children at present attending the Elementary Schools, who can be regarded as feeble-minded. No special supervision beyond what the teachers can exercise whilst following their usual duties is provided for these children.

#### NURSERY SCHOOLS.

There are no nursery schools in the Borough.

## SECONDARY SCHOOLS.

The inspection and medical supervision of the pupils attending the Secondary School is undertaken by the Lancashire County Council School Medical Services Department. Particulars of the inspections and data in connection therewith are included in the report issued by the School Medical Officer for the County.

## CONTINUATION SCHOOLS.

No inspection is made by your School Medical Officer of the pupils attending the various evening continuation schools in this area.

## EMPLOYMENT OF CHILDREN AND YOUNG PERSONS.

During the year 95 children have been examined under the Employment of Children and Young Persons Act. 87 certificates have been granted, 46 for the delivery of milk, 33 for delivery of newspapers and 8 for other incidental employment. From a summary of the figures given in this and the four previous years, it is found that 365 children have been examined and 344 or 94% have been granted certificates. Of these, 168 or 49% were for assisting in the delivery of milk, 151 or 44% for the sale or delivery of newspapers and 25 or 7% for other occupations, chief amongst which, however, was the sale of refreshments. It can be observed, however, that the whole of these occupations are incidental, and in few cases does it form a source of regular employment after leaving school.

## SPECIAL ENQUIRIES.

No special enquiries have been made throughout the year by any of the members of the School Medical Staff in regard to the work of the School Medical Service.

## CONCLUSION.

From an examination of the facts and figures presented in the body of the Report, it will be seen that, with the exception of the large number of defects due to an epidemic of Follicular Tonsilitis, the general results are comparable with those of previous years. The personal cleanliness,

stamina, and the development of the children is satisfactory and will compare favourably with that of the school children in any of the other industrial centres.

In closing I would like to thank the members of my staff for their co-operation, the Organising Secretary and his staff, and also the Headmasters, Headmistresses and Teachers, for the valued assistance they have given during the year whilst carrying out the work of the School Medical Service.

I am, Gentlemen,

Your obedient servant,

R. G. MARKHAM, M.B., D.P.H.,  
School Medical Officer.

BOROUGH OF NELSON.

## Medical Inspection Returns.

TABLE I.

## RETURN OF MEDICAL INSPECTIONS.

**A.**—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections :

|               |     |     |     |     |     |     |     |     |     |       |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Entrants      | ... | ... | ... | ... | ... | ... | ... | ... | ... | 557   |
| Intermediates | ... | ... | ... | ... | ... | ... | ... | ... | ... | 306   |
| Leavers       | ... | ... | ... | ... | ... | ... | ... | ... | ... | 366   |
|               |     |     |     |     |     |     |     |     |     | <hr/> |
| Total         | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1229  |

Number of other Routine Inspections ... .. 791

**B.**—OTHER INSPECTIONS.

|                               |     |     |     |     |     |       |
|-------------------------------|-----|-----|-----|-----|-----|-------|
| Number of Special Inspections | ... | ... | ... | ... | ... | 542   |
| Number of Re-Inspections      | ... | ... | ... | ... | ... | 499   |
|                               |     |     |     |     |     | <hr/> |
| Total                         | ... | ... | ... | ... | ... | 1041  |

TABLE II.

A.—Return of Defects found by Medical Inspection in the  
Year ended 31st December, 1925.

| DEFECT OR DISEASE.    |                                            | Routine Inspections |                                                                           | Special Inspections |                                                                           |
|-----------------------|--------------------------------------------|---------------------|---------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------|
|                       |                                            | No. of Defects      |                                                                           | No. of Defects      |                                                                           |
|                       |                                            | Requiring Treatment | Requiring to be kept under observati'n but <i>not</i> requiring Treatment | Requiring Treatment | Requiring to be kept under observati'n but <i>not</i> requiring Treatment |
|                       | Malnutrition .....                         | ...                 | 4                                                                         | ...                 | ...                                                                       |
|                       | Uncleanliness .....                        | ...                 | 2                                                                         | 2                   | ...                                                                       |
|                       | (see Table IV Group V)                     |                     |                                                                           |                     |                                                                           |
| Skin                  | Ringworm :—                                |                     |                                                                           |                     |                                                                           |
|                       | Scalp .....                                | ...                 | ...                                                                       | 20                  | ...                                                                       |
|                       | Body .....                                 | ...                 | ...                                                                       | 1                   | ...                                                                       |
|                       | Scabies .....                              | ...                 | ...                                                                       | 2                   | ...                                                                       |
|                       | Impetigo .....                             | 4                   | 1                                                                         | 13                  | ...                                                                       |
|                       | Other Diseases (Non-Tuberculous)           | 12                  | 11                                                                        | 11                  | 2                                                                         |
| Eye                   | Blepharitis .....                          | 7                   | ...                                                                       | ...                 | ...                                                                       |
|                       | Conjunctivitis .....                       | 1                   | ...                                                                       | 3                   | ...                                                                       |
|                       | Keratitis .....                            | ...                 | ...                                                                       | ...                 | ...                                                                       |
|                       | Corneal Opacities .....                    | ...                 | ...                                                                       | ...                 | ...                                                                       |
|                       | Defective Vision (including Squint) .....  | 158                 | 105                                                                       | 28                  | 9                                                                         |
|                       | Squint .....                               | 5                   | 8                                                                         | 3                   | 4                                                                         |
|                       | Other Conditions .....                     | 3                   | ...                                                                       | 3                   | ...                                                                       |
| Ear                   | Defective Hearing .....                    | 10                  | 19                                                                        | 6                   | ...                                                                       |
|                       | Otitis Media .....                         | 11                  | 4                                                                         | 5                   | ...                                                                       |
|                       | Other Ear Diseases .....                   | 10                  | 2                                                                         | ...                 | 1                                                                         |
| Nose and Throat       | Enlarged Tonsils only .....                | 105                 | 37                                                                        | 7                   | 10                                                                        |
|                       | Adenoids only .....                        | 4                   | 6                                                                         | 4                   | 4                                                                         |
|                       | Enlarged Tonsils and Adenoids              | 17                  | 7                                                                         | 3                   | ...                                                                       |
|                       | Other Conditions .....                     | 83                  | 50                                                                        | 23                  | 25                                                                        |
|                       | Enlarged Cervical Glands (Non-Tuberculous) | 43                  | 38                                                                        | 16                  | 7                                                                         |
|                       | Defective Speech .....                     | 4                   | 1                                                                         | ...                 | 1                                                                         |
|                       | Teeth—Dental Diseases .....                | 107                 | ...                                                                       | ...                 | ...                                                                       |
|                       | (see Table IV Group IV)                    |                     |                                                                           |                     |                                                                           |
| Heart and Circulation | Heart Disease :                            |                     |                                                                           |                     |                                                                           |
|                       | Organic .....                              | 18                  | ...                                                                       | 3                   | 2                                                                         |
|                       | Functional .....                           | 19                  | 2                                                                         | ...                 | 1                                                                         |
|                       | Anæmia .....                               | 3                   | 2                                                                         | 8                   | 1                                                                         |
| Lungs                 | Bronchitis .....                           | 2                   | 8                                                                         | 3                   | 8                                                                         |
|                       | Other Non-Tuberculous Diseases .....       | 13                  | 72                                                                        | 4                   | 7                                                                         |

