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**COUNTY BOROUGH OF BURY.**

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# **REPORT**

ON THE

## **Medical Inspection of School Children,**

**For the Year ending December 31st, 1915.**

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**G. GRANVILLE BUCKLEY, M.D., D.P.H.,**

SCHOOL MEDICAL OFFICER, MEDICAL OFFICER OF HEALTH,

AND

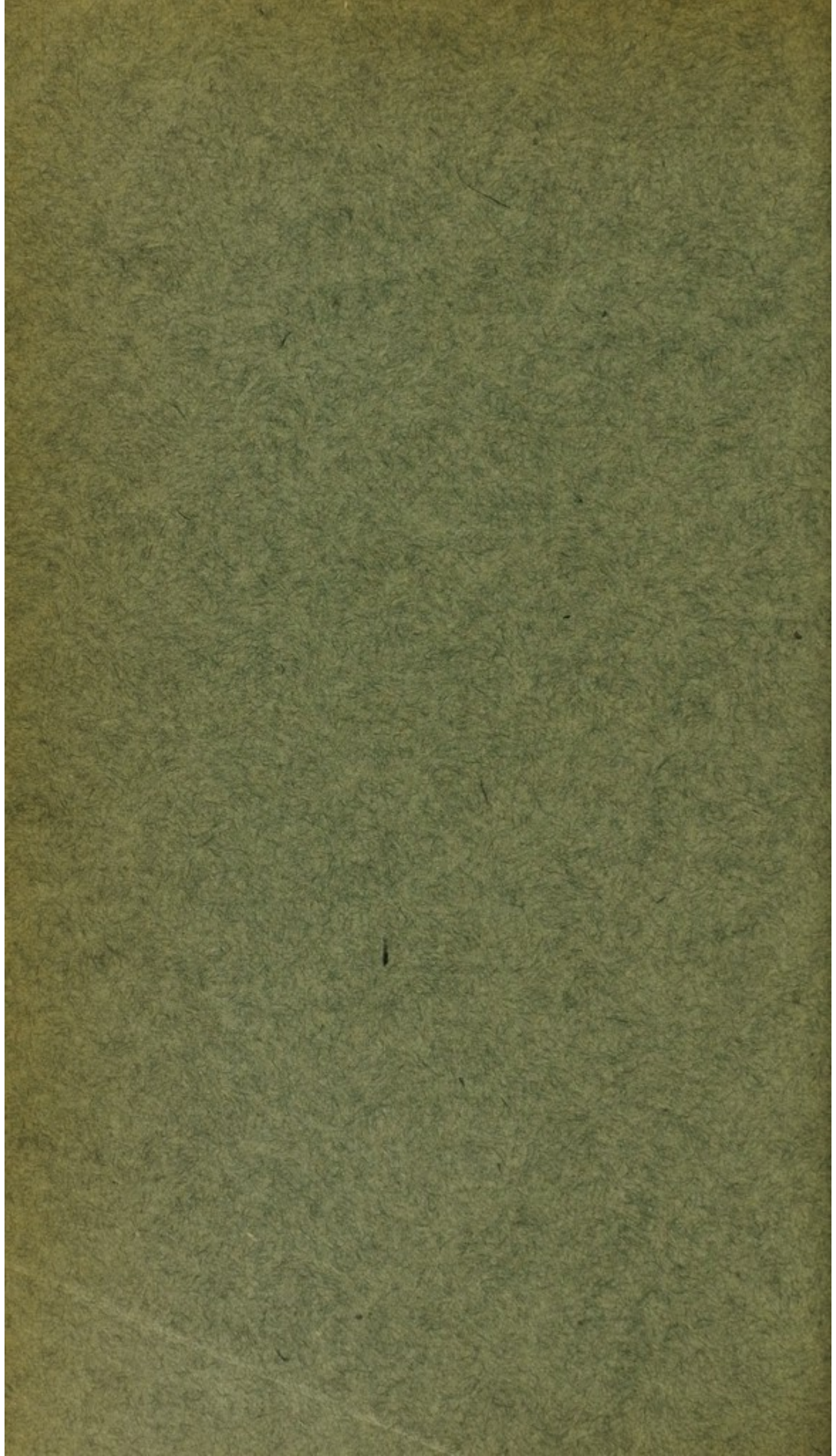
CHIEF TUBERCULOSIS OFFICER.

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BURY :

PRINTED AT THE "TIMES" OFFICE, CROSS STREET.

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## Education Committee, 1915.

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CHAIRMAN - ALDERMAN FLETCHER.

DEPUTY-CHAIRMAN - COUNCILLOR HARDMAN.

HIS WORSHIP THE MAYOR (COUNCILLOR HACKING),

|                        |                    |
|------------------------|--------------------|
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| „ JACKSON,             | Miss PARKS,        |
| „ JAMIESON,            | *REV. C. MORRIS.   |
| „ G. A. KAY,           |                    |

*\*Members of the Care of Children Section.*

### STAFF.

*Medical Officer of Health, School Medical Officer, and Chief Tuberculosis Officer* :—G. GRANVILLE BUCKLEY, M.D., Ch.B., D.P.H.

*Assistant Medical Officer of Health, Assistant School Medical Officer and Clinical Tuberculosis Officer* :—JOHN ALLEN, M.B., Ch.B., D.P.H. (On active service since December 12th, 1914.)

*Temporary Assistant Medical Officer of Health, Assistant School Medical Officer, and Clinical Tuberculosis Officer* (January 11th, 1915, to July 31st, 1915) :—WILLIAM L. NICHOLSON, M.B., Ch.B.

*Ophthalmic Surgeon* :—G. AUBREY JELLY, F.R.C.S., Ed., D.P.H.

*School Nurse* :—LILIAN H. RISHTON.

*Chief Clerk* :—PERCY WOOD.

PUBLIC HEALTH DEPARTMENT,  
PARSONS LANE, BURY,

April 15th, 1916.

*To the Chairman and Members of the Education Committee,  
County Borough of Bury.*

Ladies and Gentlemen,

I have the honour to submit for your consideration my report on the Medical Inspection and Treatment of School Children during the year ended December 31st, 1915.

The total number of children examined during the year is about 300 less than that for the year 1914. This is due chiefly to the fact that the temporary Assistant Medical Officer, who was appointed in January, left at the end of July and the vacancy has not been filled.

I take this opportunity of expressing my thanks to the Director of Education and his staff, the Head Teachers of the various schools, the clerical staff of the Health Department, and to the School Nurse (Miss L. H. Rishton) for the assistance they have given me, and to you, Ladies and Gentlemen, for your courtesy and kind sympathy.

I am, Ladies and Gentlemen,

Your obedient servant,

G. GRANVILLE BUCKLEY.

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# County Borough of Bury.

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## MEDICAL INSPECTION OF SCHOOL CHILDREN.

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### I.—METHODS.

The arrangements made in 1911 have, for the most part, been continued throughout the year under review. The following account is, therefore, practically a repetition of that contained in previous reports.

The Medical Officer of Health acts also as School Medical Officer as before, but, owing to the great increase of work in the Health Department, chiefly due to work in connection with Tuberculosis, it was found necessary to appoint an assistant, who acts as Assistant School Medical Officer and Clinical Tuberculosis officer.

### CHILDREN INSPECTED.

During the year four main classes of children were inspected :

- I.—“Entrants,” i.e., those children who were newly admitted to school during the year.
- II.—“Intermediate Group,” i.e., children who were between the ages of 8 and 9 years at the time of inspection.
- III.—“Leavers,” i.e., children who have reached the age of 12, together with children over 13 who have not been previously examined.
- IV.—“Special Cases,” i.e., those children who were noticed by the Teacher, School Nurse, or Medical Officer to be suffering from some palpable disease or defect.

In addition to the above, a number of children were brought to the Health Office for examination, and several were examined for various reasons at their homes.

Early in the year a letter was sent to each of the head teachers detailing the classes of children it was proposed to examine and giving information as to the manner in which the Medical Inspection cards were to be filled up.

The Schedule of Examination issued by the Board of Education was followed throughout.

When the date of inspection at a school was approximately fixed, a week's notice was sent to the head teacher, who then entered on the cards the following particulars :—

Name of school.

Name, address, and age of child.

Date of birth.

Date of admission to school.

Previous school attended (if any).

Previous illness. (This information is obtained from forms filled in by the parents.)

Standard and regularity of attendance.

On the day previous to the inspection a further notice was sent to the head teacher informing him of the hour at which the Medical Officer would attend, and notices were sent to the parents of each child inviting them to be present.

The actual Medical Inspection is carried out by the Medical Officer, with the exception of the following items :—

Height.

Weight.

Cleanliness of body and head.

Vision.

Hearing.

} Older children only are tested ;

These are undertaken by the School Nurse, who also prepares the children for examination by the Medical Officer.

When a child is found to be suffering from some disease or defect, a notice is sent to the parent pointing out the nature of the defect and advising medical attention. The homes of these children are, after a reasonable interval, visited by the School Nurse, who makes inquiries as to any treatment obtained. If

treatment has not been obtained she re-visits again and again as required. These children are also re-examined by the Medical Officer on his next visit to the school in order to ascertain the effect of any treatment obtained.

All Routine Inspections take place on the school premises.

At a few of the Schools the arrangements for Medical Inspection are very good, but in the majority a classroom has to be emptied for the purpose.

In one or two instances the medical inspection has to be carried out in the cloakroom.

Any instructions from the Medical Officer to the teachers regarding a particular child are entered on the card in a space provided for the purpose. Any instructions given to the parent are also noted.

The Medical Inspection cards are kept in the school in a locked metal cabinet, the key of which is in the possession of the head teacher. Thus the teacher is always able to refer to the card when necessary. Cards of children requiring further attention are furnished with a special clip, and are thus easily referred to. When the child has received satisfactory treatment this clip is removed.

All the information on the cards is copied on to summary sheets, one being used for each sex in each school. These sheets are for the use of the Medical Officer and School Nurse, and are kept at the office.

