

**[Report 1946] / Medical Officer of Health and School Medical Officer of Health, Swindon Borough.**

**Contributors**

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Borough



Swindon.

OF

# ANNUAL REPORT

OF THE

## Medical Officer of Health

FOR THE YEAR 1946

AND THE

## Isolation Hospital Annual Report

From the 1st April, 1946, to the 31st March, 1947

By THOMAS ROSS, M.B., Ch.B., D.P.H.

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**Report of the  
Chief Sanitary Inspector  
FOR THE YEAR 1946.**

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**Annual Report  
of the School Medical Officer  
FOR THE YEAR 1946.**



## BOROUGH OF SWINDON

## COMPOSITION OF COMMITTEES AND STAFF

## HEALTH AND WELFARE COMMITTEE

HIS WORSHIP THE MAYOR (Alderman G. H. SELMAN, J.P.)

|            |                    |            |                                   |
|------------|--------------------|------------|-----------------------------------|
| Alderman   | C. S. MACPHERSON   | Councillor | Miss E. C. MILLIN                 |
| "          | W. J. DAVIS        | "          | L. J. NEWMAN                      |
| "          | J. BOND            | "          | H. W. PINNEGAR                    |
| Councillor | F. E. AKERS        | "          | W. R. ROBINS                      |
| "          | R. G. CRIPPS       | "          | Mrs. J. ROBINSON                  |
| "          | J. S. T. FEWINGS   | "          | Mrs. F. THOMAS                    |
| "          | Mrs. L. A. GRIFFIN | "          | H. THORPE                         |
| "          | P. KING            | "          | C. E. TOMES, <i>Vice-Chairman</i> |
| "          | A. LEONARD         | "          | N. V. TOZE, <i>Chairman</i>       |
| "          | Mrs. L. R. LOCK    | "          | M. WEBB                           |

## MATERNITY AND CHILD WELFARE SUB-COMMITTEE

(Consisting of all the members of the Health and Welfare Committee, and the following co-opted members) :

Mrs. W. DRAPER

Mrs. F. MORRIS

Mrs. H. A. SCHMITZ

Mrs. A. TONGE (Wilts C.C.)

Mr. A. W. LEIGHFIELD (G.W.R. Medical Fund Society)

## TOWN CLERK

D. MURRAY JOHN, Esq., O.B.E., B.A.

## PUBLIC HEALTH STAFF

(31st December, 1946)

| <i>Position :</i>                            | <i>Name :</i>                                                                                 |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|
| Medical Officer of Health .....              | THOMAS ROSS, M.B., Ch.B., D.P.H.                                                              |
| Deputy Medical Officer of Health             | J. P. KELLY, M.B., Ch.B., D.P.H., B.A.O.                                                      |
| Assist. Med. Officer of Health .....         | H. D. B. NORTH, M.B., Ch. B., D.P.H.,<br>L.R.C.P. and S., M.Sc., B.Sc.,<br>A.R.C.S., A.R.I.C. |
| Consulting Obstetrician and<br>Gynaecologist | C. G. ROWORTH, M.D., M.R.C.O.G.,<br>M.R.C.S., L.R.C.P., M.B., B.S.                            |
| Resident Obstetrician .....                  | A. G. GROSSETT, M.B., Ch.B.                                                                   |
| Consulting Ophthalmic Surgeon                | O. B. PRATT, M.A., M.B., B.Ch., D.O.<br>M.R.C.S., L.R.C.P.                                    |
| Consulting Orthopaedic Surgeon               | Miss M. F. FORRESTER-BROWN, M.D.,<br>M.S.                                                     |
| Consulting Paediatrician .....               | Miss BERYL CORNER, M.D., M.R.C.P.,<br>M.R.C.S., L.R.C.P., M.B., B.S.                          |
| Consulting Ear, Nose and Throat<br>Surgeon   | A. LEIGH, F.R.C.S.                                                                            |
| Consulting Speech Therapist .....            | Miss G. A. JANSSON, Associate of the<br>British Society of Speech Therapists                  |
| <hr/>                                        |                                                                                               |
| Senior Sanitary Inspector .....              | H. A. BANWELL                                                                                 |
| Senior Addit. Sanitary Inspector             | R. A. LAW                                                                                     |
| Additional Sanitary Inspectors .....         | F. R. G. SELWOOD<br>E. H. HOLROYD<br>A. E. WARMINGER (Temporary)                              |
| <hr/>                                        |                                                                                               |
| Senior Dental Surgeon .....                  | W. KENYON BERRIE, L.D.S., R.F.P.S.G.                                                          |
| Assistant Dental Surgeons .....              | KENNETH W. MASSEY, L.D.S.<br>G. BUIST WESTWATER, L.D.S., R.C.S.                               |

Senior Health Visitor & School Nurse Mrs. W. M. LUMLEY

|                                 |                         |
|---------------------------------|-------------------------|
| Health Visitors & School Nurses | Miss I. D. SAMPSON      |
|                                 | Miss A. HAWKINS         |
|                                 | Miss W. PARKINS         |
|                                 | Miss J. D. WRIGHT       |
|                                 | Miss E. JONES           |
|                                 | Miss R. I. M. SCHOLLYCK |
|                                 | Mrs. L. DAY (Temporary) |

Social Welfare Worker ..... Miss A. J. ORR

Matron, Swindon Municipal Maternity Home and Training Centre

Domiciliary Midwives, Resident Miss D. M. FOOKS  
Miss N. NEAL

|                                    |                      |
|------------------------------------|----------------------|
| Domiciliary Midwives, Non-Resident | Miss W. I. SHEPPARD  |
|                                    | Mrs. H. M. MORTIMORE |
|                                    | Miss E. E. WATSON    |
|                                    | Mrs. V. K. D. ARNOLD |

Matron, Swindon Isolation Hospital Miss F. A. SMITH

Matron, Broad Street Nursery .... Mrs. S. BARNES

Matron, Pinehurst Nursery .... Mrs. A. DAVIES, S.R.N.

### CLERICAL STAFF

Head Clerk . . . . . S. MANSFIELD DEE

Senior Clerk ..... J. W. DAY

|                  |      |      |      |                     |
|------------------|------|------|------|---------------------|
| Assistant Clerks | .... | .... | .... | W. H. PAUL          |
|                  |      |      |      | A. M. R. JONES*     |
|                  |      |      |      | D. A. OWEN *        |
|                  |      |      |      | G. BOWMAN           |
|                  |      |      |      | Miss L. M. RAWLINGS |
|                  |      |      |      | Miss B. M. DAY      |
|                  |      |      |      | Miss P. J. RUSSELL  |

CLERICAL STAFF—*cont.*

|                                |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| Assistant Clerks— <i>cont.</i> | Miss K. L. DREW<br>Mrs. F. C. FORD (Temporary)<br>Mrs. M. E. SHARPE (Temporary)   |
| School Health Service Clerks   | Miss G. NORRIS—Senior Clerk.<br>Miss E. BARNES<br>Miss J. DRAPER<br>Miss J. MORSE |
| Dental Attendants              | Mrs. E. FURLEY<br>Miss E. HAYWARD<br>Miss M. MILLS                                |
| Needlework Demonstrator        | Miss M. JOBSON                                                                    |
| Disinfector                    | A. C. MOLE                                                                        |
| Rat Catcher                    | S. F. WAKEFIELD                                                                   |

\*Absent on Sanitary Inspector's Course.

*The following have left the Department during the year :—*

| <i>Position :</i>                                  | <i>Name :</i>                               |
|----------------------------------------------------|---------------------------------------------|
| Medical Officer of Health                          | LLYWELYN ROBERTS, M.D., M.R.C.P.,<br>D.P.H. |
| Deputy Medical Officer of Health<br>(Temporary)    | A. V. CRAWFORD, M.B., D.P.H.                |
| Assistant Medical Officer of Health<br>(Temporary) | B. FINCH<br>K. N. MAXWELL                   |
| Assistant Dental Surgeon (Temp.)                   | B. FERGUSON                                 |
| Senior Sanitary Inspector                          | F. H. BEAVIS                                |
| Health Visitor and School Nurse                    | Miss D. E. WAITE                            |
| Domiciliary Midwife (Resident)                     | Miss F. M. TONGE                            |
| Domiciliary Midwife (Non-Resi-<br>dent)            | Mrs. A. INGRAM                              |
| Senior Clerk                                       | W. M. WATTS                                 |
| Assistant Clerks (Temporary)                       | Mrs. C. M. GAIN<br>Miss E. L. BEAVEN        |
| School Health Service Clerk<br>(Temporary)         | Mrs. E. M. STEPHENS                         |
| Dental Attendant (Temporary)                       | Mrs. H. M. JAMES                            |

## BOROUGH OF SWINDON.

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**ANNUAL REPORT**  
of the  
**MEDICAL OFFICER OF HEALTH**  
For the Year 1946.

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PUBLIC HEALTH DEPARTMENT  
CIVIC OFFICES  
SWINDON.

*To the Mayor, Alderman and Councillors of the  
Borough of Swindon.*

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report for the year 1946 which has been prepared on the lines suggested by the Ministry of Health Circular 13/47.

The Report is again less full than in pre-war days due to staffing difficulties which were worse if anything during the period of preparation of the Report. However, the general health statistics of the town are fully recorded and will be carefully preserved for future reference.

Certain alterations occurred in the Public Health Department during the year. Dr. Llywelyn Roberts resigned in November, 1946, and the Assistant Medical Officer of Health, Dr. Angel Crawford resigned in August, 1946. Dr. J. P. Kelly, Deputy Medical Officer of Health took up his duties in October, 1946, as also did the Assistant Medical Officer of Health, Dr. H. D. B. North.

Mr. K. W. Massey, Dental Surgeon, resigned his appointment in December, 1946, while Mr. G. B. Westwater returned from War Service in April, 1946, where upon Mr. B. Fergusson relinquished his temporary appointment.

**Notes on Vital Statistics.**

While the birth rate and general death rate parallel very closely the National Statistics, Swindon enjoyed a marked decline in the Infant Mortality Rate to 22.03 per thousand live births, compared with 43 for England and Wales. This is by far the lowest Infant Mortality Rate ever recorded in Swindon.

Two maternal deaths occurred due to eclampsia, resulting in a Maternal Mortality Rate of 1.53 per thousand total births, as compared with 1.43 for England and Wales.

The number of still-births continued at about the level of previous years, and produced a rate close to that obtaining nationally.

I am pleased to be able to report that the illegitimate rate shows a definite sign of returning to the pre-war level, being 8.02 per cent. of total births as compared with 12.68 in 1945. 102 illegitimate births occurred in 1946 as against 197 in 1945. The Social Worker continued to do good work in looking after the mother before and after the confinement and assisting in the disposition of the child. It is worthy of note that the illegitimate infant death rate was again below the general infant death rate.

#### **Death Rate.**

The overall death rate shows an improvement over last year, although not quite reaching the low level of 1944. The improvement is again due to a fall in the deaths attributable to cardio-vascular lesions and respiratory diseases.