TABLE II.—*continued.*

A.—Return of Defects found by Medical Inspection in the year ended 31st December, 1925.

| DEFECT OR DISEASE.              | Routine Inspections        |                                                                           | Special Inspections |                                                                           |
|---------------------------------|----------------------------|---------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------|
|                                 | No. of Defects             |                                                                           | No. of Defects      |                                                                           |
|                                 | Requiring Treatment        | Requiring to be kept under observati'n but <i>not</i> requiring treatment | Requiring Treatment | Requiring to be kept under observati'n but <i>not</i> requiring Treatment |
| Tuberculosis {                  | Pulmonary :                |                                                                           |                     |                                                                           |
|                                 | Definite .....             | ...                                                                       | ...                 | ...                                                                       |
|                                 | Suspected .....            | ...                                                                       | 1                   | 5                                                                         |
|                                 | Non-Pulmonary :            |                                                                           |                     |                                                                           |
|                                 | Glands .....               | ...                                                                       | 3                   | ...                                                                       |
|                                 | Spine .....                | ...                                                                       | ...                 | ...                                                                       |
|                                 | Hip .....                  | 2                                                                         | 1                   | ...                                                                       |
|                                 | Other Bones & Joints ..... | 2                                                                         | 1                   | ...                                                                       |
| Nervous System {                | Skin .....                 | ...                                                                       | ...                 | ...                                                                       |
|                                 | Other Forms .....          | ...                                                                       | ...                 | 1                                                                         |
|                                 | Epilepsy .....             | ...                                                                       | ...                 | ...                                                                       |
|                                 | Chorea .....               | 1                                                                         | 15                  | ...                                                                       |
| Defor- mities {                 | Other Conditions .....     | 4                                                                         | 2                   | 8                                                                         |
|                                 | Rickets .....              | 1                                                                         | ...                 | 1                                                                         |
|                                 | Spinal Curvature .....     | ...                                                                       | ...                 | 2                                                                         |
|                                 | Other Forms .....          | 7                                                                         | 1                   | 3                                                                         |
| Other Defects and Diseases .... |                            | 9                                                                         | 49                  | 33                                                                        |
|                                 |                            |                                                                           |                     | 68                                                                        |

B.—Number of Individual Children found at Routine Medical Inspection to require Treatment (excluding Uncleanliness and Dental Diseases).

| GROUP                     | Number of Children |                            | Percentage of Children found to require Treatment |
|---------------------------|--------------------|----------------------------|---------------------------------------------------|
|                           | Inspected          | Found to require Treatment |                                                   |
| Code Groups—              |                    |                            |                                                   |
| Entrants .....            | 557                | 205                        | 36·8                                              |
| Intermediates .....       | 306                | 150                        | 49·0                                              |
| Leavers .....             | 366                | 137                        | 37·4                                              |
| Total (Code Groups) ...   | 1229               | 492                        | 40 0                                              |
| Other Routine Inspections | 791                | 340                        | 43·0                                              |

TABLE III.—*continued.*

Return of all Exceptional Children in the Area.

|                      |                                                                                                                                                                   |                                                                                           | Boys | Girls | Total |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------|-------|-------|
| Physically Defective | Infectious pulmonary and glandular tuberculosis                                                                                                                   | At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ... .. | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At other Institutions ... ..                                                              | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At no School or Institution ... ..                                                        | ...  | ...   | ...   |
|                      | Non-Infectious but active pulmonary and glandular tuberculosis                                                                                                    | At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ... .. | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Certified Residential Open Air Schools ... ..                                          | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Certified Day Open Air Schools... ..                                                   | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Public Elementary Schools ... ..                                                       | 2    | 3     | 5     |
|                      |                                                                                                                                                                   | At other Institutions ... ..                                                              | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At no School or Institution ... ..                                                        | ...  | ...   | ...   |
|                      | Delicate children (e.g. pre or latent tuberculosis, malnutrition, debility, anæmia, &c.)                                                                          | At Certified Residential Open Air Schools ... ..                                          | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Certified Day Open Air Schools... ..                                                   | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Public Elementary Schools ... ..                                                       | 24   | 45    | 69    |
|                      |                                                                                                                                                                   | At other Institutions ... ..                                                              | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At no School or Institution ... ..                                                        | ...  | ...   | ...   |
|                      | Active non-pulmonary tuberculosis                                                                                                                                 | At Sanatoria or Hospital Schools approved by the Ministry of Health or the Board ... ..   | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Public Elementary Schools ... ..                                                       | ...  | 1     | 1     |
|                      |                                                                                                                                                                   | At other Institutions ... ..                                                              | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At no School or Institution ... ..                                                        | 2    | 1     | 3     |
|                      | Crippled children (other than those with active tuberculous disease), e.g., children suffering from paralysis, &c., and including those with severe heart disease | At Certified Hospital Schools... ..                                                       | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Certified Residential Cripple Schools ... ..                                           | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Certified Day Cripple Schools ... ..                                                   | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At Public Elementary Schools ... ..                                                       | 28   | 37    | 65    |
|                      |                                                                                                                                                                   | At other Institutions ... ..                                                              | ...  | ...   | ...   |
|                      |                                                                                                                                                                   | At no School or Institution ... ..                                                        | 3    | ...   | 3     |

TABLE III.

Return of all Exceptional Children in the Area.