A note-book is kept by the School Nurse for each school department. In this she enters the name and address of each child found to be suffering from defect or disease, together with the nature of the defect and particulars of her visits to the home of the child.

The school children are examined periodically by the School Nurse with the object of ascertaining the condition, as to cleanliness, of their heads. Special attention is directed towards the girls.

In cases where only a few nits are found a white card (M.I. 20) is sent giving a few general hints on the care of the hair. In more pronounced cases a green card (M.I. 21) is sent. This calls attention to the condition of the child's head, and asks the parent to remedy the same within a week. (Directions for cleansing the head are given on the back of the card.) At the end of that time the child is re-examined, and, if no improvement has taken place, a red card (M.I. 22) is sent, and the child is excluded from school for a week.

The Education Committee have authorised the Director of Education and the Medical Officer to take further action under the Children Act of 1908, or under the School Attendance Bye-laws, in cases where the above procedure fails to produce the desired effect.

## II.—RESULTS.

**Number of Visits to Schools and Departments.**—The total number of visits paid to schools and departments during the year was 193—thirty-three less than in the previous year. One hundred and sixty-seven of these were for the purpose of Medical Inspection, and 26 for other purposes—the control of infectious disease, &c.

**Number of Examinations made during the year.**—The total number of examinations made during 1915 was 3,290, and was made up as follows:—

|                                       |   |                                        |            |
|---------------------------------------|---|----------------------------------------|------------|
| Routine<br>Inspection                 | { | " Entrants " ... ..                    | 468        |
|                                       |   | " Intermediate Group " (aged 8) ... .. | 854        |
|                                       |   | " Leavers " (aged 12) ... ..           | 624        |
|                                       |   | " Specials " ... ..                    | 65         |
| Re-<br>Inspection                     | { | New Cases ... ..                       | 720        |
|                                       |   | Old Cases ... ..                       | 342        |
| Other Cases examined at Office ... .. |   | 217                                    |            |
|                                       |   |                                        | <hr/> 3290 |

At the routine inspections 171 entrants, 53 intermediates, and 55 leavers were absent.

In addition to the above, a large number of children were examined for dirty and verminous conditions, signs of infectious disease, &c.

**Sex and Age.**—The following table shows the sex and age of the children who underwent the routine inspection (excluding the "Special" cases):—

| ENTRANTS.             |     |     |     |             |       |     |
|-----------------------|-----|-----|-----|-------------|-------|-----|
| Age, Years—3-4.       | 4-5 | 5-6 | 6-7 | Other Ages. | Total |     |
| Boys ... ..           | 55  | 69  | 84  | 20          | 2     | 230 |
| Girls ... ..          | 70  | 60  | 92  | 15          | 1     | 238 |
| Total entrants ... .. |     |     |     |             |       | 468 |

#### INTERMEDIATE GROUP.

| Age, Years—8-9             | Total. |
|----------------------------|--------|
| Boys ... ..                | 425    |
| Girls ... ..               | 429    |
| Total intermediates ... .. | 854    |

#### LEAVERS.

| Age, Years—12-13     | Total. |
|----------------------|--------|
| Boys ... ..          | 322    |
| Girls ... ..         | 302    |
| Total leavers ... .. | 624    |

**Attendance of Parents.**—As previously stated, the parents are invited to be present at the Medical Inspection of their children. In the case of the "Leavers," 15.7 per cent. were accompanied by their parents. In the case of the Intermediate Group, the percentage was 17.5, and in the case of the "Entrants" 23.0. The figure relating to the "Leavers" shows a marked decrease on that for 1914, while that relating to "Entrants" shows a marked increase. Parents are often able to give valuable information as to the previous medical history of their children, and it is to be regretted that a larger proportion do not attend at the inspections. When the parents are present it is also possible to explain, more exactly than by a note, what is the matter with their children.

The number of objections to medical inspection received from parents is now very small indeed.

**Previous Infectious Disease.**—Prior to the Inspection of the children, forms (M.I. 4) are sent to the parents asking if the children have previously suffered from any infectious disease, and if so, at what age. Replies were received in 1,776 instances, whilst in 170 cases no information could be obtained.

The following table summarises the replies :—

| Disease              | No. had the Disease | Percentage    | Total          | Percentage |
|----------------------|---------------------|---------------|----------------|------------|
| Measles ... ..       | Boys ... ..         | 612 ... 68·99 | 1254 ... 70·65 |            |
|                      | Girls ... ..        | 642 ... 72·22 |                |            |
|                      | Entrants... ..      | 277 ... 70·30 |                |            |
|                      | Intermediates       | 526 ... 65·99 |                |            |
|                      | Leavers ... ..      | 451 ... 78·43 |                |            |
| Chicken-Pox... ..    | Boys ... ..         | 197 ... 22·21 | 411 ... 23·15  |            |
|                      | Girls ... ..        | 214 ... 24·07 |                |            |
|                      | Entrants... ..      | 66 ... 16·76  |                |            |
|                      | Intermediates       | 192 ... 24·07 |                |            |
|                      | Leavers ... ..      | 153 ... 26·61 |                |            |
| Whooping Cough...    | Boys ... ..         | 288 ... 32·47 | 651 ... 36·68  |            |
|                      | Girls ... ..        | 363 ... 40·83 |                |            |
|                      | Entrants... ..      | 126 ... 31·98 |                |            |
|                      | Intermediates       | 303 ... 38·02 |                |            |
|                      | Leavers ... ..      | 222 ... 38·61 |                |            |
| Scarlet Fever ... .. | Boys ... ..         | 91 ... 10·26  | 211 ... 11·32  |            |
|                      | Girls ... ..        | 120 ... 13·50 |                |            |
|                      | Entrants... ..      | 25 ... 6·35   |                |            |
|                      | Intermediates       | 102 ... 12·79 |                |            |
|                      | Leavers ... ..      | 84 ... 14·61  |                |            |
| Diphtheria ... ..    | Boys ... ..         | 16 ... 1·80   | 49 ... 2·76    |            |
|                      | Girls ... ..        | 33 ... 3·71   |                |            |
|                      | Entrants... ..      | 5 ... 1·27    |                |            |
|                      | Intermediates       | 20 ... 2·51   |                |            |
|                      | Leavers ... ..      | 24 ... 4·17   |                |            |
| Other Diseases... .. | Boys ... ..         | 84 ... 9·47   | 191 ... 10·76  |            |
|                      | Girls ... ..        | 107 ... 12·04 |                |            |
|                      | Entrants... ..      | 2 ... 0·51    |                |            |
|                      | Intermediates       | 96 ... 12·04  |                |            |
|                      | Leavers ... ..      | 93 ... 16·17  |                |            |

**Height and Weight.**—The following table shows the height and weight of the children at various ages. For purposes of comparison a set of averages is given for a large number of children in urban areas. These figures were compiled by Dr. Tuxford and Dr. Glegg, and refer to children weighed and measured in ordinary indoor clothing, but without boots.

In Bury the boys were weighed and measured without coat, waistcoat, and boots, and the girls without boots.

**BOYS (Height and Weight).**

| Age.  | No.<br>Examined | Average<br>Height in<br>Inches | Average<br>Height in<br>Centi-<br>metres | Urban<br>Areas<br>Average<br>Centi-<br>metres | Average<br>Weight<br>in<br>Pounds | Average<br>Weight<br>in<br>Kilo-<br>grammes | Urban<br>Areas<br>Average<br>Kilo-<br>grammes |
|-------|-----------------|--------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|---------------------------------------------|-----------------------------------------------|
| 3—4   | 62              | 37·90                          | 96·26                                    | 91·3                                          | 31·31                             | 14·20                                       | 14·74                                         |
| 4—5   | 69              | 38·83                          | 98·62                                    | 97·7                                          | 34·55                             | 15·67                                       | 16·10                                         |
| 5—6   | 94              | 42·37                          | 107·61                                   | 102·7                                         | 37·53                             | 17·02                                       | 17·34                                         |
| 6—7   | 23              | 44·17                          | 112·19                                   | 107·5                                         | 40·56                             | 18·39                                       | 19·31                                         |
| 7—8   | ...             | ..                             | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 8—9   | 390             | 48·00                          | 121·92                                   | ...                                           | 49·60                             | 22·49                                       | 22·75                                         |
| 9—10  | ...             | ...                            | ...                                      | ...                                           | ...                               | ...                                         | ..                                            |
| 10—11 | ...             | ...                            | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 11—12 | ...             | ...                            | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 12—13 | 299             | 55·32                          | 140·51                                   | 138·9                                         | 69·05                             | 31·32                                       | 32·45                                         |
| 13—14 | ...             | ...                            | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 14—15 | ...             | ...                            | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |

**GIRLS (Height and Weight).**

| Age.  | No.<br>Examined | Average<br>Height in<br>Inches. | Average<br>Height in<br>Centi-<br>metres | Urban<br>Areas<br>Average<br>Centi-<br>metres | Average<br>Weight<br>in<br>Pounds | Average<br>Weight<br>in<br>Kilo-<br>grammes | Urban<br>Areas<br>Average<br>Kilo-<br>grammes |
|-------|-----------------|---------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|---------------------------------------------|-----------------------------------------------|
| 3—4   | 71              | 34'31                           | 87'14                                    | 90'9                                          | 29'36                             | 13'31                                       | 14'29                                         |
| 4—5   | 69              | 40'81                           | 103'65                                   | 96'7                                          | 34'92                             | 15'83                                       | 15'69                                         |
| 5—6   | 95              | 41'75                           | 106'04                                   | 102 0                                         | 35'84                             | 16'25                                       | 16'92                                         |
| 6—7   | 18              | 42'94                           | 109'06                                   | 107'2                                         | 37'00                             | 16'78                                       | 18'44                                         |
| 7—8   | 2               | 44'00                           | 111'76                                   | 113'4                                         | 35'50                             | 16'11                                       | 20'40                                         |
| 8—9   | 399             | 47'91                           | 121'69                                   | ...                                           | 48'39                             | 21'94                                       | 22'18                                         |
| 9—10  | ...             | ...                             | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 10—11 | ...             | ...                             | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 11—12 | ...             | ...                             | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 12—13 | 273             | 55'22                           | 140'25                                   | 139'3                                         | 70'34                             | 31'90                                       | 32'79                                         |
| 13—14 | ...             | ...                             | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |
| 14—15 | ...             | ..                              | ...                                      | ...                                           | ...                               | ...                                         | ...                                           |

NOTE :—The discrepancy between the number of children medically inspected (see page 8) and the number weighed and measured is due to the fact that several children who attended when the inspection took place were absent when the weighing and measuring was carried out, and vice-versa.