A slight increase in the number of deaths from cancer must be again recorded.

Nine deaths from road traffic accidents occurred in 1946, compared with three such deaths in 1945.

#### **Infectious Diseases.**

**DIPHTHERIA.**—Fifteen cases of diphtheria were notified during the year, and of these only two were confirmed cases. No death from diphtheria occurred.

There was one case of **TYPHOID** which terminated fatally. This was a case of a woman who nursed a relative suffering from an enteric condition in another area, and appeared to contract the typhoid infection from this previously unsuspected source.

**SCARLET FEVER.**—There was an increased incidence of Scarlet Fever during the year, notifications increasing to 63 in contrast to 43 during 1945. No deaths occurred from this disease.

The number of cases of **PUERPERAL PYREXIA** increased by one to thirty, as compared with 1945, but due consideration should be given to the increase in the number of births in 1946.

The number of notified cases of **DYSENTRY** showed a sharp decline during the year, two cases being notified.

**MEASLES.**—The incidence of measles was halved as compared with 1945 but the incidence of **WHOOPING COUGH** was trebled. No deaths were attributed to either measles or whooping cough.

The incidence of **PNEUMONIA** also showed an increase during the year, the number of notified cases being 110, with 27 deaths, against 81 during 1945 with 31 deaths.

The total number of cases of notified Infectious Diseases is 672 of which 62 were admitted into Hospital. The total number of deaths was 28, due with one exception to pneumonia.

### **Tuberculosis.**

There was a decline in the number of tuberculosis cases notified during this year, accompanied by a fall in the general death rate from all forms of tuberculosis.

There was a slight improvement in the staffing position at Winsley Sanatorium and one of the two Swindon beds was occupied as from March, 1946, the other remaining unoccupied at 31st December, 1946.

### **Water Supply.**

The water supply for the area has been satisfactory in quality and quantity. The great majority of the population is supplied from the public water mains, approximately 100 by means of stand-pipes and the remainder by direct connection to the house.

There are now altogether, 20 wells in the area, and 33 houses are supplied from wells. One well, found to be polluted, was closed. This served a farm house and a cottage, and the town supply was laid on to these premises.

During the year there was no change in the sources of the public supply so that as previously reported the water remained hard and without plumbo solvency.

The trouble previously noted in regard to slight unpalatability due to the iron content persisted. It has not been found necessary to take any action in respect of contamination during the year.

37 examinations of the water supply have been carried out during the year and bacteriological examinations of the water have been satisfactory.

The staffing situation for the year under review showed some sign of improvement, consequent upon the return from war service of several members of the staff. For a brief period towards the end of the year, the medical personnel reached full establishment only to suffer a severe set-back by the departure of Dr. Llywelyn Roberts which took place before his successor could take up office.

While recognising again the willing co-operation of the staff, clerical and technical, in the work of the Department, I should like particularly to take this opportunity of thanking Dr. James P. Kelly, the Deputy Medical Officer of Health, on whose shoulders devolved the greater part of the responsibility for the running of the Department before I took up duty in April, 1947. I am also indebted to Mr. John W. Day for his assistance in compiling this Report, which, of course, relates to the year before I took up office.

I am,

Your obedient Servant,

THOMAS ROSS,

*Medical Officer of Health.*

CIVIC OFFICES,  
SWINDON.

## VITAL STATISTICS

|                                                           |            |
|-----------------------------------------------------------|------------|
| Area of Borough .....                                     | 6062 acres |
| No. of Inhabited Houses .....                             | 19053      |
| Rateable Value .....                                      | £432,535   |
| Sum represented by 1d. Rate .....                         | £1,781     |
| Registrar General's estimate of Population for 1946 ..... | 66,150     |
| Census, 1931 .....                                        | 62,401     |

## BIRTHS AND DEATHS

| Year                                                             | 1939  | 1940   | 1941   | 1942  | 1943  | 1944  | 1945  | 1946  |
|------------------------------------------------------------------|-------|--------|--------|-------|-------|-------|-------|-------|
| Live Births .....                                                | 848   | 958    | 1107   | 1174  | 1187  | 1409  | 1159  | 1271  |
| Rate per 1,000 pop. ....                                         | 14.04 | 14.77  | 15.75  | 17.03 | 17.56 | 21.02 | 17.68 | 19.21 |
| Illegitimate live births .....                                   | 39    | 39     | 62     | 55    | 85    | 106   | 147   | 102   |
| Rate per 1,000 pop. ....                                         | 0.66  | 0.60   | 0.87   | 0.80  | 1.26  | 1.58  | 2.24  | 1.54  |
| Rate per 100 total live births .....                             | 4.59  | 4.07   | 5.6    | 4.68  | 7.16  | 7.52  | 12.68 | 8.02  |
| Births in Maternity Home .....                                   | 581   | 675    | 636    | 563   | 489   | 566   | 488   | 704   |
| Deaths— .....                                                    | 773   | 995    | 803    | 765   | 739   | 729   | 741   | 728   |
| Rate per 1,000 pop. ....                                         | 12.54 | 15.35  | 11.43  | 11.09 | 10.93 | 10.87 | 11.31 | 11.01 |
| Maternal Deaths:                                                 |       |        |        |       |       |       |       |       |
| (1) From puerperal sepsis .....                                  | —     | 3      | —      | —     | 1     | 2     | —     | —     |
| (2) From other puerperal causes .....                            | 1     | 2      | 1      | 3     | 2     | 3     | —     | 2     |
| Death from—                                                      |       |        |        |       |       |       |       |       |
| Cancer .....                                                     | 125   | 116    | 120    | 114   | 110   | 121   | 125   | 128   |
| Measles .....                                                    | —     | —      | —      | —     | —     | —     | —     | —     |
| Whooping Cough .....                                             | —     | 1      | —      | 1     | 1     | 1     | —     | —     |
| Diarrhoea (Children under 2 years) .....                         | 1     | 5      | 4      | 1     | 5     | 3     | —     | 1     |
| Infant Deaths—                                                   |       |        |        |       |       |       |       |       |
| Under 1 year .....                                               | 35    | 61     | 64     | 44    | 60    | 49    | 38    | 28    |
| Withing 10 days of birth .....                                   | 25    | 23     | 26     | 23    | 28    | 26    | 19    | 19    |
| Stillbirths .....                                                | 31    | 43     | 27     | 36    | 23    | 48    | 33    | 36    |
| Infant Mortality rate per 1,000 legitimate live births .....     | 38.42 | 61.43  | 55.75  | 37.48 | 50.55 | 34.78 | 32.79 | 22.03 |
| Illegitimate Death rate per 1,000 illegitimate live births ..... | 25.00 | 102.56 | 112.90 | 90.90 | 94.12 | 75.47 | 27.21 | 19.60 |

# STATISTICAL COMPARISONS for the Year 1946.

|                                                                       | Swindon. | England and<br>Wales | 126<br>County Boroughs<br>and Great Towns<br>including London | 148<br>Smaller Towns<br>(resident pop.<br>25,000-50,000 at<br>1931 Census) | London<br>Administrative<br>County |
|-----------------------------------------------------------------------|----------|----------------------|---------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------|
| Rates per 1,000 Civilian Population                                   |          |                      |                                                               |                                                                            |                                    |
| Births :                                                              |          |                      |                                                               |                                                                            |                                    |
| Live .....                                                            | 19.21    | 19.1*                | 21.0                                                          | 19.8                                                                       | 21.2                               |
| Still .....                                                           | 0.54     | 0.53*                | 0.59                                                          | 0.57                                                                       | 0.51                               |
| Deaths :                                                              |          |                      |                                                               |                                                                            |                                    |
| All causes .....                                                      | 11.01    | 12.0                 | 12.2                                                          | 11.6                                                                       | 12.6                               |
| Whooping Cough .....                                                  | —        | 0.02                 | 0.02                                                          | 0.02                                                                       | 0.02                               |
| Diphtheria .....                                                      | —        | 0.01                 | 0.01                                                          | 0.01                                                                       | 0.01                               |
| Influenza .....                                                       | 0.17     | 0.13                 | 0.12                                                          | 0.12                                                                       | 0.12                               |
| Measles .....                                                         | —        | 0.00                 | 0.01                                                          | 0.00                                                                       | 0.01                               |
| Rates per 1,000 live births                                           |          |                      |                                                               |                                                                            |                                    |
| Deaths under 1 year of age                                            | 22.03    | 43                   | 46                                                            | 41                                                                         | 40                                 |
| Deaths from Diarrhoea<br>and Enteritis, under<br>2 years of age ..... | 0.8      | 4.2                  | 5.4                                                           | 3.2                                                                        | 4.1                                |
| Rates per 1,000 Civilian Population                                   |          |                      |                                                               |                                                                            |                                    |
| Notifications :                                                       |          |                      |                                                               |                                                                            |                                    |
| Typhoid Fever .....                                                   | .015     | .01                  | .01                                                           | .01                                                                        | .01                                |
| Paratyphoid Fever .....                                               | —        | .02                  | .02                                                           | .01                                                                        | .01                                |
| Cerebro Spinal Fever .....                                            | .015     | .05                  | .05                                                           | .04                                                                        | .06                                |
| Scarlet Fever .....                                                   | .952     | 1.38                 | 1.51                                                          | 1.33                                                                       | 1.42                               |
| Whooping Cough .....                                                  | 3.310    | 2.28                 | 2.48                                                          | 2.05                                                                       | 2.22                               |
| Diphtheria .....                                                      | .227     | .28                  | .32                                                           | .31                                                                        | .24                                |
| Erysipelas .....                                                      | .181     | .22                  | .25                                                           | .22                                                                        | .27                                |
| Smallpox .....                                                        | —        | 0.00                 | 0.00                                                          | 0.00                                                                       | 0.00                               |
| Measles .....                                                         | 3.190    | 3.92                 | 4.73                                                          | 3.70                                                                       | 7.35                               |
| Pneumonia .....                                                       | 1.663    | .89                  | 1.02                                                          | 0.74                                                                       | 0.75                               |
| Rates per 1,000 Total Births (Live and Still)                         |          |                      |                                                               |                                                                            |                                    |
| Notifications :                                                       |          |                      |                                                               |                                                                            |                                    |
| Puerperal Fever and<br>Fever .....                                    | 22.95    | 8.50                 | 10.35                                                         | 7.63                                                                       | 9.68                               |
| Maternal Mortality :                                                  |          |                      |                                                               |                                                                            |                                    |
| Puerperal Infection .....                                             | —        | 0.18                 |                                                               |                                                                            |                                    |
| Abortion with Sepsis .....                                            | —        | 0.13                 |                                                               |                                                                            |                                    |
| Abortion without Sepsis .....                                         | —        | 0.06                 |                                                               |                                                                            |                                    |
| Others .....                                                          | 1.53     | 1.06                 |                                                               |                                                                            |                                    |
| Total .....                                                           | 1.53     | 1.43                 |                                                               |                                                                            |                                    |