|                                                  |                                                                                      |                                                                    | Boys | Girls | Total |
|--------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------|------|-------|-------|
| Blind, including partially blind                 | (i) Suitable for training in a School or Class for the totally blind                 | Attending Certified Schools or Classes for the Blind ... ..        | 2    | 1     | 3     |
|                                                  |                                                                                      | Attending Public Elementary Schools                                | ...  | ...   | ...   |
|                                                  |                                                                                      | At other Institutions ... ..                                       | ...  | ...   | ...   |
|                                                  |                                                                                      | At no School or Institution ... ..                                 | ...  | ...   | ...   |
|                                                  | (ii) Suitable for training in a School or Class for the partially blind              | Attending Certified Schools or Classes for the Blind ... ..        | ...  | ...   | ...   |
|                                                  |                                                                                      | Attending Public Elementary Schools                                | ...  | ...   | ...   |
|                                                  |                                                                                      | At other Institutions ... ..                                       | ...  | ...   | ...   |
|                                                  |                                                                                      | At no School or Institution ... ..                                 | ...  | ...   | ...   |
| Deaf, including deaf and dumb and partially deaf | (i) Suitable for training in a School or Class for the totally deaf or deaf and dumb | Attending Certified Schools or Classes for the Deaf ... ..         | ...  | ...   | ...   |
|                                                  |                                                                                      | Attending Public Elementary Schools                                | ...  | ...   | ...   |
|                                                  |                                                                                      | At other Institutions ... ..                                       | ...  | ...   | ...   |
|                                                  |                                                                                      | At no School or Institution ... ..                                 | ...  | ...   | ...   |
|                                                  | (ii) Suitable for training in a School or Class for the partially deaf               | Attending Certified Schools or Classes for the Deaf ... ..         | ...  | ...   | ...   |
|                                                  |                                                                                      | Attending Public Elementary Schools                                | ...  | ...   | ...   |
|                                                  |                                                                                      | At other Institutions ... ..                                       | ...  | ...   | ...   |
|                                                  |                                                                                      | At no School or Institution ... ..                                 | ...  | ...   | ...   |
| Mentally Defective                               | Feeble-minded (cases not notifiable to the Local Control Authority)                  | Attending Certified Schools for Mentally Defective Children ... .. | 3    | 4     | 7     |
|                                                  |                                                                                      | Attending Public Elementary Schools                                | 11   | 3     | 14    |
|                                                  |                                                                                      | At other Institutions ... ..                                       | ...  | ...   | ...   |
|                                                  |                                                                                      | At no School or Institution ... ..                                 | ...  | ...   | ...   |
|                                                  | Notified to the Local Control Authority during the year                              | Feeble-minded ... ..                                               | ...  | ...   | ...   |
|                                                  |                                                                                      | Imbeciles ... ..                                                   | 2    | ...   | 2     |
| Epileptics                                       | Suffering from severe epilepsy                                                       | Attending Certified Special Schools for Epileptics ... ..          | ...  | ...   | ...   |
|                                                  |                                                                                      | In Institutions other than Certified Special Schools ... ..        | ...  | ...   | ...   |
|                                                  |                                                                                      | Attending Public Elementary Schools                                | ...  | ...   | ...   |
|                                                  |                                                                                      | At no School or Institution ... ..                                 | ...  | ...   | ...   |
|                                                  | Suffering from epilepsy which is not severe                                          | Attending Public Elementary Schools                                | 3    | ...   | 3     |
|                                                  |                                                                                      | At no School or Institution ... ..                                 | ...  | ...   | ...   |

TABLE IV.

Return of Defects Treated during the year ended 31st Dec., 1925

## TREATMENT TABLE.

GROUP I.—Minor Ailments (excluding Uncleanliness, for which see Group V).

| DISEASE OR DEFECT.                                                                      | Number of Defects treated, or under treatment during the year |           |       |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------|-------|
|                                                                                         | Under the Authority's Scheme                                  | Otherwise | Total |
| Skin :—                                                                                 |                                                               |           |       |
| Ringworm-Scalp ... ..                                                                   | 18                                                            | ...       | 18    |
| Ringworm-Body ... ..                                                                    | 15                                                            | ...       | 15    |
| Scabies ... ..                                                                          | 3                                                             | ...       | 3     |
| Impetigo ... ..                                                                         | 300                                                           | ...       | 300   |
| Other Skin Disease ... ..                                                               | 94                                                            | ...       | 94    |
| Minor Eye Defects—(External and other, but excluding cases falling in Group II.) ... .. | 63                                                            | 2         | 65    |
| Minor Ear Defects ... ..                                                                | 80                                                            | 1         | 81    |
| Miscellaneous ( <i>e.g.</i> , minor injuries, bruises, sores, chilblains, &c.) ...      | 360                                                           | 8         | 368   |
|                                                                                         | 933                                                           | 11        | 944   |

GROUP II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I).

| DEFECT OR DISEASE.                                                                                                              | No. of Defects dealt with    |                                                                                                  |            |       |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------|------------|-------|
|                                                                                                                                 | Under the Authority's Scheme | Submitted to refraction by private practitioner or at Hospital apart from the Authority's Scheme | Other-wise | Total |
| Errors of Refraction (including Squint) (Operations for squint should be recorded separately in the body of the Report). ... .. | 134                          | 7                                                                                                | ...        | 141   |
| Other Defect or Disease of the Eyes (excluding those recorded in Group I.) ... ..                                               | 69                           | ...                                                                                              | 10         | 79    |
| Total ... ..                                                                                                                    | 203                          | 7                                                                                                | 10         | 220   |

Total number of children for whom spectacles were prescribed :

(a) Under the Authority's Scheme ... 134 (b) Otherwise ... 0

Total number of children who obtained or received spectacles :

(a) Under the Authority's Scheme ... 128 (b) Otherwise ... 7

TABLE IV.—*continued.*

## GROUP III.—Treatment of Defects of Nose and Throat.

| NUMBER OF DEFECTS.                                             |                                                                                      |       |                                         |                         |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------|-------|-----------------------------------------|-------------------------|
| Received Operative Treatment.                                  |                                                                                      |       | Received<br>other forms of<br>Treatment | Total number<br>Treated |
| Under the<br>Authority's<br>Scheme<br>in Clinic or<br>Hospital | By Private<br>Practitioner<br>or Hospital<br>apart from the<br>Authority's<br>Scheme | Total |                                         |                         |
| ...                                                            | 23                                                                                   | 23    | 81                                      | 104                     |

## GROUP IV.—Dental Defects.

(1) Number of Children who were :—

(a) Inspected by the Dentist.

|                       |   |          |       |      |
|-----------------------|---|----------|-------|------|
| Routine<br>Age Groups | { | Aged 5   | ..... | —    |
|                       |   | 6        | ..... | 315  |
|                       |   | 7        | ..... | 265  |
|                       |   | 8        | ..... | 443  |
|                       |   | 9        | ..... | 475  |
|                       |   | 10       | ..... | 539  |
|                       |   | 11       | ..... | 558  |
|                       |   | 12       | ..... | 473  |
|                       |   | 13       | ..... | 601  |
|                       |   | 14       | ..... | —    |
|                       |   | Specials | ..... | —    |
| Total                 |   |          |       | 3669 |

|                                                                    |      |
|--------------------------------------------------------------------|------|
| (b) Found to require treatment .....                               | 2627 |
| (c) Actually treated .....                                         | 1525 |
| (d) Re-treated during the year as the result of periodical Exam. — | —    |

(2) Half-days devoted to :—

|                  |     |
|------------------|-----|
| Inspection ..... | 66  |
| Treatment .....  | 125 |
| Total            | 191 |

|                                                                                              |      |
|----------------------------------------------------------------------------------------------|------|
| (3) Attendances made by children for treatment .....                                         | 1525 |
| (4) Fillings : Permanent teeth .....                                                         | 656  |
| Temporary teeth .....                                                                        | 63   |
| (5) Extractions : Permanent teeth .....                                                      | 245  |
| Temporary teeth .....                                                                        | 2426 |
| (6) Administrations of local anaesthetics for extractions<br>(Only local anaesthetics used). | 589  |
| (7) Other operations : Permanent teeth .....                                                 | 225  |
| Temporary teeth .....                                                                        | 1065 |
| Total                                                                                        | 1290 |