**Clothing.**—The clothing was either insufficient or in a bad state of repair in the case of 7 boys (0.72 per cent.) and 3 girls (0.31 per cent.).

Many children wear too many clothes. It is a common thing to come across children wearing six or seven separate layers of clothing.

**Foot-gear.**—The boots of 8 boys (0.82 per cent.) and 6 girls (0.62 per cent.) were in a bad state of repair.

**Cleanliness of Head and Body.**—Since the Medical Inspection of School Children was introduced there has been a gradual improvement in the standard of cleanliness among the children. A great deal, however, yet remains to be done. A certain number of the children relapse time after time, and it is necessary, in these cases, to keep them continually under observation. This takes up a large amount of the Nurse's time, which ought to be devoted to other matters. Many of the teachers afford valuable assistance in obtaining an improvement in the condition of the children.

Among the boys there were four only (0.42 per cent.) whose heads were verminous, while 31 (3.17 per cent.) had nits only. The corresponding figures for the girls were 9 (0.93 per cent.) and 203 (20.95 per cent.) respectively.

The bodies of 31 boys (3.17 per cent.) were dirty, five (0.51 per cent.) were flea-bitten, and on nine (0.92 per cent.) pediculi were found. Of the girls, 16 (1.65 per cent.) were dirty, five (0.52 per cent.) flea-bitten, and in 10 (1.03 per cent.) pediculi were found.

**Nutrition.**—In 53 boys (5.42 per cent.) and 45 girls (4.64 per cent.) the nutrition was sub-normal, whilst in four boys (0.41 per cent.) and four girls (0.41 per cent.) nutrition was bad. In some instances the condition was due to deficient assimilation of food, while in others it was, no doubt, due to lack of sufficient food.

**Teeth.**—The total number of children who had one or more carious teeth was 1,589 (81.60 per cent.).

This number was made up as follows :—

Children with less than four carious teeth :—

| Entrants      |               | Intermediates |               | Leavers       |              |
|---------------|---------------|---------------|---------------|---------------|--------------|
| Boys          | Girls         | Boys          | Girls         | Boys          | Girls        |
| 100 (43.48%), | 100 (42.02%), | 217 (52.00%), | 207 (48.25%), | 187 (58.07%), | 200 (66.22%) |

Children with four or more carious teeth :—

| Entrants     |              | Intermediates |               | Leavers      |             |
|--------------|--------------|---------------|---------------|--------------|-------------|
| Boys         | Girls        | Boys          | Girls         | Boys         | Girls       |
| 67 (29.01%), | 49 (20.59%), | 144 (33.88%), | 165 (38.46%), | 84 (26.09%), | 69 (22.85%) |

**Tonsils.**—One hundred boys (10.23 per cent.) and 83 girls (8.56 per cent.) had tonsils enlarged to such a degree that treatment was considered necessary, while 120 boys (12.28 per cent.) and 151 girls (15.68 per cent.) had them slightly enlarged.

**Adenoids.**—The probable existence of adenoids is judged from the facial characteristics of the child, and no attempt is made to confirm the diagnosis by digital examination. Sixty-seven boys (6.86 per cent.) and 37 girls (3.82 per cent.) were found to be suffering from adenoids to a marked degree, and the parents were advised to seek medical advice.

**Glands.**—In 23 boys (2.34 per cent.) and seven girls (0.72 per cent.) the glands of the neck were enlarged to such a degree that medical treatment was considered advisable. Several of the cases were due to dirty heads or decayed teeth, &c. There is always a possibility of these glands becoming tubercular, and it is important, therefore, that treatment should be obtained.

**External Eye Disease.**—The following cases of disease of the external eye were met with :—

|                            |                  |                   |
|----------------------------|------------------|-------------------|
| Strabismus (Squint) ... .. | 10 boys (1.02%), | 16 girls (1.65%). |
| Blepharitis ... ..         | 40 boys (4.08%), | 41 girls (4.23%). |
| Conjunctivitis ... ..      | 3 boys (0.31%),  | 2 girls (0.21%).  |
| Corneal Opacities ... ..   | 4 boys (0.41%),  | 1 girl (0.10%).   |
| Other diseases ... ..      | 15 boys (1.53%), | 5 girls (0.52%).  |

**Vision.**—The vision of the "Leavers" and "Intermediates" only is tested, and the testing is carried out by the Nurse.

Snellen's Test Types are used, and the parents of all children whose vision is of less acuity than 6/12 are advised to obtain treatment.

Ninety-one boys (9.31 per cent.) and 103 girls (1.06 per cent.) were thus referred for treatment.

For further details see tables on pages 31—33.

**Ear Disease.**—Chronic ear discharge was present in 13 boys (1.33 per cent.) and 10 girls (1.03 per cent.).

**Hearing.**—Forty-seven boys (4.81 per cent.) and 37 girls (3.82 per cent.) were found to be suffering from defective hearing to a greater or less degree.

**Heart.**—Organic disease of the heart was diagnosed in the case of 32 boys (3.27 per cent.) and 41 girls (4.23 per cent.). Of these, 12 occurred among the "Entrants," 31 among the "Intermediates," and 30 among the "Leavers."

Functional disease was diagnosed in three boys and four girls.

Marked Anæmia was present in the case of four boys (0.41%) and 14 girls (1.44%).

**Lungs.**—Fifteen boys (1.54 per cent.) and seven girls (0.72 per cent.) were suffering from Bronchitis at the time of examination. Two boys (0.21 per cent.) and one girl (0.10 per cent.) were found to be suffering from Phthisis, and four boys (0.41 per cent.) and three girls (0.31 per cent.) were suspected to have the disease but presented no definite signs.

The death rate from Phthisis in the Borough in 1915 was 1.35 per 1,000 of the population.

**Nervous System.**—One boy was suffering from Epilepsy, four boys and one girl from Chorea, and two boys and one girl from other diseases of the Nervous System.

**Tuberculosis.**—In addition to the above-mentioned cases of Phthisis, one boy was found to be suffering from Tuberculosis of Glands.

**Rickets.**—Eleven boys (1.12 per cent.) and seven girls (0.72 per cent.) presented marked signs of Rickets.

**Deformities.**—Forty-six boys (4.71 per cent.) and 16 girls (1.65 per cent.) were suffering from various deformities.

**Infectious Disease.**—No cases of infectious disease were found during the Routine Inspections.

**Contagious Disease.**—The following cases of contagious disease were discovered :—

|                 |                                  |
|-----------------|----------------------------------|
| Impetigo... ..  | 7 boys (0.72%), 6 girls (0.62%). |
| Ringworm (Body) | 2 boys (0.21%).                  |
| „ (Head)        | 3 boys (0.31%).                  |

**Miscellaneous.**—Among the diseases not classified under the above headings were :—

|                         | Boys. | Girls. |
|-------------------------|-------|--------|
| Vesical calculus ... .. | 1     | 1      |
| Phimosis ... ..         | 1     | —      |
| Gastro-enteritis ... .. | 1     | —      |
| Abscess neck ... ..     | 1     | —      |

### Special Cases.

When the Medical Officer visits a school for the purpose of Medical Inspection, advantage is taken of the opportunity to examine such children (not falling into one of the three classes, "Entrants," "Intermediates," and "Leavers") as have been noticed by the teachers to be suffering from some palpable disease or defect. The total number of such children brought to the notice of the Medical Officer during the year was 65, a decrease of 63 upon the number examined in 1914. A summary of the diseases and defects discovered will be found in Table II. at the end of the report.

### Miscellaneous Examinations.

These consist of children examined at the office and comprise such minor ailments as dirty and verminous conditions, ringworm, impetigo, &c. Saturday morning of each week is now set apart for the examination of these children at the Health Office, but many children attend at other times.

During the year 699 examinations have been made of 217 children :—

|                              | No. of<br>Children Affected. | No. of<br>Examinations. |
|------------------------------|------------------------------|-------------------------|
| Eczema Capitis ... ..        | 13                           | 37                      |
| Pediculi Capitis ... ..      | 23                           | 66                      |
| Nits only ... ..             | 21                           | 64                      |
| Pediculi Corporis ... ..     | 14                           | 33                      |
| Flea Bitten ... ..           | 6                            | 19                      |
| Ringworm ... ..              | 76                           | 316                     |
| Impetigo ... ..              | 9                            | 19                      |
| Alopecia ... ..              | 1                            | 1                       |
| Conjunctivitis ... ..        | 7                            | 22                      |
| Blepharitis ... ..           | 8                            | 20                      |
| Corneal Opacities ... ..     | 1                            | 1                       |
| Strabismus ... ..            | 1                            | 2                       |
| Phthisis ... ..              | 3                            | 14                      |
| Phthisis suspected ... ..    | 2                            | 7                       |
| Tuberculosis (Glands) ... .. | 1                            | 6                       |
| „ (Bone) ... ..              | 2                            | 5                       |
| Epilepsy ... ..              | 5                            | 16                      |
| Chorea ... ..                | 3                            | 10                      |
| Mentally defective ... ..    | 1                            | 1                       |
| Infectious diseases ... ..   | 1                            | 3                       |
| Heart and circulation ... .. | 7                            | 23                      |
| Otorrhœa... ..               | 3                            | 5                       |
| Nothing found ... ..         | 9                            | 9                       |
|                              | <hr/>                        | <hr/>                   |
| Totals... ..                 | 217                          | 699                     |
|                              | <hr/>                        | <hr/>                   |

### III.—TREATMENT.

#### METHODS EMPLOYED OR AVAILABLE FOR THE TREATMENT OF DEFECTS.

In all conditions requiring treatment a note is sent to the child's parents pointing out the nature of the disease or defect, and urging them to seek medical advice. After an interval the home is visited by the Nurse, who makes enquiries as to what action has been taken in the matter. If no treatment has been obtained the parents are again urged to see their doctor and are re-visited later. The child is also re-examined at school by the Medical Officer in order to ascertain the effect of any treatment obtained.