\* Rate per 1,000 total population

## CAUSES OF DEATH, 1946.

(Registrar-General's Official Returns).

| CAUSES                                                   | Males | Females | Total |
|----------------------------------------------------------|-------|---------|-------|
| Typhoid and Paratyphoid fever                            | —     | 1       | 1     |
| Cerebro-spinal fever                                     | —     | —       | —     |
| Scarlet Fever                                            | —     | —       | —     |
| Whooping Cough                                           | —     | —       | —     |
| Diphtheria                                               | —     | —       | —     |
| Tuberculosis of Respiratory system                       | 16    | 8       | 24    |
| Other forms of tuberculosis                              | 1     | 1       | 2     |
| Syphilitic diseases                                      | 1     | 1       | 2     |
| Influenza                                                | 5     | 6       | 11    |
| Measles                                                  | —     | —       | —     |
| Acute polio-myelitis and polioencephalitis               | —     | —       | —     |
| Acute infantile encephalitis                             | —     | —       | —     |
| Cancer of Buccal cavity, Oesophagus and Uterus           | 4     | 9       | 13    |
| „ of stomach and duodenum                                | 15    | 5       | 20    |
| „ of breast                                              | —     | 13      | 13    |
| „ of all other sites                                     | 45    | 37      | 82    |
| Diabetes                                                 | —     | 4       | 4     |
| Intracranial vascular lesions                            | 32    | 36      | 68    |
| Heart disease                                            | 114   | 105     | 219   |
| Other diseases of circulatory system                     | 16    | 8       | 24    |
| Bronchitis                                               | 13    | 10      | 23    |
| Pneumonia                                                | 16    | 11      | 27    |
| Other respiratory diseases                               | 6     | 3       | 9     |
| Ulcer of stomach or duodenum                             | 7     | —       | 7     |
| Diarrhoea under two years                                | —     | 1       | 1     |
| Appendicitis                                             | 1     | 3       | 4     |
| Other digestive diseases                                 | 6     | 8       | 14    |
| Nephritis                                                | 16    | 9       | 25    |
| Puerperal and post-abortion sepsis                       | —     | —       | —     |
| Other maternal causes                                    | —     | 2       | 2     |
| Premature birth                                          | 5     | —       | 5     |
| Congenital malformation, birth injury, infantile disease | 14    | 5       | 19    |
| Suicide                                                  | 6     | 3       | 9     |
| Road traffic accidents                                   | 6     | 3       | 9     |
| Other violent causes                                     | 3     | 4       | 7     |
| All other causes                                         | 51    | 33      | 84    |
| TOTALS                                                   | 399   | 329     | 728   |

Table showing the number of cases notified in the Borough during the year 1946.

11

TABLE SHOWING MONTHLY INCIDENCE OF INFECTIOUS DISEASES AND THE NUMBER OF DEATHS  
DURING 1946.

| DISEASE.                    | NUMBER OF CASES. |      |      |       |     |      |      |      |       |      |      |      | Total | No. of Deaths. |
|-----------------------------|------------------|------|------|-------|-----|------|------|------|-------|------|------|------|-------|----------------|
|                             | Jan.             | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |       |                |
| Scarlet Fever .....         | 4                | 4    | 5    | 4     | 4   | 10   | 11   | 5    | 1     | 3    | 3    | 9    | 63    | ...            |
| Diphtheria .....            | ...              | 4    | 2    | 1     | ... | 3    | 2    | ...  | ...   | 2    | ...  | 1    | 15    | ...            |
| Typhoid Fever .....         | ...              | ...  | ...  | ...   | ... | ...  | ...  | ...  | 1     | ...  | ...  | ...  | 1     | 1              |
| Puerperal Pyrexia .....     | 2                | 2    | 2    | 1     | 1   | 2    | 2    | 2    | 4     | 4    | 2    | 6    | 30    | ...            |
| Pneumonia .....             | 26               | 12   | 32   | 10    | 8   | 3    | 2    | 5    | 3     | 2    | 6    | 1    | 110   | 27             |
| Erysipelas .....            | ...              | 2    | ...  | 3     | ... | 1    | 3    | 1    | ...   | ...  | ...  | 2    | 12    | ...            |
| Cerebro-spinal Fever .....  | ...              | ...  | ...  | 1     | ... | ...  | ...  | ...  | ...   | ...  | ...  | ...  | 1     | ...            |
| Polio-myelitis .....        | ...              | ...  | ...  | ...   | ... | 1    | ...  | ...  | ...   | ...  | ...  | ...  | 1     | ...            |
| Dysentery .....             | 1                | ...  | ...  | ...   | ... | 1    | ...  | ...  | ...   | ...  | ...  | ...  | 2     | ...            |
| Ophthalmia Neonatorum ..... | 1                | ...  | ...  | ...   | ... | ...  | ...  | 2    | 1     | ...  | ...  | ...  | 5     | ...            |
| Malaria .....               | 1                | ...  | ...  | 1     | ... | ...  | ...  | ...  | ...   | ...  | ...  | ...  | 2     | ...            |
| Measles .....               | 3                | 2    | 2    | 1     | 1   | 1    | 3    | 18   | 65    | 42   | 35   | 38   | 211   | ...            |
| Whooping Cough .....        | 6                | 10   | 7    | 8     | 17  | 16   | 25   | 32   | 19    | 19   | 19   | 41   | 219   | ...            |
| TOTALS                      | 44               | 36   | 50   | 31    | 31  | 38   | 48   | 65   | 94    | 72   | 65   | 98   | 672   | 28             |

## TUBERCULOSIS.

|                                                   | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 |
|---------------------------------------------------|------|------|------|------|------|------|
| Number of cases notified                          |      |      |      |      |      |      |
| Respiratory Tuberculosis                          | 96   | 84   | 94   | 84   | 100  | 97   |
| Deaths from Respiratory Tuberculosis              | 71   | 62   | 75   | 72   | 80   | 77   |
| Deaths from Tuberculous Meningitis                | 27   | 29   | 23   | 24   | 22   | 20   |
| Total Deaths                                      | 9    | 4    | 2    | 1    | 3    | 1    |
| General death rate from all forms of Tuberculosis | 40   | 34   | 26   | 32   | 30   | 25   |
| Death rate for Respiratory Tuberculosis           | 0.57 | 0.49 | 0.38 | 0.48 | 0.46 | 0.38 |
|                                                   | 0.38 | 0.42 | 0.34 | 0.34 | 0.34 | 0.30 |

## ANALYSIS OF DIPHTHERIA—CONFIRMED CASES, 1946.

|                         | Under 1 yr. | 1-3   | 3-5   | 5-10  | 10-15 | 15-25 | 25 and over | Total |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------------|-------|
|                         | M. F.       | M. F. | M. F. | M. F. | M. F. | M. F. | M. F.       | M. F. |
| Quarter ending 31/3/46  | —           | —     | —     | 1     | —     | —     | —           | 1     |
| Quarter ending 30/6/46  | —           | —     | —     | —     | —     | —     | —           | —     |
| Quarter ending 30/9/46  | —           | —     | —     | —     | —     | —     | —           | —     |
| Quarter ending 31/12/46 | —           | —     | —     | —     | —     | 1     | —           | 1     |
|                         | —           | —     | —     | 1     | —     | —     | —           | 1     |

### Diphtheria Immunisation.

The fall in the number of children over 5 years of age who were immunised during the year, is to be expected. Immunisation of children under 5 years of age will tend always to a diminution of those over 5 years of age requiring immunisation.

The diagram used for the first time in 1944 to show the state of immunisation in the town has been set out to show the number of immunisations carried out in 1946 and the state of immunity among the children.

The attendances at the immunisation clinic for the year were as follows :—

|                                               |      |      |      |      |
|-----------------------------------------------|------|------|------|------|
| Total number of attendances                   | .... | .... | .... | 2426 |
| Total number of children completely immunised |      |      |      | 621  |
| (a) Under 5 years of age                      | .... | .... | .... | 561  |
| (b) Over 5 years                              | .... | .... | .... | 60   |
| Total number of Schick tests performed        |      |      |      | 569  |
| Negative                                      | .... | .... | .... | 421  |
| Positive                                      | .... | .... | .... | 5    |
| Results not known                             | .... | .... | .... | 143  |

### Treatment of Scabies.

Although the figures are not as high as last year's, there is still a demand for the treatment of skin conditions.

|                      | No. of cases. | No. of attendances |
|----------------------|---------------|--------------------|
| Men                  | 184           | 218                |
| Women                | 286           | 382                |
| Children :—          |               |                    |
| School children      | 214           | 290                |
| Infant Welfare cases | 101           | 109                |
|                      | <hr/> 785     | <hr/> 999          |

### Ambulance and Transport Service.

The transport work carried on by or in conjunction with the Health Service is as follows :—

### Borough Ambulance Service.

Four ambulances—Talbot 1933, Wolsley (converted private car) 1941, Sunbeam (1931 private car converted in 1943 into a temporary ambulance), Austin 1943 utility type—are stationed at the Isolation Hospital. As in previous years a twenty-four hour service was continued.

**BOROUGH OF SWINDON.**  
**DIPHTHERIA IMMUNISATION.**

NUMBER OF CHILDREN IMMUNISED EACH YEAR, COMMENCING 1932.