TABLE IV.—*continued.*

## GROUP V.—Uncleanliness and Verminous Conditions.

|                                                                                                    |      |
|----------------------------------------------------------------------------------------------------|------|
| (i) Average number of visits per school made during the year by<br>the School Nurses .....         | 3    |
| (ii) Total number of examinations of children in the Schools by<br>School Nurses .....             | 4589 |
| (iii) Number of individual children found unclean .....                                            | 124  |
| (iv) Number of children cleansed under arrangements made by<br>the Local Education Authority ..... | Nil  |
| (v) Number of cases in which legal proceedings were taken :—                                       |      |
| (a) Under the Education Act, 1921 .....                                                            | Nil  |
| (b) Under School Attendance Byelaws .....                                                          | Nil  |

TABLE V.

Defects found in course of Medical Inspection (Routine and Specials) followed up by the School Nurses.

| DEFECT OR DISEASE.                              |                                        | Total number found and referred for treatment or observation | Number found to be Cured | Number found to be improved | Number unchanged or not seen |
|-------------------------------------------------|----------------------------------------|--------------------------------------------------------------|--------------------------|-----------------------------|------------------------------|
| MALNUTRITION .....                              | .....                                  | 4                                                            | ...                      | 2                           | 2                            |
| UNCLEANLINESS .....                             | Head .....                             | 2                                                            | ...                      | 1                           | 1                            |
|                                                 | Body .....                             | 2                                                            | ...                      | 1                           | 1                            |
| SKIN .....                                      | Ringworm { Head .....                  | 20                                                           | 17                       | 3                           | ...                          |
|                                                 | { Body .....                           | 1                                                            | 1                        | ...                         | ...                          |
|                                                 | Scabies .....                          | 2                                                            | 2                        | ...                         | ...                          |
|                                                 | Impetigo .....                         | 18                                                           | 18                       | ...                         | ...                          |
|                                                 | Other Diseases (Non-Tuberculous) ..... | 36                                                           | 10                       | 8                           | 18                           |
| EYE .....                                       | Blepharitis .....                      | 7                                                            | ...                      | 5                           | 2                            |
|                                                 | Conjunctivitis .....                   | 4                                                            | 3                        | 1                           | ...                          |
|                                                 | Keratitis .....                        | ...                                                          | ...                      | ...                         | ...                          |
|                                                 | Corneal Ulcer .....                    | ..                                                           | ...                      | ...                         | ...                          |
|                                                 | Corneal Opacities .....                | ...                                                          | ...                      | ...                         | ...                          |
|                                                 | Defective Vision & Squint .....        | 320                                                          | 138                      | 20                          | 162                          |
|                                                 | Other Conditions .....                 | 6                                                            | ...                      | 2                           | 4                            |
| EAR .....                                       | Defective Hearing .....                | 35                                                           | 3                        | 12                          | 20                           |
|                                                 | Otitis Media .....                     | 20                                                           | 2                        | 14                          | 4                            |
|                                                 | Other Ear Diseases .....               | 13                                                           | 8                        | 2                           | 3                            |
| NOSE AND THROAT .....                           | Enlarged Tonsils .....                 | 159                                                          | 10                       | 83                          | 66                           |
|                                                 | Adenoids .....                         | 18                                                           | ...                      | 8                           | 10                           |
|                                                 | Enlarged Adenoids and Tonsils .....    | 27                                                           | 1                        | 12                          | 14                           |
|                                                 | Other Conditions .....                 | 181                                                          | 28                       | 72                          | 81                           |
| Enlarged Cervical Glands (Non-Tubercular) ..... |                                        | 104                                                          | 8                        | 53                          | 43                           |
| Defective Speech .....                          |                                        | 6                                                            | ...                      | 3                           | 3                            |
| Teeth, Dental Diseases .....                    |                                        | 107                                                          | 49                       | ...                         | 58                           |

TABLE V.—*continued.*

Defects found in course of Medical Inspection (Routine and Specials) followed up by the School Nurses.

| DEFECT OR DISEASE.               |                                     | Total number found and referred for treatment or observation | Number found to be Cured | Number found to be improved | Number unchanged or not seen |
|----------------------------------|-------------------------------------|--------------------------------------------------------------|--------------------------|-----------------------------|------------------------------|
| HEART AND CIRCULATION .....      | Heart { Organic .....               | 23                                                           | ...                      | 3                           | 20                           |
|                                  | Disease { Functional .....          | 22                                                           | ...                      | 6                           | 16                           |
|                                  | Anæmia .....                        | 14                                                           | 2                        | 8                           | 4                            |
| LUNGS .....                      | Bronchitis .....                    | 21                                                           | 1                        | 8                           | 12                           |
|                                  | Other Non-Tubercular Diseases ..... | 96                                                           | 2                        | 32                          | 62                           |
| TUBERCULOSIS .....               | Pulmonary {                         | Definite ...                                                 | ...                      | ...                         | ...                          |
|                                  |                                     | Suspected                                                    | 6                        | 3                           | 3                            |
|                                  |                                     | Glands.....                                                  | 3                        | 2                           | 1                            |
|                                  | Non-Pulmonary {                     | Spine.....                                                   | ...                      | ...                         | ...                          |
|                                  |                                     | Hip.....                                                     | 3                        | 1                           | 2                            |
|                                  |                                     | Other Bones and Joints                                       | 3                        | 1                           | 2                            |
|                                  |                                     | Skin.....                                                    | ...                      | ...                         | ...                          |
| NERVOUS SYSTEM ...               | Other Forms                         |                                                              | 1                        | ...                         | 1                            |
|                                  | Epilepsy .....                      |                                                              | ...                      | ...                         | ...                          |
|                                  | Chorea .....                        |                                                              | 16                       | 1                           | 4                            |
| DEFORMITIES .....                | Other Conditions .....              |                                                              | 24                       | 3                           | 11                           |
|                                  | Rickets .....                       |                                                              | 11                       | ...                         | 3                            |
|                                  | Spinal Curvature .....              |                                                              | 12                       | ...                         | 2                            |
| Other Forms .....                |                                     | 31                                                           | 2                        | 9                           | 20                           |
| Other Defects and Diseases ..... |                                     | 159                                                          | 53                       | 52                          | 54                           |
| TOTALS.....                      |                                     | 1537                                                         | 362                      | 453                         | 722                          |

TABLE VI.