The chief agencies for treatment existing in Bury are :

(a) For general diseases :

- (1) The private practitioner.
- (2) The Bury Infirmary.

The Bury Corporation are subscribers to the Infirmary, and it has thus been possible to provide many children with recommends.

(b) For Tuberculosis :

- (1) The Tuberculosis Dispensary.
- (2) The Aitken Sanatorium.
- (3) The Ainsworth Sanatorium.

(c) For Diseases of the Eye :

- (1) A specialist has been appointed by the Local Authority to examine and prescribe for children suffering from defective vision, &c.
- (2) At the Bury Infirmary there is a special out-patients' department for diseases of the eye.
- (3) Arrangements have been made with the opticians of the town to provide spectacles to prescription at low rates. The Local Authority has also arranged to defray the cost, wholly or in part, in necessitous cases.

| DISEASE OR DEFECT.                         | NEW CASES |          |           |                |           | OLD CASES |          |           |           |                |
|--------------------------------------------|-----------|----------|-----------|----------------|-----------|-----------|----------|-----------|-----------|----------------|
|                                            | Treated   |          |           | No Information | Untreated | Treated   |          |           | Untreated | No Information |
|                                            | Cured     | Improved | Unchanged |                |           | Cured     | Improved | Unchanged |           |                |
| Clothing unsatisfactory ... ..             | 4         | 2        | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Footgear unsatisfactory ... ..             | 8         | 2        | 1         | 2              | ...       | ...       | ...      | ...       | ...       | ...            |
| Head:                                      |           |          |           |                |           |           |          |           |           |                |
| Nits only ... ..                           | 64        | 15       | ...       | 5              | 21        | 47        | 11       | 6         | 4         | 4              |
| Pediculi ... ..                            | 14        | ...      | ...       | 6              | 1         | 24        | 8        | ...       | 3         | 2              |
| Body:                                      |           |          |           |                |           |           |          |           |           |                |
| Dirty ... ..                               | 7         | 1        | ...       | ...            | ...       | 4         | ...      | ...       | 1         | 1              |
| Pediculi ... ..                            | 8         | ...      | ...       | ...            | 2         | 5         | ...      | ...       | ...       | 2              |
| Flea-bitten ... ..                         | 12        | 1        | ...       | ...            | ...       | 15        | 2        | 1         | 1         | 3              |
| Nutrition:                                 |           |          |           |                |           |           |          |           |           |                |
| Below normal ... ..                        | 16        | 28       | 86        | ...            | 10        | ...       | ...      | ...       | ...       | ...            |
| Bad ... ..                                 | ...       | 5        | 2         | ...            | 1         | ...       | ...      | ...       | ...       | ...            |
| Nose and Throat: Tonsils much enlarged ... | 59        | 30       | 2         | 25             | 18        | 29        | 28       | 1         | 38        | 10             |
| Adenoids marked ... ..                     | 91        | 16       | 2         | 18             | 21        | 18        | 9        | ...       | 7         | 5              |
| Glands:                                    |           |          |           |                |           |           |          |           |           |                |
| Much enlarged ... ..                       | 2         | 1        | ...       | 2              | 1         | 1         | 1        | ...       | 1         | 2              |
| External Eye Disease: Blepharitis ... ..   | 29        | 6        | ...       | 1              | 8         | 5         | ...      | 1         | ...       | 1              |
| Conjunctivitis ... ..                      | 4         | ...      | ...       | ...            | ...       | 8         | ...      | ...       | 1         | ...            |
| Corneal Opacities ... ..                   | ...       | 1        | 2         | ...            | ...       | 1         | 3        | 2         | ...       | ...            |
| Other disease ... ..                       | 8         | 5        | ...       | ...            | 3         | 14        | 7        | ...       | 7         | 5              |
| Ear Disease: Obstruction ... ..            | 5         | ...      | ...       | ...            | 2         | 2         | ...      | ...       | 1         | ...            |
| Otorrhœa ... ..                            | 4         | 4        | 3         | 1              | ...       | 9         | 4        | ...       | 2         | ...            |
| Other disease ... ..                       | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Teeth:                                     |           |          |           |                |           |           |          |           |           |                |
| More than four decayed ... ..              | ...       | 67       | ...       | 167            | 57        | 1         | 9        | 1         | 46        | 10             |
| Sepsis ... ..                              | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Heart and Circulation: Organic disease ... | 1         | 9        | 8         | ...            | 4         | 1         | 12       | 1         | 1         | 3              |
| Functional disease ... ..                  | 1         | ...      | ...       | ...            | 1         | ...       | ...      | ...       | ...       | ...            |
| Anæmia ... ..                              | ...       | 1        | ...       | ...            | 1         | 2         | 4        | ...       | ...       | 1              |
| Other disease ... ..                       | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Lungs:                                     |           |          |           |                |           |           |          |           |           |                |
| Chronic Bronchitis ... ..                  | 7         | 4        | ...       | 1              | 6         | 5         | 1        | ...       | ...       | 2              |
| Tuberculosis ... ..                        | ...       | 2        | ...       | ...            | ...       | ...       | 1        | ...       | ...       | ...            |
| Tuberculosis suspected ... ..              | 1         | 8        | 1         | ...            | 3         | ...       | ...      | ...       | ...       | ...            |
| Other disease ... ..                       | ...       | ...      | ...       | ...            | ...       | 1         | ...      | ...       | ...       | ...            |
| Nervous System: Epilepsy (major and minor) | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Chorea ... ..                              | 1         | ...      | ...       | ...            | 1         | 1         | ...      | 1         | ...       | 1              |
| Other disease ... ..                       | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Skin:                                      |           |          |           |                |           |           |          |           |           |                |
| Ringworm (body) ... ..                     | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Ringworm (head) ... ..                     | 1         | ...      | ...       | ...            | ...       | 3         | ...      | ...       | ...       | ...            |
| Impetigo ... ..                            | 1         | ...      | ...       | ...            | ...       | 2         | ...      | ...       | ...       | ...            |
| Scabies ... ..                             | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Other disease ... ..                       | 1         | ...      | ...       | ...            | ...       | 1         | ...      | ...       | ...       | ...            |
| Rickets:                                   |           |          |           |                |           |           |          |           |           |                |
| Marked ... ..                              | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Deformities                                | ...       | ...      | ...       | ...            | 2         | ...       | ...      | ...       | 2         | ...            |
| Tuberculosis (Non-Pulmonary): Glandular    | ...       | 1        | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Bones and joints ... ..                    | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Other forms ... ..                         | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Speech:                                    |           |          |           |                |           |           |          |           |           |                |
| Defective articulation ... ..              | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Stammering ... ..                          | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | ...            |
| Mental Condition: Dull or backward ...     | ...       | ...      | ...       | ...            | ...       | ...       | ...      | ...       | ...       | 1              |
| Mentally defective ... ..                  | ...       | ...      | ...       | ...            | ...       | ...       | 1        | ...       | ...       | ...            |
| Defective Vision                           | 41        | 14       | 5         | 27             | 25        | 10        | 5        | ...       | 4         | 4              |
| Defective Hearing                          | 3         | ...      | ...       | ...            | 1         | 1         | ...      | ...       | ...       | 2              |



## (a) GENERAL DISEASES :

The treatment of the various diseases and defects discovered during Medical Inspection still leaves a great deal to be desired. In many cases it is impossible to get the parents to see the importance of treatment. This is especially the case in such diseases as Adenoids, Enlarged Tonsils, &c., and applies, of course, especially to carious teeth. Medical Inspection has now been in operation since 1907, and it is doubtful if a greater percentage of children suffering from carious teeth now obtain treatment than was the case eight years ago. A great deal of the School Nurse's time is wasted in visiting such cases. The only solution of the difficulty appears to be the establishment of a dental clinic, and it is hoped that when circumstances become normal, the Local Education Authority will see their way to the provision of such a clinic. The question of the provision of a clinic for the treatment of minor ailments such as ringworm, impetigo, running ears, &c., has been considered by the Local Authority, who deemed it inadvisable during the period of the war to incur the expense of setting up such a clinic.

The appended table shows the number of cases treated during 1915.

## (b) TUBERCULOSIS :

## (1) The Tuberculosis Dispensary.

This institution was provided by the Bury Corporation, and was opened for the reception of patients on October 14th, 1914. The Dispensary contains 16 beds for "observation cases." Eight of these have been taken by the Lancashire County Council, and the remaining eight (four for males and four for females) are for the use of cases from the Borough. These beds are available for children of school age as well as for adults.

- (2) The Aitken Sanatorium, and
- (3) The Ainsworth Sanatorium.

These institutions are under the control of the Bury and District Joint Hospital Board, and the former has been used for the treatment of Tuberculosis since August, 1910.

The latter institution was originally the Board's Small-pox Hospital, and has only received the Local Government Board's temporary approval for its present use, which is the treatment of advanced cases of Tuberculosis.

The above two Institutions are not now available for children under 14 years of age. The majority of such children are treated at the Bury Tuberculosis Dispensary, and it is found possible occasionally to obtain their admission into the Delamere and Bowdon Sanatoria.