| Age at Date of Immunisation | 1932 |   | 1933 |    | 1934 |   | 1935 |     | 1936 |     | 1937 |    | 1938 |     | 1939 |    | 1940 |     | 1941 |     | 1942 |     | 1943 |     | 1944 |     | 1945 |     | 1946 |                                                                                    |     |
|-----------------------------|------|---|------|----|------|---|------|-----|------|-----|------|----|------|-----|------|----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------------------------------------------------------------------------------------|-----|
|                             | A    | B | A    | B  | A    | B | A    | B   | A    | B   | A    | B  | A    | B   | A    | B  | A    | B   | A    | B   | A    | B   | A    | B   | A    | B   | A    | B   | A    | B                                                                                  |     |
| 0—1                         |      |   |      |    |      |   | 1    | 2   |      |     |      |    |      |     |      |    | 1    | 3   | 1    | 1   | 3    | 4   | 1    | 6   |      |     |      |     | 1    | Total children under 5 years of age at end of 1946 who have been immunised<br>2523 |     |
| 1—2                         | 1    |   | 1    | 1  |      |   | 8    | 12  | 38   | 31  | 6    | 4  | 9    | 9   | 6    | 1  | 7    | 9   | 158  | 53  | 100  | 183 | 138  | 224 | 163  | 257 | 239  | 239 | 180  |                                                                                    | 209 |
| 2—3                         | 2    |   | 1    | 1  |      |   | 12   | 11  | 58   | 30  | 17   | 6  | 15   | 12  | 13   | 13 | 11   | 32  | 175  | 55  | 57   | 86  | 52   | 59  | 26   | 34  | 33   | 34  | 26   |                                                                                    | 65  |
| 3—4                         | 1    | 1 | 2    | 1  | 1    |   | 10   | 26  | 109  | 69  | 32   | 16 | 20   | 30  | 15   | 7  | 10   | 17  | 229  | 53  | 34   | 75  | 41   | 45  | 24   | 20  | 38   | 14  | 14   |                                                                                    | 25  |
| 4—5                         |      |   | 2    | 4  | 2    | 2 | 16   | 38  | 138  | 129 | 41   | 12 | 17   | 26  | 11   | 11 | 7    | 19  | 253  | 70  | 44   | 49  | 29   | 43  | 30   | 23  | 44   | 20  | 9    |                                                                                    | 33  |
| 5—6                         | 3    |   | 4    | 6  | 1    | 1 | 27   | 37  | 187  | 117 | 35   | 5  | 11   | 30  | 6    | 6  | 13   | 12  | 282  | 86  | 32   | 41  | 18   | 22  | 28   | 13  | 29   | 13  | 9    |                                                                                    | 17  |
| 6—7                         | 2    |   | 2    |    | 3    |   | 33   | 14  | 177  | 102 | 14   | 3  | 6    | 21  | 3    |    | 7    | 5   | 303  | 78  | 13   | 15  | 15   | 23  | 23   | 8   | 29   | 12  | 3    |                                                                                    | 9   |
| 7—8                         | 1    |   | 1    | 3  |      |   | 10   | 9   | 91   | 35  | 5    | 1  | 4    | 6   | 3    |    | 4    | 2   | 251  | 54  | 4    | 10  | 10   | 4   | 10   | 2   | 39   | 9   | 4    |                                                                                    | 5   |
| 8—9                         |      |   | 1    | 3  | 1    |   | 1    | 2   | 34   | 20  | 5    | 2  | 4    | 3   |      |    | 5    | 4   | 240  | 53  | 6    | 5   | 3    | 7   | 2    | 2   | 44   | 7   | 1    |                                                                                    | 5   |
| 9—10                        |      |   |      |    |      |   | 1    | 3   | 23   | 6   | 4    |    | 1    | 5   | 1    |    | 1    | 2   | 257  | 60  | 5    | 3   | 1    | 3   | 5    | 1   | 43   | 7   | 1    |                                                                                    | 1   |
| 10—11                       |      |   |      |    |      |   | 3    |     | 14   | 10  | 1    |    |      | 3   |      | 2  | 2    |     | 265  | 47  | 3    |     | 1    | 3   | 8    | 1   | 26   | 1   |      | Total children under 15 (5-15) at end of 1946 who have been immunised<br>6097      |     |
| 11—12                       |      |   |      |    |      |   | 1    | 3   | 2    | 2   |      | 3  |      | 1   |      | 3  |      |     | 284  | 50  | 4    | 1   | 1    | 1   | 13   |     | 40   | 6   |      |                                                                                    | 2   |
| 12—13                       |      |   |      |    |      |   |      |     |      |     |      |    |      |     |      |    |      |     | 378  | 53  | 6    | 2   | 3    | 3   | 9    |     | 23   | 2   |      |                                                                                    | 2   |
| 13—14                       |      |   |      |    |      |   |      |     | 1    |     |      |    |      |     |      |    |      |     | 371  | 64  | 4    | 1   |      |     | 3    |     | 15   | 1   | 2    |                                                                                    | 1   |
| 14—15                       |      |   |      |    |      |   | 1    |     |      |     |      |    |      |     |      | 1  |      |     | 129  | 15  |      |     |      |     |      | 7   |      |     |      |                                                                                    |     |
| 15—16                       |      |   |      |    |      |   |      |     |      |     | 1    | 1  |      |     |      |    |      |     | 49   |     | 1    |     |      |     | 1    |     | 1    |     |      |                                                                                    |     |
| 16—17                       |      |   |      |    |      |   |      |     |      |     |      |    | 1    |     |      |    |      |     | 19   | 2   |      |     | 1    |     |      |     | 1    |     |      |                                                                                    |     |
| 17—18                       |      |   |      |    |      |   |      |     |      |     |      |    | 1    |     |      |    |      |     | 2    |     |      |     |      |     |      |     |      |     |      |                                                                                    |     |
| Sub Totals                  | 10   | 1 | 13   | 19 | 8    | 4 | 121  | 154 | 873  | 554 | 162  | 49 | 91   | 148 | 59   | 39 | 71   | 102 | 3646 | 796 | 314  | 472 | 316  | 441 | 346  | 367 | 651  | 365 | 249  | 375                                                                                |     |
| Totals                      | 11   |   | 32   |    | 12   |   | 275  |     | 1427 |     | 211  |    | 239  |     | 98   |    | 173  |     | 4442 |     | 786  |     | 757  |     | 713  |     | 1016 |     | 624  |                                                                                    |     |
|                             | 1932 |   | 1933 |    | 1934 |   | 1935 |     | 1936 |     | 1937 |    | 1938 |     | 1939 |    | 1940 |     | 1941 |     | 1942 |     | 1943 |     | 1944 |     | 1945 |     | 1946 |                                                                                    |     |

NOTE:—A—January to June; B—July to December.

| Age at<br>Date of<br>Immigration | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2433 | 2434 | 2435 | 2436 | 2437 | 2438 | 2439 | 2440 | 2441 | 2442 | 2443 | 2444 | 2445 | 2446 | 2447 | 2448 | 2449 | 2450 | 2451 | 2452 | 2453 | 2454 | 2455 | 2456 | 2457 | 2458 | 2459 | 2460 | 2461 | 2462 | 2463 | 2464 | 2465 | 2466 | 2467 | 2468 | 2469 | 2470 | 2471 | 2472 | 2473 | 2474 | 2475 | 2476 | 2477 | 2478 | 2479 | 2480 | 2481 | 2482 | 2483 | 2484 | 2485 | 2486 | 2487 | 2488 | 2489 | 2490 | 2491 | 2492 | 2493 | 2494 | 2495 | 2496 | 2497 | 2498 | 2499 | 2500 | 2501 | 2502 | 2503 | 2504 | 2505 | 2506 | 2507 | 2508 | 2509 | 2510 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2517 | 2518 | 2519 | 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | 2529 | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | 2538 | 2539 | 2540 | 2541 | 2542 | 2543 | 2544 | 2545 | 2546 | 2547 | 2548 | 2549 | 2550 | 2551 | 2552 | 2553 | 2554 | 2555 | 2556 | 2557 | 2558 | 2559 | 2560 | 2561 | 2562 | 2563 |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

**Work carried out by the Borough Ambulances—**

- (i) transport of infectious disease cases ;
- (ii) transport of accident cases ;
- (iii) transport of persons to and from hospitals and Maternity Home ;
- (iv) transport of bedding and clothing for fumugation.

**Work carried out by the M.O.H.'s Transport—**

- (i) transport of food to, and children to and from Day Nurseries ;
- (ii) transport of vitamins to the selling depots in the Borough and the surrounding districts ;
- (iii) transport of personnel to and from cooking depot ;
- (iv) transport of mothers to Bradford-on-Avon and to the Swindon Maternity Home ;
- (v) transport of patients to and from hospitals and out-patient departments ;
- (vi) transport of midwives ;
- (vii) transport of patients to and from Chelworth House.

The following table gives comparative figures of journeys made by the Borough ambulances :—

|                                                         | 1942 | 1943 | 1944 | 1945 | 1946 |
|---------------------------------------------------------|------|------|------|------|------|
| Transport of Infectious cases .....                     | 195  | 254  | 229  | 148  | 127  |
| Transport of Non-Infectious cases .....                 | 1097 | 1202 | 701  | 1270 | 1288 |
| Transport of bedding for disinfection and laundry ..... | 1380 | 1127 | 748  | 1788 | 1814 |

The following is a record of the mileage undertaken by the subsidiary vehicles now included in the Medical Officer of Health's transport service :—

|                                                  |      |
|--------------------------------------------------|------|
| British Restaurants .....                        | 1842 |
| Day Nurseries .....                              | 6144 |
| Food Office .....                                | 2665 |
| Removal of Patients to hospitals .....           | 588  |
| Conveyance of Midwives .....                     | 9902 |
| Convalescent Home .....                          | 3583 |
| Conveyance of Doctors .....                      | 17   |
| Conveyance of Patients to Bradford-on-Avon ..... | 2506 |
| Special journeys for other Departments .....     | 5    |
| Service maintenance .....                        | 301  |
| Other journeys .....                             | 252  |

**Bacteriological Examination.**

Number of specimens examined during the year, 1946 :—

|                                           |                  |
|-------------------------------------------|------------------|
| Swindon and North Wilts Victoria Hospital | 2194             |
| St. Margaret's Hospital, Stratton         | 148              |
| G.W.R. Medical Fund Society               | 631              |
| Isolation Hospital                        | 315              |
| Swindon Maternity Home                    | 156              |
| Public Health Department                  | 572              |
| Military Units                            | 397              |
| Private Practitioners                     | 86               |
| Eastcott Hill Clinic                      | 297              |
|                                           | <hr/> 4796 <hr/> |

**Analysis of Water and Sewage Effluent.**

- (a) Bacteriological analysis has been carried out at the Pathological Laboratory.
- (b) Chemical analysis has been performed by the Public Analyst for the Borough.

**Insulin.**

The facilities for providing insulin free or at a reduced rate continued during 1946 and four cases were assisted under the scheme.

**Examination of Staff.**

The following medical examinations were undertaken by the medical officers during 1946 :—

|                                            |     |
|--------------------------------------------|-----|
| Appointees to Staffs                       | 28  |
| Sundry Teachers                            | 93  |
| Sundry persons for Superannuation purposes | 205 |

**Chelworth House Convalescent Home.**

The first patient went to Chelworth House in March, 1946, and since then there has been a steady flow of people of all ages taking advantage of the accommodation provided at the Home. The following table gives the statistics relating to the period 1st April, 1946, to 31st March, 1947.

**Review of Cases admitted to Chelworth House during period 1-4-46 to 31-3-47.**

|                                 | Adults |     | Schoolchild'n |     | Unaccompanied children under 5 yrs. of age | Mothers with infants | Totals |
|---------------------------------|--------|-----|---------------|-----|--------------------------------------------|----------------------|--------|
|                                 | M.     | F.  | M.            | F.  |                                            |                      |        |
| Swindon cases                   | 4      | 24  | 35            | 9   | 20                                         | 15                   | 107    |
| Other Authorities' cases        | 1      | 1   | 5             | 1   | 2                                          | 4                    | 14     |
| Patient-days, Swindon           | 94     | 563 | 747           | 137 | 623                                        | 321                  | 2485   |
| Patient-days, other Authorities | 43     | 14  | 134           | 28  | 40                                         | 88                   | 347    |

# MATERNITY AND CHILD WELFARE.

I would again like to mention my thanks to the North Wilts District Nursing Association who have given us assistance over occasional maternity cases which had to be treated at home and where it was not desirable for a midwife to attend because of the danger of infection.