Defects found in course of Medical Inspection 1924 and  
re-examined by School Medical Officer in 1925.

| DEFECT OR DISEASE.                             |                                            | Number found<br>in 1924           |                                     | Result of Inspection<br>in 1925. |                         |                                                         |
|------------------------------------------------|--------------------------------------------|-----------------------------------|-------------------------------------|----------------------------------|-------------------------|---------------------------------------------------------|
|                                                |                                            | Referred<br>for<br>Treat-<br>ment | Referred<br>for<br>Observa-<br>tion | Number<br>Cured                  | Number<br>im-<br>proved | Number<br>un-<br>changed<br>absent<br>or left<br>School |
| MALNUTRITION .....                             |                                            | 16                                | 1                                   | 2                                | 4                       | 11                                                      |
| UNCLEANLINESS .....                            | Head .....                                 | ...                               | ...                                 | ...                              | ...                     | ...                                                     |
|                                                | Body .....                                 | ...                               | 3                                   | 1                                | 2                       | ...                                                     |
| SKIN .....                                     | Ringworm { Head .....                      | 34                                | ...                                 | 23                               | 10                      | 1                                                       |
|                                                | { Body .....                               | 3                                 | ...                                 | 3                                | ...                     | ...                                                     |
|                                                | Scabies .....                              | 1                                 | ...                                 | 1                                | ...                     | ...                                                     |
|                                                | Impetigo .....                             | 22                                | ...                                 | 22                               | ...                     | ...                                                     |
|                                                | Other Diseases (Non-<br>Tuberculous) ..... | 58                                | 4                                   | 45                               | 10                      | 7                                                       |
| EYE .....                                      | Blepharitis .....                          | 8                                 | ...                                 | 3                                | 3                       | 2                                                       |
|                                                | Conjunctivitis .....                       | 6                                 | 5                                   | 6                                | 3                       | 2                                                       |
|                                                | Keratitis .....                            | ...                               | ...                                 | ...                              | ...                     | ...                                                     |
|                                                | Corneal Ulcer .....                        | ...                               | ...                                 | ...                              | ...                     | ...                                                     |
|                                                | Corneal Opacities .....                    | ...                               | ...                                 | ...                              | ...                     | ...                                                     |
|                                                | Defective Vision & Squint .....            | 165                               | 27                                  | 112                              | 33                      | 47                                                      |
|                                                | Other Conditions .....                     | 1                                 | 2                                   | 3                                | ...                     | ...                                                     |
| EAR .....                                      | Defective Hearing .....                    | 8                                 | 17                                  | 11                               | 8                       | 6                                                       |
|                                                | Otitis Media .....                         | 5                                 | 6                                   | 8                                | 3                       | ...                                                     |
|                                                | Other Ear Diseases .....                   | 6                                 | 2                                   | 4                                | 3                       | 1                                                       |
| NOSE AND<br>THROAT .....                       | Enlarged Tonsils .....                     | 79                                | 79                                  | 52                               | 84                      | 22                                                      |
|                                                | Adenoids .....                             | ...                               | 16                                  | 2                                | 7                       | 7                                                       |
|                                                | Enlarged Adenoids and<br>Tonsils .....     | ...                               | 21                                  | 3                                | 8                       | 10                                                      |
|                                                | Other Conditions .....                     | 46                                | 59                                  | 30                               | 57                      | 18                                                      |
| Enlarged Cervical Glands (Non-Tubercular)..... |                                            | 32                                | 88                                  | 55                               | 49                      | 16                                                      |
| Defective Speech .....                         |                                            | ...                               | 10                                  | ...                              | 6                       | 4                                                       |
| Teeth, Dental Diseases .....                   |                                            | ...                               | ...                                 | ...                              | ...                     | ...                                                     |

TABLE VI.—*continued.*

Defects found in course of Medical Inspection 1924 and  
re-examined by School Medical Officer in 1925.

| DEFECT OR DISEASE.               |                                        | Number found<br>in 1924           |                                     | Result of Inspection<br>in 1925 |                         |                                                         |
|----------------------------------|----------------------------------------|-----------------------------------|-------------------------------------|---------------------------------|-------------------------|---------------------------------------------------------|
|                                  |                                        | Referred<br>for<br>Treat-<br>ment | Referred<br>for<br>Observa-<br>tion | Number<br>Cured                 | Number<br>im-<br>proved | Number<br>un-<br>changed<br>absent<br>or left<br>School |
| HEART AND<br>CIRCULATION .....   | Heart { Organic .....                  | 3                                 | 18                                  | 1                               | 4                       | 16                                                      |
|                                  | Disease { Functional .....             | ...                               | 19                                  | 5                               | 4                       | 10                                                      |
|                                  | Anæmia .....                           | 2                                 | 19                                  | 3                               | 11                      | 7                                                       |
| LUNGS .....                      | Bronchitis .....                       | 7                                 | 25                                  | 10                              | 12                      | 10                                                      |
|                                  | Other Non-Tubercular<br>Diseases ..... | 7                                 | 34                                  | 28                              | 11                      | 2                                                       |
| TUBERCULOSIS .....               | Pulmonary {                            | Definite .....                    | ...                                 | ...                             | ...                     | ...                                                     |
|                                  |                                        | Suspected ..                      | ...                                 | ...                             | ...                     | ...                                                     |
|                                  |                                        | Glands.....                       | 3                                   | ...                             | ...                     | 3                                                       |
|                                  |                                        | Spine.....                        | ...                                 | ...                             | ...                     | ...                                                     |
|                                  | Non-<br>Pulmonary {                    | Hip.....                          | ...                                 | ...                             | ...                     | ...                                                     |
|                                  |                                        | Other Bones<br>and Joints .....   | ...                                 | ...                             | ...                     | ...                                                     |
|                                  |                                        | Skin.....                         | ...                                 | ...                             | ...                     | ...                                                     |
|                                  |                                        | Other Forms .....                 | ...                                 | ...                             | ...                     | ...                                                     |
| NERVOUS SYSTEM ...               | Epilepsy .....                         | ...                               | 5                                   | 1                               | 1                       | 3                                                       |
|                                  | Chorea .....                           | ...                               | 16                                  | 3                               | 7                       | 6                                                       |
|                                  | Other Conditions .....                 | ...                               | 21                                  | 4                               | 14                      | 3                                                       |
| DEFORMITIES .....                | Rickets .....                          | ...                               | 5                                   | ...                             | 3                       | 2                                                       |
|                                  | Spinal Curvature .....                 | ...                               | 5                                   | ...                             | 4                       | 1                                                       |
|                                  | Other Forms .....                      | 2                                 | 25                                  | 2                               | 15                      | 10                                                      |
| Other Defects and Diseases ..... |                                        | 6                                 | 124                                 | 37                              | 59                      | 34                                                      |
| TOTALS.....                      |                                        | 517                               | 659                                 | 480                             | 485                     | 261                                                     |

TABLE VII.  
Monthly Summary of Work at School Clinic.