During 1915 the following cases of Tuberculosis have received institutional treatment:—

| Initials. | Age. | Institution.            | Admitted.              | Discharged.             | Length of stay. |
|-----------|------|-------------------------|------------------------|-------------------------|-----------------|
| S.A.M.    | 10   | Ainsworth Sanatorium    | Still in on Jan. 1/15. | Undischarged Dec. 31/15 | .. 365 days     |
| C.H.      | 12   | Tuberculosis Dispensary | Feb. 1/15.             | April 24/15             | .. 83 "         |
| A.A.      | 13   | " "                     | Mar. 4/15.             | July 7/15               | .. 136 "        |
| E.A.      | 11   | " "                     | Mar. 4/15.             | July 7/15               | .. 136 "        |
| F.S.      | 12   | " "                     | Aug. 14/15.            | Dec. 3/15               | .. 112 "        |
| A.B.      | 13   | " "                     | Sept. 27/15.           | Undischarged Dec. 31/15 | .. 96 "         |

(c) DISEASES OF THE EYE :

- (1) In March, 1914, arrangements were made whereby children suffering from Defective Vision, Strabismus, &c., are examined by an ophthalmic surgeon, and, where necessary, spectacles prescribed.

Dr. G. Aubrey Jelly was appointed to carry out the work. In May Dr. Jelly accepted a commission in the R.A.M.C., and Dr. J. Williamson was appointed as his deputy. In November Dr. Jelly wrote resigning his appointment, which was then given to Dr. Williamson. The children attend at his rooms in batches of six.

During the year under review 174 children were thus examined and spectacles prescribed in 165 cases.

These children are examined by the Medical Officer at each visit to schools, and enquiries are made as to whether the spectacles are worn regularly.

In 34 cases the parents were considered too poor to pay for spectacles, and the cost was defrayed, wholly or in part, by the Local Authority.

In addition to the above agencies for treatment, there remain to be mentioned the Manchester Royal Infirmary and other Manchester Hospitals. Manchester is but a few miles distant, and many children have attended these Institutions.

The Charity Organisation Society and the Guardians have also rendered valuable assistance in many ways.

#### IV.—INFECTIOUS DISEASE.

##### REVIEW OF ACTION TAKEN TO PREVENT INFECTIOUS DISEASE.

The Head Teachers of all the school departments are provided with forms on which to notify the Medical Officer of cases of Infectious Disease occurring among the scholars.

When a case of Infectious Disease in a school-child is notified to the Health Department, the Medical Officer sends notice to the Head Teacher of the department which the child attended. Particulars are given as to the length of time the patient and other members of the family must remain away from school.

##### (a) NOTIFIABLE INFECTIOUS DISEASES.

**Scarlet Fever.**—During the year 1915, 90 cases of Scarlet Fever occurring in school children were notified to the Health Department. On many occasions the Medical Officer has examined all the children in a school for evidence of disquamation, and this has resulted in several cases of Scarlet Fever being discovered among the children attending school.

The following table shows the number of cases of this disease which have been notified as having occurred among the children attending the various schools :—

| School.              | Jan. | Feb. | Mar. | April. | May. | June. | July. | Aug. | Sep. | Oct. | Nov. | Dec. | Total. |
|----------------------|------|------|------|--------|------|-------|-------|------|------|------|------|------|--------|
| Clerke Street ....   | ..   | ..   | ..   | ..     | ..   | 1     | ..    | ..   | ..   | ..   | 1    | ..   | 2      |
| George Street....    | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | ..   | 1    | ..   | 1      |
| Holy Trinity ...     | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | ..   | 1    | ..   | 1      |
| St. Marie's .....    | ..   | ..   | ..   | ..     | ..   | 1     | ..    | ..   | ..   | ..   | ..   | 1    | 2      |
| Brunswick .....      | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | ..   | ..   | 1    | 1      |
| St. John's.....      | ..   | 2    | ..   | ..     | 1    | ..    | 1     | 3    | 1    | ..   | 2    | ..   | 10     |
| Chesham .....        | ..   | 1    | ..   | 1      | ..   | 4     | ..    | 1    | ..   | 3    | 2    | 5    | 17     |
| Walmersley.....      | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | 2    | ..   | ..   | 2      |
| St. Mark's .....     | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | 3    | 7    | 2    | 12     |
| St. Joseph's .....   | ..   | ..   | ..   | ..     | ..   | 1     | ..    | ..   | ..   | ..   | ..   | 4    | 5      |
| St. Paul's (Bell) .. | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | 1    | ..   | ..   | 1      |
| St. Paul's(Huntl'y)  | ..   | 1    | ..   | ..     | ..   | 1     | ..    | ..   | ..   | ..   | ..   | ..   | 2      |
| East Ward Council    | 1    | ..   | ..   | ..     | ..   | ..    | 1     | ..   | ..   | 2    | 1    | ..   | 5      |
| Bircle .....         | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Thomas's .....   | ..   | ..   | ..   | ..     | ..   | 1     | ..    | ..   | ..   | 1    | 1    | 1    | 4      |
| Christian Church.    | ..   | ..   | ..   | 1      | ..   | ..    | ..    | 1    | ..   | ..   | ..   | ..   | 2      |
| St. Chad's.....      | ..   | ..   | ..   | ..     | ..   | 1     | 2     | ..   | ..   | ..   | ..   | 2    | 5      |
| St. Peter's .....    | ..   | ..   | ..   | ..     | ..   | ..    | ..    | 1    | ..   | 1    | 3    | ..   | 5      |
| Parish Church....    | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| Warth Fold.....      | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | 4    | ..   | ..   | ..   | 4      |
| St. Stephen's ...    | 1    | ..   | ..   | 1      | ..   | ..    | ..    | ..   | ..   | ..   | ..   | 1    | 3      |
| All Saints' .....    | ..   | ..   | ..   | ..     | ..   | ..    | 1     | 1    | ..   | 1    | ..   | ..   | 3      |
| Guardian Angels'.    | ..   | ..   | 2    | ..     | 1    | ..    | ..    | ..   | ..   | ..   | ..   | ..   | 3      |
| Elton Council...     | ..   | ..   | ..   | ..     | ..   | ..    | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| Total.....           | 2    | 4    | 2    | 3      | 2    | 10    | 5     | 7    | 5    | 14   | 19   | 17   | 90     |

**Diphtheria.**—The following table shows the number of cases of Diphtheria which have occurred during the past year amongst school children :—

| School.              | Jan. | Feb. | Mar. | April. | May. | June | July. | Aug. | Sep. | Oct. | Nov. | Dec. | Total. |
|----------------------|------|------|------|--------|------|------|-------|------|------|------|------|------|--------|
| Clerke Street ...    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| George Street....    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| Holy Trinity ....    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | 3    | 3      |
| St. Marie's .....    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | 2    | ..   | ..   | ..   | ..   | 2      |
| Brunswick .....      | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. John's.....      | 2    | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | 2      |
| Chesham .....        | 1    | ..   | ..   | ..     | ..   | ..   | ..    | 1    | ..   | ..   | ..   | ..   | 2      |
| Walmersley.....      | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Mark's .....     | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Joseph's .....   | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Paul's (Bell)..  | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Paul's (Huntl'y) | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| East Ward Council    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| Birchle .....        | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Thomas's ...     | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| Christian Church.    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Chad's .....     | ..   | 4    | ..   | ..     | ..   | ..   | ..    | 1    | ..   | ..   | ..   | ..   | 5      |
| St. Peter's .....    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | 1    | 1      |
| Parish Church ..     | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| Warth Fold .....     | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| St. Stephen's ....   | ..   | ..   | 1    | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | 1      |
| All Saints' .....    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | 2    | ..   | 2      |
| Guardian Angels'.    | ..   | ..   | ..   | ..     | ..   | ..   | ..    | ..   | ..   | ..   | ..   | ..   | ..     |
| Elton Council....    | 1    | ..   | ..   | 1      | ..   | 1    | ..    | ..   | ..   | ..   | ..   | ..   | 3      |
| Total.....           | 4    | 4    | 1    | 1      | ..   | 1    | ..    | 4    | ..   | ..   | 2    | 4    | 21     |

## (b) NON-NOTIFIABLE INFECTIOUS DISEASES.

The following schools have been closed during the periods stated on account of the prevalence of Non-notifiable Infectious Diseases :—

St. Paul's (Bell) School, Infants' Department, Chicken Pox :  
Closed from March 17th to April 1st.

Guardian Angels' School, Infants' Department, Measles and  
Chicken Pox : Closed from May 5th to May 26th.

All Saints' School, Infants' Department, Measles : Closed from  
May 7th to May 26th.

Holy Trinity School, Infants' Department, Measles : Closed  
from June 10th to June 30th.

St. Paul's (Bell) School, Infants' Department, Measles : Closed  
from June 28th to July 16th.

St. Stephen's School, Infants' Department, Measles : Closed  
from June 28th to July 16th.

East Ward Council School, Infants' Department, Measles :  
Closed from July 7th to July 30th.

Parish Church School, Infants' Department, Measles : Closed  
from July 9th to July 30th.

Clerke Street School, Infants' Department, Measles : Closed  
from July 21st to July 30th.

George Street School, Mixed and Infants' Departments,  
Measles : Closed from July 12th to July 30th.

Brunswick School, Infants' Department, Measles : Closed from  
July 14th to July 30th.

St. Peter's School, Infants' Department, Whooping Cough :  
Closed from July 14th to July 30th.

St. Paul's (Bell) School, Infants' Department, Measles : Closed  
from July 22nd to July 30th.

St. Paul's (Huntley) School, Infants' Department, Measles :  
Closed from July 26th to July 30th.

St. Thomas's School, Infants' Department, Measles : Closed  
from July 29th to July 30th.

Warth School, Infants' Department, Measles and Mumps:

Closed from September 22nd to October 12th.

Chesham School, Infants' Department, Measles and Chicken

Pox: Closed from October 19th to November 5th.

Birtle School, Mixed and Infants' Departments, Measles: Closed

from November 22nd to December 10th.

St. Chad's School, Infants' Department, Measles: Closed from

November 22nd to December 10th.