## Swindon Municipal Maternity Home.

| No. of cases in the Home on 1st January, 1946                                                                  | Borough | County | Totals                   |
|----------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| ....                                                                                                           | 21      | 4      | 25 patients<br>23 babies |
| No. of Maternity cases admitted during the year                                                                | 596     | 180    | 776                      |
| No. of expectant mothers admitted for hospital treatment during the year (included above)                      | 47      | 14     | 61                       |
| No. of cases remaining in the Home on 31st December, 1946                                                      | 17      | 6      | 23 patients<br>22 babies |
| No. of cases delivered by :—                                                                                   |         |        |                          |
| (a) Midwives                                                                                                   | ....    | ....   | 390                      |
| (b) Doctors                                                                                                    | ....    | ....   | 314                      |
| No. of cases admitted after delivery                                                                           | ....    | ....   | 11                       |
| No. of cases in which medical assistance was sought by midwives                                                | ....    | ....   | 362                      |
| No. of cases notified as Puerperal Pyrexia                                                                     | ....    | ....   | 20                       |
| No. of infants who have at any time received a supplementary or complementary feed while in the Maternity Home | ....    | ....   | 85                       |
| No. of infants wholly breast-fed on leaving the Home                                                           | ....    | ....   | 531                      |
| No. of infants wholly artificial fed                                                                           | ....    | ....   | 67                       |
| There were two maternal deaths from Eclampsia.                                                                 |         |        |                          |
| There were 21 stillbirths and 11 infant deaths.                                                                |         |        |                          |
| Causes of death :—                                                                                             |         |        |                          |
| Stillbirths—Prematurity                                                                                        | ....    | ....   | 4                        |
| Accidental Haemorrhage                                                                                         | ....    | ....   | 3                        |
| Congenital Malformation                                                                                        | ....    | ....   | 3                        |
| Macerated foetus                                                                                               | ....    | ....   | 6                        |
| Maternal eclampsia                                                                                             | ....    | ....   | 1                        |
| Post maturity                                                                                                  | ....    | ....   | 1                        |
| Other Causes                                                                                                   | ....    | ....   | 3                        |
| Infants death—Prematurity                                                                                      | ....    | ....   | 5                        |
| Congenital Malformation                                                                                        | ....    | ....   | 2                        |
| Injury at birth                                                                                                | ....    | ....   | 2                        |
| Asphyxia                                                                                                       | ....    | ....   | 2                        |

**STATISTICS RELATING TO THE BOROUGH OF SWINDON  
MATERNITY HOME FOR THE YEAR, 1946.**

1. **Number of Married and Single Women admitted during the year.**  
Married—752.      Single—24.      Total—766.
2. **Number of Booked and Emergency cases admitted during the year.**  
Booked—619.      Emergency—157.      Total—776.
3. **Number of Borough and County cases, etc., admitted during the year.**  
Borough—596.      County—180.      Total—776.
4. **Sets of twins born during the year.**  
(a) Male—4.    (b) Female—5.    (c) Male and Female—9.  
Total—18.  
1 twin of a female set was stillborn.  
In 1 case of a male and female set, the female was stillborn and the male lived only 15 minutes.  
1 set of male and female twins was stillborn.  
In 1 set of male twins the first twin was stillborn.
5. **Number of infants wholly breast-fed on leaving Institution.**  
Total—531.
6. **Number of infants wholly artificially fed on leaving Institution.**  
Total—67.
7. **Number of infants who at any time received supplementary or complementary feeds while in Institution.**  
Total—85.
8. **Causes of Infant deaths which occurred in the Maternity Home during the year.**
  - 1 Broncho-pneumonia
  - 2 Premature
  - 3 Intra-cranial injury
  - 4 Dystocia
  - 5 Hydrocephalus
  - 6 Twin pregnancy—prematurity
  - 7 Atelectasis
  - 8 Dystocia
  - 9 Twin pregnancy—prematurity
  - 10 Therapeutic abortion
  - 11 Asphyxia pallida—dystocia

**Summary**

|                         |      |      |      |   |
|-------------------------|------|------|------|---|
| Prematurity             | .... | .... | .... | 3 |
| Congenital malformation | .... | .... | .... | 2 |
| Injury at birth         | .... | .... | .... | 3 |
| Broncho-pneumonia       | .... | .... | .... | 1 |
| Asphyxia                | .... | .... | .... | 1 |
| Therapeutic abortion    | .... | .... | .... | 1 |

—  
11  
—

9. TABLE SHOWING AGE AND PARITY OF MOTHERS WHO WERE DELIVERED AT THE MATERNITY HOME.

| Years  | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | Totals |     |
|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|-----|
| Par.1  | —  | 3  | —  | 11 | 10 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45     | 359 |
| 2      | —  | —  | —  | —  | 2  | 5  | 6  | 7  | 14 | 15 | 17 | 16 | 16 | 10 | 14 | 22 | 8  | 12 | 15 | 7  | 8  | 5  | 6  | 3  | 4  | 4  | 3  | 1  | 1  | —  | —  | —      | 205 |
| 3      | —  | —  | —  | —  | —  | 1  | —  | —  | 6  | 3  | 5  | 7  | 7  | 7  | 6  | 4  | 7  | 6  | 6  | 6  | 3  | 1  | 5  | 4  | —  | 2  | 1  | —  | —  | —  | —  | —      | 86  |
| 4      | —  | —  | —  | —  | —  | —  | —  | —  | 1  | 2  | —  | —  | —  | —  | 1  | 1  | —  | 4  | 3  | 2  | 2  | 3  | 5  | —  | 3  | 1  | —  | 2  | 1  | 1  | —  | —      | 32  |
| 5      | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 1  | —  | —  | —  | —  | 1  | 1  | 2  | —  | 3  | 1  | —  | 2  | —  | 1  | —  | 1  | —  | —  | —  | —      | 13  |
| 6      | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 1  | —  | —  | —  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | —  | —  | —  | —      | 8   |
| 7      | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 1  | —  | —  | 1  | —  | —  | —  | —  | —  | —  | —  | —      | 2   |
| 8      | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 1  | —  | —  | —  | 1  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —      | 2   |
| 9      | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 2  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 1  | —      | 3   |
| 10     | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —      | —   |
| 11     | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 1  | —  | —  | —  | —      | 1   |
| 12     | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —      | —   |
| 13     | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | 1  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —      | 1   |
| 14     | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —      | —   |
| 15     | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —      | 1   |
| Totals | —  | 3  | —  | 11 | 12 | 25 | 26 | 28 | 68 | 58 | 63 | 53 | 28 | 37 | 38 | 33 | 41 | 40 | 21 | 31 | 26 | 15 | 14 | 14 | 10 | 6  | 8  | 2  | 1  | —  | 1  | —      | 713 |

One mother, in addition to those shown in the table, was delivered of her 6th child at the age of 49 years.

TABLE SHOWING RANGES OF WEIGHTS OF PREMATURES.

| Age of mother | B<br>C | Para. | Weight<br>lbs. ozs. | Age of mother | B<br>C | Para. | Weight<br>lbs. ozs. | Age of mother | B<br>C | Para. | Weight<br>lbs. ozs. |
|---------------|--------|-------|---------------------|---------------|--------|-------|---------------------|---------------|--------|-------|---------------------|
| 19            | B      | 1     | 4 5                 | 27            | B      | 1     | 5 6                 | 23            | C      | 3     | 3 0                 |
| 19            | B      | 1     | 4 12                | 27            | B      | 1     | 5 7                 | 25            | C      | 3     | 4 5                 |
| 19            | B      | 1     | 5 7                 | 28            | C      | 1     | 5 6                 | 25            | C      | 3     | 4 12                |
| 20            | B      | 1     | 5 8                 | 30            | B      | 1     | *5 4                | 28            | B      | 3     | *5 7                |
| 20            | B      | 1     | 5 5                 | 32            | C      | 1     | 5 5                 | 30            | C      | 3     | 3 14                |
| 20            | B      | 1     | 5 0                 | 32            | B      | 1     | *5 6                | 33            | B      | 3     | 4 14                |
| 21            | C      | 1     | 3 7                 |               |        |       |                     | 37            | B      | 3     | { 4 12<br>* 4 12    |
| 22            | B      | 1     | 4 4                 |               |        |       |                     |               |        |       |                     |
| 22            | B      | 1     | 5 7                 |               |        |       |                     |               |        |       |                     |
| 24            | C      | 1     | 4 13                | 20            | C      | 2     | *5 0                | 30            | B      | 5     | 3 4                 |
| 24            | B      | 1     | 4 13                | 20            | C      | 2     | { 3 8<br>* 3 15     |               |        |       |                     |
| 24            | B      | 1     | 5 3                 |               |        |       |                     |               |        |       |                     |
| 25            | B      | 1     | 4 0                 | 20            | B      | 2     | { 4 7<br>* 4 13     | 31            | B      | 8     | 4 3                 |
| 25            | B      | 1     | *5 5                |               |        |       |                     | 35            | B      | 8     | *4 12               |
| 25            | B      | 1     | 3 6                 | 24            | B      | 2     | 5 8                 |               |        |       |                     |
| 25            | C      | 1     | 5 2                 | 26            | B      | 2     | 5 4                 |               |        |       |                     |
| 26            | B      | 1     | 5 3                 | 31            | C      | 2     | 4 0                 | 33            | B      | 9     | 4 7                 |
| 26            | B      | 1     | 5 0                 | 32            | B      | 2     | 5 5                 |               |        |       |                     |
| 26            | C      | 1     | 4 14                | 35            | B      | 2     | 3 5                 | 41            | B      | 11    | 5 7                 |
| 26            | C      | 1     | 4 10                | 35            | C      | 2     | 4 12                |               |        |       |                     |
| 26            | B      | 1     | { *4 1<br>*4 5      |               |        |       |                     |               |        |       |                     |

\* Indicates a twin pregnancy.

N.B.—A premature child is one whose birth weight is 5½lb. or under

B—Borough case.

C—County case.

## 11. Number of deliveries in which interference was necessary.

|     |                                           |    |
|-----|-------------------------------------------|----|
| (a) | Inductions (surgical)                     | 46 |
| (b) | Inductions (medical)                      | 36 |
| (c) | Forceps, low                              | 52 |
| (d) | Forceps, high or difficult                | 3  |
| (e) | Forceps, mid.                             | 28 |
| (f) | Manual removal of placenta                | 13 |
| (g) | Blood and serum transfusions              | 8  |
| (h) | Caesarian Section—(1) lower seg.          | 0  |
|     | (2) classical                             | 6  |
| (i) | Difficult manual delivery or interference | 2  |
| (j) | Prolapsed cord                            | 2  |
| (k) | Episiotomy                                | 4  |
| (l) | Hysterectomy                              | 1  |
|     | Post-partum haemorrhage (over 20 ozs.)    | 91 |

In a few cases interference may fall under more than one heading, e.g., one case might require induction and delivery by forceps.