| MONTH.    | No. of children under treatment at beginning of month | No. of children admitted during month | No. of children discharged during month | No. of children under treatment at end of month | No. of visits by children to clinic | No. of homes visited by Nurse | No. of visits to homes | No. of pairs of Spectacles supplied or ordered | No. of children examined by Nurse at School |
|-----------|-------------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------|------------------------|------------------------------------------------|---------------------------------------------|
| January   | 245                                                   | 102                                   | 112                                     | 235                                             | 1195                                | 3                             | 3                      | 15                                             | —                                           |
| February  | 235                                                   | 107                                   | 86                                      | 256                                             | 1203                                | 10                            | 11                     | 16                                             | 626                                         |
| March     | 256                                                   | 142                                   | 128                                     | 270                                             | 1757                                | 27                            | 27                     | 4                                              | 1860                                        |
| April     | 270                                                   | 82                                    | 75                                      | 277                                             | 1387                                | 52                            | 56                     | 12                                             | 1059                                        |
| May       | 277                                                   | 155                                   | 114                                     | 318                                             | 1804                                | 77                            | 85                     | 12                                             | 77                                          |
| June      | 318                                                   | 102                                   | 124                                     | 296                                             | 1515                                | 81                            | 83                     | 11                                             | —                                           |
| July      | 296                                                   | 17                                    | 21                                      | 292                                             | 221                                 | 29                            | 45                     | 1                                              | —                                           |
| August    | 292                                                   | 124                                   | 130                                     | 286                                             | 1555                                | 124                           | 133                    | 7                                              | 612                                         |
| September | 286                                                   | 81                                    | 102                                     | 265                                             | 1056                                | 110                           | 114                    | 1                                              | 355                                         |
| October   | 265                                                   | 147                                   | 92                                      | 320                                             | 1787                                | 52                            | 60                     | 14                                             | —                                           |
| November  | 320                                                   | 155                                   | 116                                     | 359                                             | 1918                                | 206                           | 218                    | 16                                             | —                                           |
| December  | 359                                                   | 65                                    | 204                                     | 220                                             | 1394                                | 197                           | 197                    | 30                                             | —                                           |
| TOTALS    | 3419                                                  | 1279                                  | 1304                                    | 3394                                            | 16792                               | 968                           | 1032                   | 139                                            | 4589                                        |

Average Attendance per day ... 64.34.

TABLE VIII.  
Anthropometric Table shewing average Height and Weight of children examined at various ages.

| BOYS       |        |        | GIRLS  |        |
|------------|--------|--------|--------|--------|
| AGE        | HEIGHT | WEIGHT | HEIGHT | WEIGHT |
| 3 Years... | 37.59  | 34.01  | 37.57  | 33.89  |
| 4 "        | 40.07  | 39.27  | 39.98  | 37.98  |
| 5 "        | 42.12  | 42.21  | 41.23  | 40.80  |
| 6 "        | 44.42  | 45.78  | 44.11  | 44.33  |
| 7 "        | 46.15  | 49.76  | 45.98  | 48.35  |
| 8 "        | 48.29  | 54.65  | 48.41  | 53.45  |
| 9 "        | 50.49  | 60.59  | 50.11  | 57.66  |
| 10 "       | 52.16  | 65.78  | 51.69  | 62.95  |
| 11 "       | 54.18  | 71.47  | 54.00  | 69.58  |
| 12 "       | 55.61  | 75.06  | 55.59  | 76.34  |
| 13 "       | 57.53  | 83.47  | 58.42  | 87.80  |
| 14 "       | 59.30  | 89.85  | 59.54  | 90.48  |

TABLE IX.

**Condition of Children examined by Nurses at School.**

Number of surprise visits paid to Schools : 67

**Results of Examination :**

|       |                      | Number<br>examin'd | Clean | Few<br>Nits | Many<br>Nits | Pedi-<br>Culi |
|-------|----------------------|--------------------|-------|-------------|--------------|---------------|
| BOYS  | Mixed Departments    | 1497               | 1497  | ...         | ...          | ...           |
|       | Infants' Departments | 745                | 744   | 1           | ...          | ...           |
| GIRLS | Mixed Departments    | 1540               | 1456  | 60          | 20           | 4             |
|       | Infants' Departments | 807                | 768   | 26          | 9            | 4             |
|       | Totals               | 4589               | 4465  | 87          | 29           | 8             |

TABLE X.

**Monthly Incidence of cases of Scarlet Fever and Diphtheria  
from the various Schools during 1925.**

| School                       | Scarlet Fever |          |       |       |     |      |      |        |           |         |          |          | Diphtheria |         |          |       |       |     |      |      |        |           |         |          |          |       |
|------------------------------|---------------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
|                              | January       | February | March | April | May | June | July | August | September | October | November | December | Total      | January | February | March | April | May | June | July | August | September | October | November | December | Total |
| Bradley .....                | ...           | ...      | ...   | 1     | ... | ...  | 1    | ...    | ...       | ...     | 1        | ...      | 3          | ...     | ...      | ...   | 2     | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | 2     |
| Bradshaw St.                 | 1             | ...      | 3     | ...   | ... | ...  | ...  | 1      | ...       | 2       | 3        | ...      | 10         | ...     | ...      | ...   | ...   | ... | ...  | ...  | 1      | ...       | ...     | ...      | ...      | 1     |
| Walverden ..                 | ...           | ...      | 2     | ...   | 1   | 1    | ...  | 1      | 1         | 3       | 3        | ...      | 12         | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...   |
| Whitefield ...               | 1             | 2        | 1     | ...   | 2   | ...  | ...  | 1      | ...       | ...     | ...      | 3        | 10         | ...     | ...      | ...   | ...   | 1   | 1    | ...  | 1      | ...       | ...     | ...      | ...      | 3     |
| Lomeshaye...                 | ...           | ...      | ...   | ...   | ... | ...  | 1    | ...    | ...       | 1       | ...      | ...      | 2          | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...   |
| Leeds Road..                 | ...           | ...      | ...   | ...   | ... | ...  | ...  | 5      | ...       | ...     | ...      | ...      | 5          | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...   |
| St. John's...                | ...           | ...      | ...   | ...   | ... | ...  | 1    | ...    | 2         | 1       | 1        | 1        | 6          | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | 1         | ...     | ...      | ...      | 1     |
| St. Paul's. .                | ...           | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...        | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...   |
| St. Joseph's.                | ...           | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...        | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...   |
| St. George's.                | ...           | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | 1        | 1          | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...   |
| Holy Saviour                 | ...           | ...      | 1     | ...   | ... | ...  | ...  | ...    | 1         | 2       | ...      | ...      | 4          | ...     | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...   |
| Secondary....                | ...           | ...      | ...   | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | ...        | ...     | ...      | 1     | ...   | ... | ...  | ...  | ...    | ...       | ...     | ...      | ...      | 1     |
| Sch'l outside<br>Borough.... | ...           | ...      | ...   | ...   | ... | 1    | ...  | ...    | ...       | ...     | 2        | ...      | 3          | ...     | ...      | ...   | ...   | ... | 1    | ...  | ...    | ...       | ...     | ...      | ...      | 1     |
| TOTAL ...                    | 2             | 2        | 7     | 1     | 3   | 2    | 3    | 8      | 4         | 9       | 10       | 5        | 56         | ...     | ...      | 1     | 2     | 1   | 2    | ...  | 2      | 1         | ...     | ...      | ...      | 9     |

TABLE XI.