### V.—MISCELLANEOUS.

**Exclusion from School.**—102 children have been excluded from school during the year by the Medical Officer.

Particulars are given in the following table:—

| Reason for Exclusion. | Number Excluded. | Total Number of School Days Absent. | Average Number of School Days Absent. |
|-----------------------|------------------|-------------------------------------|---------------------------------------|
| Pediculi Capitis      | 18               | 195                                 | 11                                    |
| Nits only             | 23               | 314                                 | 13½                                   |
| Eczema Capitis        | 9                | 113                                 | 12½                                   |
| Pediculi Corporis     | 13               | 159½                                | 12                                    |
| Flea Bitten           | 4                | 49                                  | 12                                    |
| Ringworm              | 71               | 1910                                | 27                                    |
| Impetigo              | 9                | 80                                  | 9                                     |
| Blepharitis           | 7                | 50                                  | 7                                     |
| Conjunctivitis        | 6                | 113                                 | 19                                    |
| Phthisis              | 3                | 129                                 | 43                                    |
| Phthisis suspected    | 3                | 210                                 | 70                                    |
| Tubercular Hip        | 1                | 42                                  | 42                                    |
| Tubercular Glands     | 1                | 40                                  | 40                                    |
| Epilepsy              | 4                | 280                                 | 70                                    |
| Chorea                | 1                | 25                                  | 25                                    |
| Heart Disease         | 2                | 30                                  | 15                                    |
| Anæmia                | 3                | 75                                  | 25                                    |
| Ear Discharge         | 3                | 25                                  | 8                                     |
| Chicken Pox           | 1                | 15                                  | 15                                    |
| Mumps                 | 1                | 15                                  | 15                                    |

## INSTRUCTION IN PERSONAL HYGIENE.

Instruction in personal hygiene is given in the majority of the schools.

## PHYSICAL EXERCISES.

Physical and breathing exercises, based on the "Syllabus of Physical Exercises for Public Elementary Schools," which was issued by the Board of Education in 1909, are carried out in the schools.

## OPEN AIR SCHOOLS, &amp;c.

No open air schools or camps have been arranged, but at most of the schools classes are held out of doors in fine weather.

In summer many classes are held in the Public Recreation Grounds, of which the Borough possesses five.

**Education (Provision of Meals) Act, 1906.**

During the last few years it had not been considered necessary to put the above Act into operation, but early in September, 1914, and following the outbreak of the war acute local distress led the Education Committee to resume the feeding of necessitous school children, elementary schools being used as feeding centres. A large number of children attended these centres. During September, 1914, the average number of scholars fed daily was 731, while the figures for the months of October, November, and December were 958, 1,068, and 877.

The number of children receiving meals gradually diminished as the year went on, until it was finally decided to close the centres on May 29th, 1915.

The extent of the work carried out during 1915 is indicated in the following table :—

| Month.             | Number of Scholars<br>in Average<br>Attendance. | Average Number<br>of Scholars<br>Fed per Day. | Number of<br>Feeding<br>Centres. |
|--------------------|-------------------------------------------------|-----------------------------------------------|----------------------------------|
| January, 1915...   | 7247                                            | 767                                           | 11                               |
| February, 1915 ... | 7034                                            | 673                                           | 11                               |
| March, 1915 ...    | 6837                                            | 461                                           | 10                               |
| April, 1915 ...    | 7321                                            | 247                                           | 8                                |
| May, 1915 ...      | 7297                                            | 201                                           | 7                                |

There can be no doubt as to the great benefit wrought in the health of the children concerned by the provision of free meals, and the Teachers, School Attendance Officers, and other voluntary helpers are unanimous in their opinion. The tone and behaviour of the children have also materially improved under sympathetic supervision during the meals.

The use of the elementary schools as feeding centres rendered the ordinary arrangements for cleaning the schools inadequate. The interval between successive cleanings has, therefore, been reduced to one-third of the normal interval.

TABLE I. Number of Children Inspected 1st January, 1915, to 31st December, 1915.  
A—"CODE" GROUPS.

| AGE.        | ENTRANTS. |     |     |    |             | INTERMEDIATE GROUP. | LEAVERS. | Grand Total. |
|-------------|-----------|-----|-----|----|-------------|---------------------|----------|--------------|
|             | 3         | 4   | 5   | 6  | Other Ages. | Total.              |          |              |
| Boys .....  | 55        | 69  | 84  | 20 | 2           | 230                 | 12       |              |
| Girls ..... | 70        | 60  | 92  | 15 | 1           | 238                 | 322      | 977          |
| Totals...   | 125       | 129 | 176 | 35 | 3           | 468                 | 302      | 969          |
|             |           |     |     |    |             | 854                 | 624      | 1946         |

B—GROUPS OTHER THAN "CODE."

|              | Special Cases. | RE-EXAMINATIONS<br>(i.e., No. of Children<br>Re-Examined). |
|--------------|----------------|------------------------------------------------------------|
| Boys .....   | 35             | 1062                                                       |
| Girls .....  | 30             |                                                            |
| Totals ..... | 65             | 1062                                                       |