12. Number of cases of Pyrexia and notifiable pyrexia—including infection.

[illegible]

## EMERGENCIES AND CAUSES.

| CAUSE              | No. of Cases |      |       | Paraty |      |      |      |      |      |      |      |      |
|--------------------|--------------|------|-------|--------|------|------|------|------|------|------|------|------|
|                    | B            | C    | Total | 1      | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    |
| Ante-partum        |              |      |       |        |      |      |      |      |      |      |      |      |
| Haemorrhage        | 8            | 6    | 14    | 3      | 6    | 2    | 2    | .... | 1    | .... | .... | .... |
| Dystocia.....      | 5            | 3    | 8     | 7      | .... | .... | .... | .... | 1    | .... | .... | .... |
| Malpresentation    | 7            | 1    | 8     | 3      | 1    | 3    | .... | .... | .... | .... | .... | 1    |
| Operations :       |              |      |       |        |      |      |      |      |      |      |      |      |
| Caesarean          |              |      |       |        |      |      |      |      |      |      |      |      |
| Section .....      | 1            | 1    | 2     | 1      | 1    | .... | .... | .... | .... | .... | .... | .... |
| Low Forceps        | 1            | 1    | 2     | 1      | .... | 1    | .... | .... | .... | .... | .... | .... |
| Manual Remov-      |              |      |       |        |      |      |      |      |      |      |      |      |
| al of placenta     | 2            | 1    | 3     | 2      | 1    | .... | .... | .... | .... | .... | .... | .... |
| Medical            |              |      |       |        |      |      |      |      |      |      |      |      |
| Induction ....     | 2            | 2    | 4     | 1      | 2    | .... | 1    | .... | .... | .... | .... | .... |
| Surgical           |              |      |       |        |      |      |      |      |      |      |      |      |
| Induction ....     | 5            | 4    | 9     | 4      | 2    | 1    | 1    | 1    | .... | .... | .... | .... |
| Physical Con-      |              |      |       |        |      |      |      |      |      |      |      |      |
| ditions not re-    |              |      |       |        |      |      |      |      |      |      |      |      |
| lated to preg-     |              |      |       |        |      |      |      |      |      |      |      |      |
| nancy.....         | 3            | 1    | 4     | 3      | 1    | .... | .... | .... | .... | .... | .... | .... |
| Post-partum        |              |      |       |        |      |      |      |      |      |      |      |      |
| Haemorrhage        | ....         | 1    | 1     | ....   | .... | .... | .... | .... | .... | 1    | .... | .... |
| Post-maturity .... | 1            | .... | 1     | ....   | .... | .... | 1    | .... | .... | .... | .... | .... |
| Social Conditions  | 7            | 8    | 15    | 12     | 1    | 2    | .... | .... | .... | .... | .... | .... |
| Toxaemia .....     | 15           | 3    | 18    | 7      | 4    | 2    | 1    | .... | .... | 2    | 1    | .... |
| Uterine Inversion  | ....         | 1    | 1     | ....   | 1    | .... | .... | .... | .... | .... | .... | .... |

64 patients, booked for Berryfield House, Bradford-on-Avon, had to be taken in to the Maternity Home due to the temporary closure of Berryfield House during the year.

### **Maternity Hospital.**

It was again not possible to accommodate in the Municipal Maternity Home all those expectant mothers who wished to be confined there. This resulted in selection of cases with regard to the likelihood of obstetrical difficulty and the domestic circumstances. Where the confinement appeared likely to be normal and the social conditions were satisfactory, home confinement was advised and where necessary, the services of a Home Help were proffered. It was necessary to transfer 35 Swindon mothers to the Emergency Maternity Home at Bradford-on-Avon.

### **Training in Gas and Air Analgesia.**

Training of pupils and midwives by the Consultant Anaesthetist proceeded during 1946, with the result that 14 passed their qualifying examination to secure approval of the Central Midwives' Board of their fitness to administer gas and air analgesia.

### **Maternity Home Annexe.**

Unfortunately, it did not prove possible during the year to bring 81 Bath Road into operation as an extension of the Annexe at 83 Bath Road, so that there is a continued need for additional maternity beds, even if we confine our attention to the Borough of Swindon. If the needs of the surrounding county districts are taken into account, about double the existing hospital bed provision is required, that is to say, 65 to 75 beds. There is little prospect of the additional beds becoming available by extension of existing buildings. Ideally, of course, a new maternity unit is required to serve the needs of the area, but since there is little prospect of any building being permitted for this purpose in anything under five years from now, consideration should be given to the possibility of transferring the maternity unit to existing premises at present used for other purposes.

### **Domiciliary Midwife.**

I am pleased to be able to report some improvement in this service during the year.

The Midwife who was reported ill in the Report for 1945 ultimately resigned and the vacancy so created, filled. In addition a further Midwife was appointed, the establishment then being two Extern Midwives operating from the Maternity Home and four Domiciliary Midwives working from their own homes. Moreover, a car was provided for the use of the Extern Midwives, thus relieving the pressure on ambulance cars which were then enabled to give improved service to the other Domiciliary Midwives.

### **Maternal Deaths.**

Two maternal deaths occurred, attributable to eclampsia. One of these women refused to attend Ante-natal Clinics and to this extent contributed to the fatal outcome of the pregnancy.

The other case was having Ante-natal care but the eclampsia ensued without premonitory signs.

#### **Home Help Service.**

The Home Help Service continued to function as in recent years, 44 mothers availing themselves of this service in 1946.

#### **Nursing Home.**

There are two Nursing Homes registered within the Borough of Swindon and one of these Homes provides 10 beds, which can be used for either maternity or surgical and medical purposes.

#### **Ante-natal and Post-Natal Clinics.**

Five Ante-natal and two Post-natal Clinics are provided. 723 women attended the Ante-natal Clinic and 131 women attended the Post-natal Clinic.

#### **Health Visiting.**

There is no change to record in the Establishment of the Health Visiting staff which consists of one Senior Health Visitor and six Health Visitors, who are also engaged as School Nurses.

The following visits were undertaken by the Health Visitors :—

|                                            |              |
|--------------------------------------------|--------------|
| First visits to mothers and children ....  | 1613         |
| Re-visits ....                             | 4075         |
| Visits to children aged 1-5 ....           | 6651         |
| Visits to expectant mothers ....           | 148          |
| Infant death and stillbirth enquiries .... | 55           |
| Infectious disease visits ....             | 654          |
| Visits to cases of tuberculosis ....       | 234          |
| Child Life Protection visits ....          | 138          |
| <b>Total Visits ....</b>                   | <b>13605</b> |

#### **Treatment Centres and Clinics.**

There are five Infant Welfare Centres provided in the Borough as follows :—

|                                                       |           |               |
|-------------------------------------------------------|-----------|---------------|
| 61, Eastcott Hill, Swindon ....                       | Monday    | 2—5 p.m.      |
|                                                       | Wednesday | 2—5 p.m.*     |
|                                                       | Friday    | 2—5 p.m.*     |
| Pinehurst Clinic, Beech Avenue ....                   | Tuesday   | 2—5 p.m.*     |
| Trinity Methodist Schoolroom,<br>Cricklade Road ....  | Wednesday | 2—4.30 p.m.*  |
| Methodist Schoolroom Romsey Street,<br>Rodbourne .... | Thursday  | 2—4.30 p.m.** |
| Moredon Community Centre ....                         | Thursday  | 2—4.30 p.m.** |

\*Doctor in attendance.

\*\*Doctor in attendance alternate weeks.

These sessions are available for consultation and advice for mothers, and children up to the age of five years.

**Services of Children's Specialist.**

Dr. Beryl Corner continued to hold sessions at fortnightly intervals during the year and children were referred to her clinic from the assistant medical officers and from general practitioners.

|                                      |      |      |      |     |
|--------------------------------------|------|------|------|-----|
| No. of clinics held                  | .... | .... | .... | 20  |
| No. of children seen                 | .... | .... | .... | 59  |
| School children                      | .... | .... | 40   |     |
| Maternity and Child Welfare cases    | .... | .... | 19   |     |
| No. of consultations and attendances | .... | .... | .... | 118 |
| School children                      | .... | .... | 83   |     |
| Maternity and Child Welfare cases    | .... | .... | 35   |     |

**Dental Scheme, Maternity and Child Welfare.**

| No. of—                              | <i>Nursing<br/>and<br/>Expectant<br/>Mothers</i> |     | <i>Children<br/>1—5</i> | <i>Totals</i> |
|--------------------------------------|--------------------------------------------------|-----|-------------------------|---------------|
|                                      |                                                  |     |                         |               |
| Cases treated                        | ....                                             | 86  | 120                     | 206           |
| Attendances for treatment            | ....                                             | 250 | 240                     | 490           |
| Fillings—permanent teeth             | ....                                             | 51  | —                       | 55            |
| temporary teeth                      | ....                                             | —   | 4                       |               |
| Extractions—permanent teeth          | ....                                             | 120 | —                       | 165           |
| temporary teeth                      | ....                                             | —   | 45                      |               |
| Extractions under local anaesthetic— |                                                  |     |                         |               |
| permanent teeth                      | ....                                             | 47  | —                       | 165           |
| temporary teeth                      | ....                                             | —   | 6                       |               |
| under general anaesthetic—           |                                                  |     |                         |               |
| permanent teeth                      | ....                                             | 73  | —                       | 246           |
| temporary teeth                      | ....                                             | —   | 39                      |               |
| Other operations—permanent teeth     | ....                                             | 19  | —                       | 246           |
| temporary teeth                      | ....                                             | —   | 227                     |               |
| Scalings....                         | ....                                             | 13  | —                       | 13            |
| Dentures completed—partial           | ....                                             | 14  | —                       | 24            |
| full                                 | ....                                             | 10  | —                       |               |

**Orthopaedic Treatment.**

Children under school age attend the Orthopaedic Clinic held at the Isolation Hospital and the following are the particulars relating to this service :—

|                                                                                    |      |     |
|------------------------------------------------------------------------------------|------|-----|
| No. of cases seen by Orthopaedic Surgeon                                           | .... | 34  |
| No. of consultations and attendances                                               | .... | 61  |
| No. of attendances at Sister's Clinic                                              | .... | 165 |
| No. of cases seen at the Orthopaedic Observation Clinic                            | .... | 108 |
| No. of consultations and attendances                                               | .... | 148 |
| No. of cases treated in Hospital (Bath and Wessex Children's Orthopaedic Hospital) | .... | 2   |

### Ophthalmic Treatment.

The following children under five were referred to Mr. O. B. Pratt, the ophthalmic specialist :—

|                                                                   |     |
|-------------------------------------------------------------------|-----|
| No. of cases seen                                                 | 71  |
| Errors of refraction                                              | 32  |
| Other defects                                                     | 39  |
| No. of consultations                                              | 208 |
| No. of attendances at clinic                                      | 229 |
| No. of cases for whom spectacles were prescribed                  | 29  |
| No. of cases for whom spectacles were obtained through the scheme | 28  |

### Child Life Protection—Public Health Act, 1936.

|                                                                              |   |
|------------------------------------------------------------------------------|---|
| Number of Foster Mothers on the registers at the end of the year             | 8 |
| Number of Foster Children under the supervision of the local authority       | 8 |
| Number of Foster Mothers who are guaranteed payment by the Welfare Authority | 1 |

These boarded out children are subject to constant supervision by the Child Life Protection Officers. Altogether, 138 supervisory visits were paid.