Return of Medical Inspections for purposes of  
Employment of Children and Young Persons, 1925.

|             | Number<br>Examined | Number of<br>Certificates<br>Granted | Nature of Employment |                                |                          |
|-------------|--------------------|--------------------------------------|----------------------|--------------------------------|--------------------------|
|             |                    |                                      | Delivery<br>of Milk  | Delivery<br>of News-<br>papers | Other<br>Employ-<br>ment |
| Boys .....  | 92                 | 85                                   | 45                   | 33                             | 7                        |
| Girls ..... | 3                  | 2                                    | 1                    | ...                            | 1                        |
| Total...    | 95                 | 87                                   | 46                   | 33                             | 8                        |





BOROUGH OF NELSON.

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Twelfth Annual Report  
OF THE  
School Dental Clinic  
For the Year 1925.

THOMAS JACKSON, L.D.S.,  
Dental Surgeon.

SCHOOL CLINIC,  
CARR ROAD,  
NELSON,  
DECEMBER, 1925.

TO THE CHAIRMAN AND MEMBERS OF THE  
NELSON EDUCATION AUTHORITY.

I have the honour and privilege to submit to you my twelfth Annual Report as School Dentist to your authority.

I regret that my report is not so favourable in some respects as those of recent years, as a perusal of the appended tables will show. We still continue on the same lines of procedure as in former years, giving each child of 6 years of age and upwards the privilege of being dentally inspected and treated at least once in the year, and more, if occasion requires.

I found it necessary to inform the parents or guardians of 2627 children that Dental Treatment was required for the children, 1127 being, in my opinion, "Urgent cases."

Of the 2627 children sent for, 1525 children attended, giving a percentage of attendance of children actually sent for of 58.05, being a decrease as compared with 1924, of 7.30.

There is a decrease in the actual attendance at the Clinic of 297 this year, as compared with 1924, which is mainly accounted for by the fact that the number of children on the School Registers is continually decreasing, and that I inspected 303 fewer children than last year.

The percentage of "Nils" as compared with 1924 is 00.06 decrease.

In the month of June, acting upon the suggestion and request of the School Medical Officer, advantage was taken on four occasions during "Health Week," June 8th to 13th, to give a "Lecturette" to the parents and others on "Why

and How we should keep the Teeth clean," and to the children 10 years of age and over talks on "How to keep the teeth clean" were given, and I have every reason to believe that much good was done, the local chemists reporting quite a run on tooth brushes, pastes, and powders. That is all to the good, but in my opinion, these talks should be given to all children in all the schools at the close of the Inspection at each school. "Conservative dentistry" is good, but "Preventative dentistry" is better.

I have spent 62 half days in inspecting the children, 110 half days in treatment, 4 half days were spent in giving "Lecturettes" to the parents and children, 12 half days spent in clerical work at the end of the year, and in addition to the above, I have spent 3 hours each week in clerical work after the two half day inspections.

The School Nurse has paid 171 visits to the homes of the 6 years old children. I still continue to receive the greatest courtesy and assistance from the Headmasters, Headmistresses and their assistants at the various schools, for which I thank them.

The School Nurse continues to give me all the help she can in the treatment of the children at the Clinic, which is greatly appreciated.

I am,

Your obedient servant,

THOS. JACKSON, L.D.S.

TABLE I.  
Shewing Results of Inspection.

| Age in Years and Sex | Number Inspected | Temporary |         |            | Permanent |         |            | Nils. | Urgents |
|----------------------|------------------|-----------|---------|------------|-----------|---------|------------|-------|---------|
|                      |                  | Sound     | Savable | Un-savable | Sound     | Savable | Un-savable |       |         |
| 6—Girls ...          | 160              | 2057      | 294     | 251        | 746       | 6       | ...        | 32    | 6       |
| Boys ...             | 155              | 2097      | 281     | 228        | 606       | 5       | ...        | 42    | 4       |
| 7—Girls ...          | 133              | 1265      | 233     | 182        | 1130      | 23      | 1          | 21    | 21      |
| Boys ...             | 132              | 1342      | 209     | 206        | 951       | 38      | ...        | 23    | 19      |
| 8—Girls ...          | 216              | 1384      | 198     | 420        | 2463      | 107     | 3          | 37    | 58      |
| Boys ...             | 227              | 1775      | 188     | 372        | 2292      | 79      | ...        | 46    | 46      |
| 9—Girls ...          | 219              | 1059      | 83      | 424        | 3051      | 160     | 17         | 54    | 76      |
| Boys ...             | 256              | 1439      | 87      | 439        | 3257      | 128     | 12         | 57    | 74      |
| 10—Girls ...         | 257              | 655       | 52      | 329        | 4418      | 164     | 36         | 77    | 88      |
| Boys ...             | 282              | 1015      | 39      | 429        | 4376      | 201     | 25         | 86    | 94      |
| 11—Girls ...         | 283              | 272       | 6       | 237        | 5888      | 226     | 90         | 94    | 113     |
| Boys ...             | 275              | 506       | 15      | 301        | 4955      | 219     | 56         | 88    | 100     |
| 12—Girls ...         | 241              | 72        | ...     | 122        | 5564      | 211     | 117        | 83    | 100     |
| Boys ...             | 232              | 141       | ...     | 157        | 4955      | 198     | 96         | 81    | 85      |
| 13—Girls ...         | 326              | 15        | ...     | 63         | 7915      | 291     | 195        | 109   | 146     |
| Boys ...             | 275              | 47        | ...     | 106        | 6535      | 208     | 136        | 112   | 97      |
| Total ...            | 3669             | 15141     | 1685    | 4266       | 59102     | 2264    | 784        | 1042  | 1127    |

21 Parents attended the Inspections, and 29 Children were absent.

TABLE II.  
Shewing Percentages of Inspections.