### Physical Condition of Children Inspected.

| TABLE II. Return showing the condition of the children. |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
|---------------------------------------------------------|-----------|-------|-------|----------|----------------|-------|-------|----------|----------|-------|-------|----------|---------|-------|-------|-------|-----------|-------|--|--|
| CONDITION.                                              | ENTRANTS. |       |       |          | INTERMEDIATES. |       |       |          | LEAVEES. |       |       |          | TOTALS. |       |       |       | SPECIALS. |       |  |  |
|                                                         | Boys      | Girls | Total | Per Cent | Boys           | Girls | Total | Per Cent | Boys     | Girls | Total | Per Cent | Boys    | Girls | Total | Boys  | Girls     | Total |  |  |
| Total Inspected                                         | 230       | 238   | 468   | ..       | 425            | 429   | 854   | ..       | 322      | 302   | 624   | ..       | 977     | 969   | 1946  | ..    | ..        | ..    |  |  |
| Clothing:                                               |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| Satisfactory                                            | 226       | 238   | 464   | 99.15    | 424            | 427   | 851   | 99.78    | 320      | 301   | 621   | 99.53    | 970     | 966   | 1936  | 99.49 | ..        | ..    |  |  |
| Unsatisfactory                                          | 4         | ..    | ..    | 0.85     | 1              | 2     | 3     | 0.35     | 2        | 1     | 3     | 0.48     | 7       | 3     | 10    | 0.51  | ..        | ..    |  |  |
| Feet:                                                   |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| Satisfactory                                            | 226       | 238   | 464   | 99.15    | 425            | 429   | 854   | 100.00   | 322      | 302   | 624   | 100.00   | 973     | 969   | 1942  | 99.79 | ..        | ..    |  |  |
| Unsatisfactory                                          | 4         | ..    | ..    | 0.85     | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | 4       | ..    | 4     | 0.21  | ..        | ..    |  |  |
| Cleanliness of Head: Clean (i.e., no dirt or pedicul)   | 228       | 208   | 436   | 92.16    | 402            | 316   | 718   | 84.08    | 312      | 233   | 545   | 87.34    | 942     | 757   | 1699  | 87.31 | ..        | ..    |  |  |
| Nits only                                               | 20        | 29    | 49    | 10.84    | 21             | 109   | 130   | 15.22    | 10       | 65    | 75    | 12.02    | 31      | 203   | 234   | 12.02 | ..        | ..    |  |  |
| Pedicul                                                 | 2         | 1     | 3     | 0.64     | 2              | 6     | 0.70  | ..       | ..       | ..    | ..    | ..       | 4       | ..    | 4     | 0.21  | ..        | ..    |  |  |
| Cleanliness of Body: Clean                              | 224       | 231   | 455   | 92.75    | 395            | 413   | 808   | 94.31    | 315      | 295   | 610   | 97.76    | 934     | 939   | 1873  | 96.25 | ..        | ..    |  |  |
| Not clean                                               | 6         | 7     | 13    | 2.84     | 40             | 26    | 5.29  | 5.69     | 18       | 44    | 62    | 10.24    | 38      | 26    | 64    | 3.75  | ..        | ..    |  |  |
| Pedicul                                                 | 1         | 2     | 3     | 0.64     | 8              | 16    | 3.44  | ..       | ..       | ..    | ..    | ..       | 5       | 5     | 10    | 0.51  | ..        | ..    |  |  |
| Flea bitten                                             | 5         | 5     | 10    | 2.13     | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Nutrition:                                              |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| Excellent                                               | 22        | 22    | 44    | 9.82     | 35             | 30    | 60    | 7.00     | 5        | 13    | 18    | 2.88     | 6       | 17    | 23    | 1.13  | ..        | ..    |  |  |
| Normal                                                  | 224       | 216   | 440   | 90.18    | 390            | 399   | 791   | 93.00    | 310      | 282   | 592   | 97.12    | 936     | 952   | 1888  | 98.87 | ..        | ..    |  |  |
| Below normal                                            | 6         | 1     | 7     | 1.52     | 39             | 34    | 7.00  | 8.00     | 8        | 2     | 10    | 1.61     | 53      | 45    | 98    | 5.04  | ..        | ..    |  |  |
| Bad                                                     | ..        | ..    | ..    | 0.21     | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Nose and Throat:                                        |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No defect                                               | 191       | 194   | 385   | 82.26    | 235            | 257   | 492   | 57.61    | 194      | 202   | 396   | 63.46    | 620     | 633   | 1253  | 65.42 | ..        | ..    |  |  |
| Cervical, slightly enlarged                             | 10        | 9     | 19    | 4.07     | 62             | 94    | 176   | 20.61    | 47       | 68    | 115   | 18.86    | 115     | 122   | 237   | 12.25 | ..        | ..    |  |  |
| Cervical, much enlarged                                 | 7         | 5     | 12    | ..       | 19             | 15    | 32    | 3.88     | 8        | 6     | 14    | 2.24     | 24      | 34    | 58    | 3.08  | ..        | ..    |  |  |
| Submaxillary, much enlarged                             | 1         | ..    | 1     | 0.21     | 5              | 1     | 6     | 0.70     | ..       | ..    | ..    | ..       | 8       | 2     | 10    | 0.51  | ..        | ..    |  |  |
| External Eye Disease:                                   |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 211       | 223   | 434   | 92.74    | 369            | 317   | 686   | 73.30    | 271      | 256   | 526   | 85.40    | 731     | 683   | 1413  | 82.02 | ..        | ..    |  |  |
| Cervical, slightly enlarged                             | 10        | 9     | 19    | 4.07     | 62             | 94    | 176   | 20.61    | 47       | 68    | 115   | 18.86    | 115     | 122   | 237   | 12.25 | ..        | ..    |  |  |
| Cervical, much enlarged                                 | 7         | 5     | 12    | ..       | 19             | 15    | 32    | 3.88     | 8        | 6     | 14    | 2.24     | 24      | 34    | 58    | 3.08  | ..        | ..    |  |  |
| Submaxillary, much enlarged                             | 1         | ..    | 1     | 0.21     | 5              | 1     | 6     | 0.70     | ..       | ..    | ..    | ..       | 8       | 2     | 10    | 0.51  | ..        | ..    |  |  |
| External Eye Disease:                                   |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 222       | 234   | 456   | 97.44    | 394            | 399   | 793   | 92.86    | 299      | 287   | 586   | 93.91    | 915     | 920   | 1835  | 94.39 | ..        | ..    |  |  |
| Blepharitis                                             | 4         | 4     | 8     | 1.72     | 20             | 24    | 44    | 5.14     | 18       | 15    | 33    | 5.29     | 40      | 41    | 81    | 4.16  | ..        | ..    |  |  |
| Conjunctivitis                                          | 2         | 1     | 3     | 0.64     | 1              | ..    | 1     | ..       | ..       | ..    | ..    | ..       | 1       | ..    | 1     | 0.05  | ..        | ..    |  |  |
| Corneal opacities                                       | 2         | 1     | 3     | 0.64     | 1              | ..    | 1     | ..       | ..       | ..    | ..    | ..       | 1       | ..    | 1     | 0.05  | ..        | ..    |  |  |
| Other diseases                                          | ..        | ..    | ..    | ..       | 4              | 13    | 153   | ..       | 4        | ..    | ..    | ..       | 4       | 6     | 10    | 0.51  | ..        | ..    |  |  |
| Ear Disease:                                            |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 227       | 234   | 461   | 98.51    | 407            | 416   | 823   | 96.37    | 310      | 298   | 608   | 97.44    | 944     | 948   | 1892  | 97.33 | ..        | ..    |  |  |
| Obstruction, E.                                         | ..        | ..    | ..    | ..       | 7              | 4     | 11    | 1.29     | 3        | 2     | 5     | 0.60     | 10      | 6     | 16    | 0.82  | ..        | ..    |  |  |
| Obstruction, L.                                         | ..        | ..    | ..    | ..       | 4              | 2     | 6     | 0.70     | 3        | 2     | 5     | 0.60     | 7       | 4     | 11    | 0.56  | ..        | ..    |  |  |
| Otitis media                                            | 1         | 2     | 3     | 0.64     | 4              | 3     | 7     | 0.82     | 4        | 3     | 7     | 0.82     | 8       | 4     | 12    | 0.62  | ..        | ..    |  |  |
| Otitis externa                                          | 2         | 2     | 4     | 0.85     | 3              | 4     | 7     | 0.82     | 4        | 4     | 8     | 0.94     | 9       | 6     | 15    | 0.77  | ..        | ..    |  |  |
| Other diseases                                          | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Teeth:                                                  |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| Sound                                                   | 63        | 88    | 151   | 32.26    | 56             | 54    | 110   | 12.88    | 47       | 30    | 77    | 19.24    | 166     | 172   | 338   | 17.37 | ..        | ..    |  |  |
| Less than four decayed                                  | 100       | 100   | 200   | 42.74    | 217            | 207   | 424   | 49.63    | 187      | 179   | 366   | 43.52    | 394     | 371   | 765   | 39.05 | ..        | ..    |  |  |
| Four or more decayed                                    | 67        | 49    | 116   | 25.00    | 110            | 106   | 216   | 25.49    | 69       | 53    | 122   | 29.22    | 295     | 283   | 578   | 29.70 | ..        | ..    |  |  |
| Septis                                                  | 1         | 1     | 2     | 0.43     | 8              | 3     | 11    | 1.29     | 3        | 7     | 10    | 1.24     | 10      | 10    | 20    | 1.04  | ..        | ..    |  |  |
| Heart and Circulation:                                  |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 223       | 227   | 450   | 96.15    | 410            | 405   | 815   | 95.43    | 305      | 278   | 583   | 93.43    | 938     | 910   | 1848  | 94.96 | ..        | ..    |  |  |
| Organic disease                                         | 5         | 7     | 12    | 2.55     | 11             | 20    | 31    | 3.63     | 16       | 14    | 30    | 3.81     | 32      | 41    | 73    | 3.75  | ..        | ..    |  |  |
| Functional disease                                      | 2         | 4     | 6     | 1.29     | 1              | 1     | 2     | 0.24     | 1        | 1     | 2     | 0.24     | 3       | 4     | 7     | 0.36  | ..        | ..    |  |  |
| Anemia                                                  | ..        | ..    | ..    | ..       | 3              | 4     | 7     | 0.82     | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Other defect                                            | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Lungs:                                                  |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 227       | 234   | 461   | 98.51    | 394            | 415   | 809   | 94.73    | 311      | 289   | 600   | 96.15    | 932     | 938   | 1870  | 96.09 | ..        | ..    |  |  |
| Chronic Bronchitis & Bronch Catarrh                     | 3         | 4     | 7     | 1.49     | 9              | 2     | 11    | 1.29     | 9        | 4     | 13    | 1.52     | 14      | 7     | 21    | 1.13  | ..        | ..    |  |  |
| Tuberculosis                                            | ..        | ..    | ..    | ..       | 1              | 1     | 2     | 0.24     | 1        | 1     | 2     | 0.24     | 2       | 2     | 4     | 0.21  | ..        | ..    |  |  |
| Tuberculosis suspected                                  | ..        | ..    | ..    | ..       | 1              | 1     | 2     | 0.24     | 1        | 1     | 2     | 0.24     | 2       | 2     | 4     | 0.21  | ..        | ..    |  |  |
| Other diseases                                          | ..        | ..    | ..    | ..       | 11             | 11    | 22    | 3.28     | ..       | ..    | ..    | ..       | 20      | 20    | 40    | 2.07  | ..        | ..    |  |  |
| Nervous System:                                         |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 228       | 237   | 465   | 99.36    | 422            | 428   | 850   | 99.33    | 320      | 302   | 622   | 99.68    | 970     | 967   | 1937  | 99.54 | ..        | ..    |  |  |
| Epilepsy (major or minor)                               | ..        | ..    | ..    | ..       | 1              | 1     | 2     | 0.24     | ..       | ..    | ..    | ..       | 1       | 1     | 2     | 0.10  | ..        | ..    |  |  |
| Chorea                                                  | ..        | ..    | ..    | ..       | 1              | 1     | 2     | 0.24     | ..       | ..    | ..    | ..       | 1       | 1     | 2     | 0.10  | ..        | ..    |  |  |
| Other diseases                                          | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Skin:                                                   |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 224       | 226   | 450   | 98.30    | 420            | 425   | 845   | 98.95    | 318      | 301   | 619   | 99.20    | 932     | 932   | 1864  | 98.87 | ..        | ..    |  |  |
| Ringworm, body                                          | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Ringworm, head                                          | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Impetigo                                                | 6         | 2     | 8     | 1.70     | 1              | 1     | 2     | 0.24     | ..       | ..    | ..    | ..       | 3       | 6     | 9     | 0.45  | ..        | ..    |  |  |
| Scabies                                                 | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Other diseases                                          | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Rickets:                                                |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 220       | 226   | 446   | 99.58    | 379            | 383   | 762   | 89.23    | 234      | 250   | 574   | 91.99    | 903     | 899   | 1802  | 92.40 | ..        | ..    |  |  |
| Slight                                                  | ..        | ..    | ..    | ..       | 1              | 1     | 2     | 0.24     | 25       | 21    | 46    | 7.37     | 63      | 63    | 126   | 6.48  | ..        | ..    |  |  |
| Marked                                                  | ..        | ..    | ..    | ..       | 1              | 1     | 2     | 0.24     | ..       | ..    | ..    | ..       | 4       | 4     | 8     | 0.41  | ..        | ..    |  |  |
| Deformities:                                            |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No deformity                                            | 227       | 226   | 453   | 98.94    | 401            | 417   | 818   | 93.78    | 303      | 300   | 603   | 96.63    | 931     | 933   | 1864  | 96.61 | ..        | ..    |  |  |
| Deformity present                                       | ..        | ..    | ..    | ..       | 24             | 12    | 36    | 4.22     | 19       | 2     | 21    | 3.37     | 96      | 16    | 112   | 5.69  | ..        | ..    |  |  |
| Tuberculosis (Non-Pulmonary):                           |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No disease                                              | 220       | 228   | 448   | 100.00   | 424            | 429   | 853   | 99.88    | 322      | 302   | 624   | 100.00   | 970     | 969   | 1939  | 99.95 | ..        | ..    |  |  |
| Glandular                                               | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Bones and joints                                        | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Other forms                                             | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Speech:                                                 |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| No defective                                            | 228       | 237   | 465   | 99.36    | 421            | 429   | 850   | 99.53    | 319      | 301   | 620   | 99.36    | 968     | 967   | 1935  | 99.43 | ..        | ..    |  |  |
| Defective articulation                                  | ..        | ..    | ..    | ..       | 3              | 3     | 6     | 0.64     | ..       | ..    | ..    | ..       | 1       | 1     | 2     | 0.10  | ..        | ..    |  |  |
| Stammering                                              | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Mental Conditions:                                      |           |       |       |          |                |       |       |          |          |       |       |          |         |       |       |       |           |       |  |  |
| Normal                                                  | 226       | 238   | 464   | 100.00   | 407            | 424   | 831   | 97.81    | 313      | 301   | 614   | 98.20    | 960     | 963   | 1923  | 98.20 | ..        | ..    |  |  |
| Dull or backward                                        | ..        | ..    | ..    | ..       | 1              | 1     | 2     | 0.24     | ..       | ..    | ..    | ..       | 1       | 1     | 2     | 0.10  | ..        | ..    |  |  |
| Mentally defective (all grades)                         | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |
| Nothing found                                           | ..        | ..    | ..    | ..       | ..             | ..    | ..    | ..       | ..       | ..    | ..    | ..       | ..      | ..    | ..    | ..    | ..        | ..    |  |  |