The Foster Mother Scheme adopted by the Health Committee guarantees a weekly sum of 17s. 6d. for the care of the children and the mother is asked to contribute according to her means.

### Domestic Help Service.

The Domestic Helps provided by the Local Authority continued during the year to give service which was much appreciated. Four Domestic Helps were retained during the year.

### Adoption of Children.

Ten children were under supervision at the end of the year. The Social Worker was making adoption arrangements in 20 cases.

### Day Nurseries.

Upham Road Nursery was closed in April and the remaining children on the register re-distributed between Broad Street and Pinehurst Nurseries. Staffing difficulties at various levels continued to be troublesome during the year.

Contrary to expectation, there has been no falling off in the demand for Day Nursery accommodation, but in view of the staffing difficulties mentioned, there seems to be little prospect of expanding this service in the near future. There is, of course, no clear policy as to the maintenance of these Nurseries and even if it should be determined that they should be retained, due regard must be had to the high cost of this service.

**Day Nurseries—Statistics.**

| Day Nurseries—Statistics. |      |         | No. of chil-<br>dren on reg-<br>ister at the<br>end of the<br>year. | Total Number<br>of attendances.<br>Six months. |           |
|---------------------------|------|---------|---------------------------------------------------------------------|------------------------------------------------|-----------|
|                           |      |         |                                                                     | Jan.-June                                      | July-Dec. |
| Upham Rd. Day             |      |         |                                                                     |                                                |           |
| Nursery                   | .... | Under 2 | *                                                                   | 733*                                           | —         |
|                           |      | 2—5     | *                                                                   | 1429*                                          | —         |
| Broad St. Day             |      |         |                                                                     |                                                |           |
| Nursery                   | .... | Under 2 | 8                                                                   | 1510                                           | 1134      |
|                           |      | 2—5     | 34                                                                  | 1503                                           | 1845      |
| Pinehurst Day             |      |         |                                                                     |                                                |           |
| Nursery                   | .... | Under 2 | 12                                                                  | 1252                                           | 766       |
|                           |      | 2—5     | 28                                                                  | 1738                                           | 1654      |

\* Nursery closed as from 30-4-46.

**Infant Mortality Rate.**

The infant mortality rate for Swindon for 1946 reached the remarkably low figure of 22.03. The total number of infant deaths was 28, 19 of which occurred within the first seven days of birth.

This compares with an infant mortality rate of 32.8 in 1945. The total number of infant deaths then, was 38, 15 of which occurred within the first seven days of birth.

The infant mortality rate for England and Wales for 1946 is 43 so that it is readily seen that the Swindon rate compares very favourably indeed with that for the country as a whole.

Comparison of the causes of death operating in 1945 and 1946 reveals that the improvement in the overall infant mortality rate is attributable to reduced incidence of Respiratory Infection and Accidents during 1946 in the age group 1-12 months which enjoyed a mortality rate of 6.88.

DAY NURSERIES. STATISTICS—1946.

Health of Children in Day Nurseries.

|                             | Measles | Whooping<br>Cough | Diph-<br>theria | Scar-<br>let<br>Fever | Bron-<br>chitis | Pneu-<br>monia | Laryn-<br>gitis | Dys-<br>entery | Ton-<br>sillitis | Chick-<br>en<br>pox | Influ-<br>enza | Jaund-<br>ice | Pink<br>eye |
|-----------------------------|---------|-------------------|-----------------|-----------------------|-----------------|----------------|-----------------|----------------|------------------|---------------------|----------------|---------------|-------------|
| Upham Road Day<br>Nursery   | —       | —                 | —               | —                     | 4               | —              | —               | —              | —                | —                   | 4              | —             | —           |
| Broad Street Day<br>Nursery | —       | 7                 | —               | —                     | —               | 1              | —               | —              | —                | 6                   | 2              | —             | —           |
| Pinehurst Day               | —       | 8                 | —               | —                     | —               | —              | 1               | —              | 8                | 3                   | —              | —             | 1           |

\* To date of closing down.

No. of children immunised against diphtheria :—

|                          |    |
|--------------------------|----|
| Upham Road Day Nursery   | 6  |
| Broad Street Day Nursery | 3  |
| Pinehurst Day Nursery    | 15 |



**BOROUGH OF SWINDON.**  
**TABLE OF INFANT MORTALITIES.**

| Year | Live Births (1) | Still-births (2) | Total conceptions extending to viable foetus (1)+(2)=2a | Deaths under 1 year of infants born alive (3) | Infant Mortality rate for infants born alive (4) | Infant deaths under 7 days (5) | Infants who died before birth or within first week of life (2)+(5)=5a. | Deaths in infants between 1st week and end of 1st year (3)-(5)=5b. | Mortality rate of viable children before or within 1 week of birth (6) | Mortality rate for infants from end of one week to end of 1st year (7) |
|------|-----------------|------------------|---------------------------------------------------------|-----------------------------------------------|--------------------------------------------------|--------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1946 | 1271            | 36               | 1307                                                    | 28                                            | 22.03                                            | 19                             | 55                                                                     | 9                                                                  | 42.08                                                                  | 6.88                                                                   |
| 1945 | 1159            | 33               | 1192                                                    | 38                                            | 32.79                                            | 15                             | 48                                                                     | 23                                                                 | 40.27                                                                  | 19.39                                                                  |
| 1944 | 1409            | 48               | 1457                                                    | 49                                            | 34.78                                            | 23                             | 71                                                                     | 26                                                                 | 48.73                                                                  | 17.84                                                                  |
| 1943 | 1187            | 28               | 1210                                                    | 60                                            | 50.55                                            | 26                             | 49                                                                     | 34                                                                 | 40.49                                                                  | 28.10                                                                  |
| 1942 | 1174            | 36               | 1210                                                    | 44                                            | 37.48                                            | 20                             | 56                                                                     | 24                                                                 | 46.28                                                                  | 19.83                                                                  |
| 1941 | 1107            | 27               | 1134                                                    | 64                                            | 55.75                                            | 18                             | 45                                                                     | 46                                                                 | 38.99                                                                  | 40.56                                                                  |
| 1940 | 858             | 43               | 1001                                                    | 61                                            | 61.43                                            | 22                             | 65                                                                     | 39                                                                 | 61.93                                                                  | 38.96                                                                  |
| 1939 | 848             | 29               | 877                                                     | 35                                            | 38.42                                            | 23                             | 52                                                                     | 12                                                                 | 59.38                                                                  | 13.68                                                                  |
| 1938 | 791             | 28               | 819                                                     | 43                                            | 54.36                                            | 19                             | 47                                                                     | 24                                                                 | 57.39                                                                  | 28.59                                                                  |
| 1937 | 748             | 23               | 771                                                     | 36                                            | 48.13                                            | 16                             | 39                                                                     | 20                                                                 | 50.58                                                                  | 25.94                                                                  |
| 1936 | 790             | 25               | 815                                                     | 37                                            | 46.84                                            | 19                             | 44                                                                     | 18                                                                 | 53.99                                                                  | 22.08                                                                  |
| 1935 | 744             | 31               | 775                                                     | 35                                            | 47.04                                            | 23                             | 54                                                                     | 12                                                                 | 70.97                                                                  | 15.50                                                                  |
| 1934 | 770             | 27               | 797                                                     | 49                                            | 55.84                                            | 26                             | 53                                                                     | 17                                                                 | 66.49                                                                  | 22.58                                                                  |
| 1933 | 766             | 33               | 799                                                     | 40                                            | 52.22                                            | 14                             | 47                                                                     | 26                                                                 | 58.82                                                                  | 33.78                                                                  |
| 1932 | 887             | 35               | 923                                                     | 47                                            | 52.99                                            | 17                             | 53                                                                     | 30                                                                 | 57.42                                                                  | 32.50                                                                  |
| 1931 | 910             | 34               | 944                                                     | 51                                            | 56.04                                            | 25                             | 59                                                                     | 26                                                                 | 62.50                                                                  | 27.51                                                                  |
| 1930 | 971             | 42               | 1013                                                    | 61                                            | 62.82                                            | 34                             | 76                                                                     | 27                                                                 | 75.02                                                                  | 26.65                                                                  |
| 1929 | 867             | 44               | 911                                                     | 41                                            | 47.29                                            | 14                             | 58                                                                     | 24                                                                 | 63.66                                                                  | 26.35                                                                  |
| 1928 | 910             | 51               | 961                                                     | 33                                            | 36.26                                            | 9                              | 40                                                                     | 27                                                                 | 42.51                                                                  | 25.72                                                                  |
| 1927 | 830             | 34               | 864                                                     | 39                                            | 46.98                                            | 17                             | 51                                                                     | 22                                                                 | 59.03                                                                  | 25.46                                                                  |
| 1926 | 980             | 34               | 1014                                                    | 49                                            | 47.95                                            | 19                             | 63                                                                     | 30                                                                 | 52.27                                                                  | 29.33                                                                  |
| 1925 | 942             | 26               | 968                                                     | 53                                            | 60.50                                            | 19                             | 45                                                                     | 34                                                                 | 46.49                                                                  | 34.09                                                                  |
| 1924 | 968             | 24               | 992                                                     | 58                                            | 63.01                                            | 20                             | 44                                                                     | 38                                                                 | 44.36                                                                  | 38.21                                                                  |
| 1923 | 995             | 29               | 1024                                                    | 53                                            | 53.2                                             | 21                             | 50                                                                     | 32                                                                 | 48.82                                                                  | 31.25                                                                  |
| 1922 | 1057            | 35               | 1092                                                    | 64                                            | 60.5                                             | 23                             | 58                                                                     | 41                                                                 | 53.11                                                                  | 37.55                                                                  |
| 1921 | 1125            | 39               | 1164                                                    | 76                                            | 67.5                                             | 26                             | 65                                                                     | 50                                                                 | 55.84                                                                  | 42.96                                                                  |
| 1920 | 1246            | 49               | 1295                                                    | 84                                            | 69.                                              | 36                             | 85                                                                     | 48                                                                 | 65.61                                                                  | 37.09                                                                  |
| 1919 | 905             | 63               | 968                                                     | 76                                            | 83.9                                             | 32                             | 95                                                                     | 44                                                                 | 98.21                                                                  | 45.45                                                                  |
| 1918 | 934             | 54               | 988                                                     | 76                                            | 81.3                                             | 26                             | 80                                                                     | 50                                                                 | 80.97                                                                  | 50.61                                                                  |
| 1917 | 891             | 57               | 948                                                     | 79                                            | 88.6                                             | 25                             | 82                                                                     | 54                                                                 | 86.49                                                                  | 56.96                                                                  |
| 1916 | 1035            | 44               | 1079                                                    | 75                                            | 72.4                                             | —                              | —                                                                      | —                                                                  | —                                                                      | —                                                                      |
| 1915 | 1093            | 36               | 1129                                                    | 74                                            | 67.7                                             | 21                             | 57                                                                     | 53                                                                 | 50.49                                                                  | 46.06                                                                  |
| 1914 | 1193            | 35               | 1228                                                    | 83                                            | 73.7                                             | 21                             | 66                                                                     | 57                                                                 | 53.74                                                                  | 46.41                                                                  |
| 1913 | 1226            | 39               | 1265                                                    | 105                                           | 86.4                                             | 35                             | 74                                                                     | 70                                                                 | 58.49                                                                  | 55.30                                                                  |