| Years                | Sex            | Number of Children Inspected | Sound Dentition | Required Urgent Treatment | Required Treatment |
|----------------------|----------------|------------------------------|-----------------|---------------------------|--------------------|
| 6                    | Girls          | 160                          | 20.00           | 3.75                      | 76.25              |
|                      | Boys           | 155                          | 25.8            | 2.58                      | 71.62              |
| 7                    | Girls          | 133                          | 15.79           | 15.79                     | 68.42              |
|                      | Boys           | 132                          | 17.42           | 14.4                      | 68.18              |
| 8                    | Girls          | 216                          | 17.13           | 26.85                     | 56.02              |
|                      | Boys           | 227                          | 20.26           | 20.26                     | 59.48              |
| 9                    | Girls          | 219                          | 24.65           | 34.7                      | 40.65              |
|                      | Boys           | 256                          | 22.26           | 28.51                     | 49.23              |
| 10                   | Girls          | 257                          | 29.96           | 34.24                     | 35.80              |
|                      | Boys           | 282                          | 30.5            | 33.33                     | 36.17              |
| 11                   | Girls          | 283                          | 33.21           | 40.00                     | 26.79              |
|                      | Boys           | 275                          | 32.0            | 36.36                     | 31.64              |
| 12                   | Girls          | 241                          | 34.44           | 41.49                     | 24.07              |
|                      | Boys           | 232                          | 34.91           | 36.60                     | 28.49              |
| 13                   | Girls          | 326                          | 33.43           | 44.78                     | 21.79              |
|                      | Boys           | 275                          | 40.72           | 35.72                     | 23.56              |
| Divide by 16         |                | 3669                         | 432.48          | 449.36                    | 718.16             |
|                      |                | 229.31                       | 27.03           | 28.08                     | 44.89              |
| Com-<br>pare<br>1924 | Increase<br>or | ...                          | ...             | 0.08                      | ...                |
|                      | Decrease       | 18.84                        | 2.45            | ...                       | 2.41               |

TABLE III.  
Shewing Percentages of Attendances at Clinic.

| Years        | Sex   | Number Inspected                       | Treated at Clinic | Percentage                                      |
|--------------|-------|----------------------------------------|-------------------|-------------------------------------------------|
| 6            | Girls | 160                                    | 126               | 78.75                                           |
|              | Boys  | 155                                    | 129               | 83.32                                           |
| 7            | Girls | 133                                    | 84                | 63.15                                           |
|              | Boys  | 132                                    | 91                | 68.93                                           |
| 8            | Girls | 216                                    | 124               | 57.40                                           |
|              | Boys  | 227                                    | 136               | 59.91                                           |
| 9            | Girls | 219                                    | 104               | 47.48                                           |
|              | Boys  | 256                                    | 115               | 45.00                                           |
| 10           | Girls | 257                                    | 91                | 35.37                                           |
|              | Boys  | 282                                    | 113               | 40.07                                           |
| 11           | Girls | 283                                    | 96                | 34.00                                           |
|              | Boys  | 275                                    | 68                | 24.72                                           |
| 12           | Girls | 241                                    | 56                | 23.23                                           |
|              | Boys  | 232                                    | 71                | 30.47                                           |
| 13           | Girls | 326                                    | 71                | 21.77                                           |
|              | Boys  | 275                                    | 50                | 18.18                                           |
| Divide by 16 |       | 3669                                   | 1525              | 724.34                                          |
|              |       | 229.31                                 | 95.31             | 45.27                                           |
|              |       | Average Number of Children of each age |                   | Average Percentage of each age attending Clinic |

TABLE IV.

| Years | Extractions |         | Fillings |          | Dressings |          | Extraction under local Anaesthetic |
|-------|-------------|---------|----------|----------|-----------|----------|------------------------------------|
|       | Tem'ry      | Perm'nt | Tem'ry   | Perm'n't | Tem'ry    | Perm'n't |                                    |
| 6     | 398         | ...     | 42       | 8        | 495       | ...      | 44                                 |
| 7     | 323         | ...     | 18       | 36       | 259       | 16       | 51                                 |
| 8     | 529         | 3       | 3        | 93       | 196       | 31       | 85                                 |
| 9     | 475         | 11      | ...      | 103      | 73        | 62       | 122                                |
| 10    | 383         | 29      | ...      | 92       | 36        | 35       | 89                                 |
| 11    | 221         | 38      | ...      | 117      | 6         | 43       | 52                                 |
| 12    | 69          | 77      | ...      | 111      | ...       | 20       | 70                                 |
| 13    | 28          | 87      | ...      | 96       | ...       | 18       | 76                                 |
| Total | 2426        | 245     | 63       | 656      | 1065      | 225      | 589                                |

TABLE V.—Shewing Total Attendances at Clinic.

|            | Girls | Boys | Total |
|------------|-------|------|-------|
| 6 years... | 126   | 129  | 255   |
| 7 „ ...    | 84    | 91   | 175   |
| 8 „ ...    | 124   | 136  | 260   |
| 9 „ ...    | 104   | 115  | 219   |
| 10 „ ...   | 91    | 113  | 204   |
| 11 „ ...   | 96    | 68   | 164   |
| 12 „ ...   | 56    | 71   | 127   |
| 13 „ ...   | 71    | 50   | 121   |
| Total ...  | 752   | 773  | 1525  |

Some of the above have attended twice, some three times for treatment.

TABLE VI—Shewing Total Averages.

|                                                                         | 1925.  | 1924.  | Inc. | Dec. |
|-------------------------------------------------------------------------|--------|--------|------|------|
| Total Average Attendance at Clinic                                      | 45.27  | 45.87  |      | 0.60 |
| Sound Dentition .....                                                   | 28.40  | 30.14  |      | 1.74 |
| Taken to own Dentist .....                                              | 19.21  | 14.82  | 4.39 |      |
| Refused Treatment, indifferent, left<br>School, ill and unaccounted for | 7.12   | 9.17   |      | 2.05 |
|                                                                         | 100.00 | 100.00 |      |      |

TABLE VII.

Shewing Comparisons in Number of Children Inspected.

|                                                                            | 1925. | 1924. |
|----------------------------------------------------------------------------|-------|-------|
| Number of children inspected .....                                         | 3669  | 3972  |
| Number of Nils .....                                                       | 1042  | 1197  |
| Sent for to attend Clinic .....                                            | 2627  | 2775  |
| Number of children attended Clinic .....                                   | 1525  | 1822  |
| Percentage of children attended Clinic who<br>were actually sent for ..... | 58.05 | 65.65 |

Decrease percentage of attendance, 7.60.

TABLE VIII.

Shewing comparisons of Children Inspected.

|                | 1925 | 1924 | Increase | Decrease |
|----------------|------|------|----------|----------|
| 6 years .....  | 315  | 275  | 40       |          |
| 7 years .....  | 265  | 459  |          | 194      |
| 8 years .....  | 443  | 493  |          | 50       |
| 9 years .....  | 475  | 539  |          | 64       |
| 10 years ..... | 539  | 587  |          | 48       |
| 11 years ..... | 558  | 493  | 65       |          |
| 12 years ..... | 473  | 582  |          | 109      |
| 13 years ..... | 601  | 544  | 57       |          |
|                | 3669 | 3972 | 162      | 465      |

Nett Decrease Inspected, 303.

Total Decrease in two years, 591.

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