## HEARING-LEAVERS ROUTINE CASES, 1915.

| BOYS.      |          |          |          |         |         | GIRLS. |          |          |          |         |         |
|------------|----------|----------|----------|---------|---------|--------|----------|----------|----------|---------|---------|
|            | L 20-ft. | L 15-ft. | L 10-ft. | L 5-ft. | L 0-ft. |        | L 20-ft. | L 15-ft. | L 10-ft. | L 5-ft. | L 0-ft. |
| R 20-ft... | 281      | 2        | 2        | ...     | ...     |        | 290      | 1        | ...      | ...     | ...     |
| R 15-ft... | ...      | 8        | 1        | ...     | ...     |        | 1        | 8        | ...      | ...     | ...     |
| R 10-ft... | ...      | 1        | 7        | ...     | ...     |        | 1        | ...      | 4        | ...     | ...     |
| R 5-ft...  | ...      | ...      | 1        | ...     | ...     |        | ...      | ...      | ...      | 1       | ...     |
| R 0-ft...  | ...      | 1        | ...      | ...     | ..      |        | ...      | ...      | ...      | ...     | ...     |

## HEARING—CHILDREN AGED 8.—1915.

|            | BOYS.    |          |          |         |         | GIRLS.   |          |          |         |         |
|------------|----------|----------|----------|---------|---------|----------|----------|----------|---------|---------|
|            | L 20-ft. | L 15-ft. | L 10-ft. | L 5-ft. | L 0-ft. | L 20-ft. | L 15-ft. | L 10-ft. | L 5-ft. | L 0-ft. |
| R 20-ft... | 399      | 1        | 1        | ...     | 1       | 408      | 1        | ...      | ...     | 2       |
| R 15-ft... | 2        | 10       | ...      | ...     | ...     | 4        | 6        | 1        | ...     | ...     |
| R 10-ft... | 2        | ...      | 3        | ...     | ...     | ...      | 2        | 3        | ...     | ...     |
| R 5-ft...  | ...      | ...      | 1        | 1       | ...     | ...      | ...      | ...      | 2       | ...     |
| R 0-ft...  | 1        | ...      | ...      | ...     | 1       | ...      | ...      | ...      | ...     | ...     |

## ACUITY OF VISION.

## LEAVERS—BOYS.

|                       | $L \frac{6}{8}$ | $L \frac{6}{9}$ | $L \frac{6}{12}$ | $L \frac{6}{18}$ | $L \frac{6}{24}$ | $L \frac{6}{36}$ | $L \frac{6}{40}$ | $L \frac{6}{8}$ |
|-----------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| R $\frac{6}{8}$ ..... | 202             | 1               | 2                | 2                | 1                | ...              | ...              | ...             |
| R $\frac{6}{9}$ ..... | 3               | 44              | 5                | 1                | 2                | ...              | ...              | ...             |
| R $\frac{6}{12}$ ...  | 3               | 2               | 8                | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{18}$ ...  | 2               | 3               | ...              | 10               | 1                | 1                | ...              | ...             |
| R $\frac{6}{24}$ ...  | ...             | 1               | ...              | 5                | 2                | 1                | ...              | ...             |
| R $\frac{6}{36}$ ...  | ...             | 1               | 1                | ...              | 1                | 2                | ...              | ...             |
| R $\frac{6}{40}$ ...  | 1               | ...             | ...              | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{8}$ ..... | ...             | 1               | ...              | 1                | ...              | ...              | ...              | ..              |

## LEAVERS—GIRLS.

|                       | $L \frac{6}{8}$ | $L \frac{6}{9}$ | $L \frac{6}{12}$ | $L \frac{6}{18}$ | $L \frac{6}{24}$ | $L \frac{6}{36}$ | $L \frac{6}{40}$ | $L \frac{6}{8}$ |
|-----------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| R $\frac{6}{8}$ ..... | 183             | 1               | 1                | 4                | 3                | 2                | ...              | 1               |
| R $\frac{6}{9}$ ..... | 2               | 38              | 4                | 2                | ...              | ...              | 1                | ...             |
| R $\frac{6}{12}$ ...  | ...             | 3               | 12               | 2                | 1                | 1                | ...              | ...             |
| R $\frac{6}{18}$ ...  | 4               | 3               | 1                | 11               | ...              | 1                | ...              | ...             |
| R $\frac{6}{24}$ ...  | 1               | ...             | ..               | 4                | 6                | 1                | ...              | ...             |
| R $\frac{6}{36}$ ...  | ...             | 2               | 1                | 1                | ...              | ...              | 1                | ...             |
| R $\frac{6}{40}$ ...  | ...             | ...             | ...              | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{8}$ ..... | 1               | ...             | 1                | 1                | ...              | ...              | ...              | ...             |

## ACUITY OF VISION—Continued.

### BOYS—AGED 8.

|                            | $L \frac{6}{6}$ | $L \frac{6}{9}$ | $L \frac{6}{12}$ | $L \frac{6}{18}$ | $L \frac{6}{24}$ | $L \frac{6}{36}$ | $L \frac{6}{80}$ | $L \frac{6}{0}$ |
|----------------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| $R \frac{6}{8} \dots\dots$ | 256             | ...             | 1                | 4                | ...              | 1                | ...              | 2               |
| $R \frac{6}{9} \dots\dots$ | 1               | 87              | 3                | 1                | 2                | ...              | ...              | ...             |
| $R \frac{6}{12} \dots$     | 2               | 3               | 16               | ...              | ...              | 1                | ..               | ...             |
| $R \frac{6}{18} \dots$     | 1               | 3               | ...              | 16               | 4                | ...              | 1                | 1               |
| $R \frac{6}{24} \dots$     | 1               | 2               | 1                | 2                | 1                | 2                | ...              | ...             |
| $R \frac{6}{36} \dots$     | ...             | ...             | ...              | ...              | 1                | ...              | ...              | ...             |
| $R \frac{6}{80} \dots$     | ...             | ...             | ...              | ...              | ...              | ...              | 2                | ...             |
| $R \frac{6}{0} \dots\dots$ | ...             | 2               | ...              | ...              | ...              | ...              | ...              | 1               |

### GIRLS—AGED 8.

[illegible]

## ACUITY OF VISION—Continued

## "SPECIALS"—BOYS.

|                       | $L \frac{6}{8}$ | $L \frac{6}{9}$ | $L \frac{6}{12}$ | $L \frac{6}{18}$ | $L \frac{6}{24}$ | $L \frac{6}{36}$ | $L \frac{6}{60}$ | $L \frac{6}{0}$ |
|-----------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| R $\frac{6}{8}$ ..... | 3               | ...             | ...              | 1                | ...              | ...              | ...              | ...             |
| R $\frac{6}{9}$ ..... | ...             | 1               | ...              | ...              | ...              | 1                | ...              | ...             |
| R $\frac{6}{12}$ ...  | ...             | 1               | ...              | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{18}$ ...  | ...             | 1               | ...              | 4                | 2                | ...              | ...              | ...             |
| R $\frac{6}{24}$ ...  | ...             | ...             | ...              | ...              | 3                | ...              | ...              | ...             |
| R $\frac{6}{36}$ ...  | ...             | ...             | ...              | ...              | 2                | 3                | ...              | ...             |
| R $\frac{6}{60}$ ...  | ...             | ...             | ...              | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{0}$ ..... | ...             | ...             | ...              | ...              | ...              | ...              | ...              | ...             |

## "SPECIALS"—GIRLS.

|                       | $L \frac{6}{8}$ | $L \frac{6}{9}$ | $L \frac{6}{12}$ | $L \frac{6}{18}$ | $L \frac{6}{24}$ | $L \frac{6}{36}$ | $L \frac{6}{60}$ | $L \frac{6}{0}$ |
|-----------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| R $\frac{6}{8}$ ..... | ...             | ...             | ...              | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{9}$ ..... | ...             | ...             | ...              | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{12}$ ...  | ...             | ..              | ...              | ...              | ...              | ..               | ...              | ...             |
| R $\frac{6}{18}$ ...  | ...             | ...             | ...              | 1                | ...              | ...              | ...              | ...             |
| R $\frac{6}{24}$ ...  | 1               | ...             | ...              | ...              | 4                | ...              | ...              | ...             |
| R $\frac{6}{36}$ ...  | ...             | ...             | ...              | ...              | ...              | ...              | ...              | ...             |
| R $\frac{6}{60}$ ...  | ...             | ...             | ...              | ...              | 2                | ...              | 1                | ...             |
| R $\frac{6}{0}$ ..... | ...             | ...             | ...              | 1                | ...              | ...              | ...              | ...             |

**SUMMARY of the Work of the SCHOOL NURSE  
during the year 1915.**

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434 visits have been paid to the various school departments.  
This number is made up as follows :—

137 visits with the Medical Officer to assist at the routine inspection.

297 visits for other purposes—examination of children for cleanliness, &c.

1,387 visits and re-visits have been made to the homes of dirty children and children found on Medical Inspection to be suffering from some disease or defect.

Visits were paid to all the schools for the purpose of giving instructions to the children, especially the girls, in personal cleanliness, the care of the hair, &c., and 6,228 children were inspected for cleanliness.

29 visits have been made to the Ophthalmic Surgeon's rooms to assist in the examination of children with defective vision, and in the case of the children examined by him (174) atropine has been introduced into the children's eyes by the nurse on the day previous to examination.