Mortality of viable children before, at birth or within one week of birth, obtained by  $5a \times \frac{1000}{2a}$

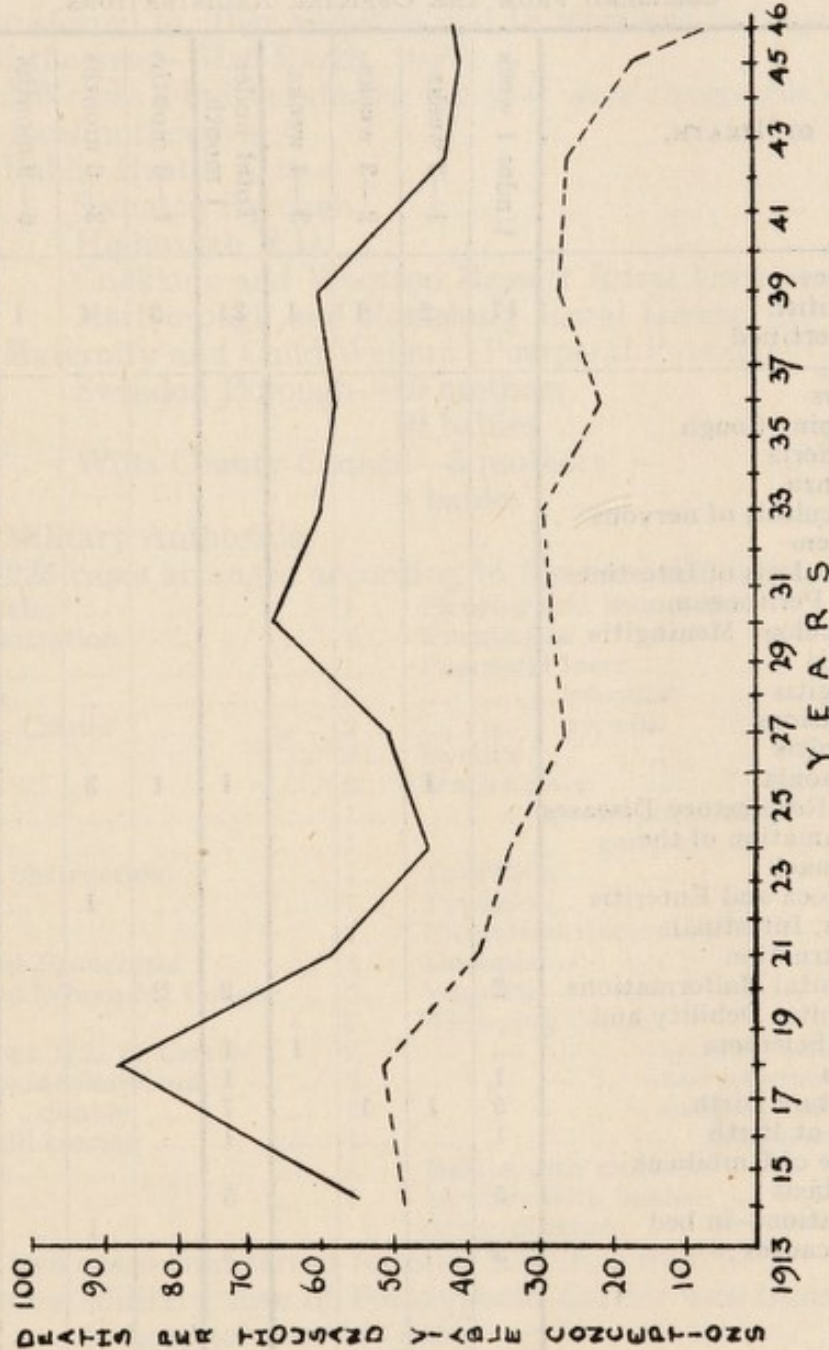
Infant death rate for infants in period from end of one week to end of first year obtained by  $5b \times \frac{1000}{2a}$

For the figures utilised in preparing the graph the figures in column 6 and 7 have been grouped in three yearly periods and the average taken for the three years.

BOROUGH OF SWINDON

GRAPH SHOWING TREND OF INFANT

MORTALITY RATES 1913 to 1946 . . .



THE GRAPHS SHOW THE TREND OF MORTALITY RATES (THREE YEARLY PERIODS)  
 THE TOP GRAPH FOR CHILDREN WHO ARE STILL BORN OR DIED WITHIN THE FIRST WEEK OF LIFE  
 THE BOTTOM GRAPH FOR CHILDREN WHO DIED FROM THE END OF THE FIRST WEEK OF LIFE  
 TO THE END OF THE FIRST YEAR.

## BOROUGH OF SWINDON.

## INFANT MORTALITY.

1946. *Nett deaths from stated causes at various ages under  
One Year of Age.*

COMPILED FROM THE OFFICIAL REGISTRATIONS.

| CAUSE OF DEATH.                           | Under 1 week | 1—2 weeks | 2—3 weeks | 3—4 weeks | Total under 1 month. | 1—3 months | 3—6 months | 6—9 months | 9—12 months | Total Deaths under 1 year |
|-------------------------------------------|--------------|-----------|-----------|-----------|----------------------|------------|------------|------------|-------------|---------------------------|
| All Causes—                               |              |           |           |           |                      |            |            |            |             |                           |
| Certified                                 | 17           | 2         | 1         | 1         | 21                   | 3          | 4          | 1          | —           | 29                        |
| Uncertified                               |              |           |           |           |                      |            |            |            |             |                           |
| Measles                                   |              |           |           |           |                      |            |            |            |             |                           |
| Whooping Cough                            |              |           |           |           |                      |            |            |            |             |                           |
| Diphtheria                                |              |           |           |           |                      |            |            |            |             |                           |
| Influenza                                 |              |           |           |           |                      |            |            |            |             |                           |
| Tuberculosis of nervous system            |              |           |           |           |                      |            |            |            |             |                           |
| Tuberculosis of Intestines and Peritoneum |              |           |           |           |                      |            |            |            |             |                           |
| Tuberculous Meningitis                    |              |           |           |           |                      |            |            |            |             |                           |
| Syphilis                                  |              |           |           |           |                      |            |            |            |             |                           |
| Meningitis                                |              |           |           |           |                      |            |            |            |             |                           |
| Convulsions                               |              |           |           |           |                      |            |            |            |             |                           |
| Bronchitis                                |              |           |           |           |                      |            |            |            |             |                           |
| Pneumonia                                 |              | 1         |           |           | 1                    | 1          | 3          |            |             | 5                         |
| Other Respiratory Diseases                |              |           |           |           |                      |            |            |            |             |                           |
| Inflammation of the Stomach               |              |           |           |           |                      |            |            |            |             |                           |
| Diarrhoea and Enteritis                   |              |           |           |           |                      |            | 1          |            |             | 1                         |
| Hernia, Intestinal Obstruction            |              |           |           |           |                      |            |            |            |             |                           |
| Congenital Malformations                  | 2            |           |           |           | 2                    | 2          |            |            |             | 4                         |
| Congenital Debility and Sclerema          |              |           |           | 1         | 1                    |            |            |            |             | 1                         |
| Icterus                                   | 1            |           |           |           | 1                    |            |            |            |             | 1                         |
| Premature Birth                           | 5            | 1         | 1         |           | 7                    |            |            |            |             | 7                         |
| Injury at Birth                           | 1            |           |           |           | 1                    |            |            |            |             | 1                         |
| Disease of Umbilicus                      |              |           |           |           |                      |            |            |            |             |                           |
| Atelectasis                               | 5            |           |           |           | 5                    |            |            |            |             | 5                         |
| Suffocation—in bed                        |              |           |           |           |                      |            | 1          |            |             | 1                         |
| Other causes :—                           | 3            |           |           |           | 3                    |            |            |            |             | 3                         |
| TOTALS                                    | 17           | 2         | 1         | 1         | 21                   | 3          | 4          | 1          |             | 29                        |

## ISOLATION HOSPITAL.

The Isolation Hospital year runs from 1st April, 1946, to 31st March, 1947. The number of new admissions during the year 1st April, 1946, to 31st March, 1947, was 216 against 186 and 386 in the two previous years. On 1st April, 1946, there were 9 patients remaining in the hospital so that altogether 225 cases were under treatment during the year. Of these, 203 cases were discharged cured, 2 died, 2 were transferred to other hospitals and 18 remained in hospital at the end of the year—31st March, 1947.

The 216 cases admitted during the year were chargeable to the following local authorities :—

## Public Health Acts—

|                                              |      |      |      |      |     |
|----------------------------------------------|------|------|------|------|-----|
| Swindon Borough                              | .... | .... | .... | .... | 118 |
| Highworth R.D.                               | .... | .... | .... | .... | 22  |
| Cricklade and Wootton Bassett Rural District | .... | .... | .... | .... | 7   |
| Marlborough and Ramsbury Rural District      | .... | .... | .... | .... | 15  |

## Maternity and Child Welfare (Puerperal Pyrexia)—

|                                |      |      |      |   |    |
|--------------------------------|------|------|------|---|----|
| Swindon Borough—10 mothers     | .... | .... | .... | } | 20 |
| 10 babies                      | .... | .... | .... |   |    |
| Wilts County Council—5 mothers | .... | .... | .... | } | 10 |
| 5 babies                       | .... | .... | .... |   |    |

## Military Authorities

|      |      |      |      |      |    |
|------|------|------|------|------|----|
| .... | .... | .... | .... | .... | 24 |
|------|------|------|------|------|----|

The 225 cases arranged according to the final diagnosis are :—

|                            |      |      |    |                         |      |    |
|----------------------------|------|------|----|-------------------------|------|----|
| Conjunctivitis             | .... | .... | 1  | Pleurisy and bronchitis | .... | 3  |
| Corneal Ulceration         | .... | .... | 1  | Pneumonia               | .... | 2  |
| Croup                      | .... | .... | 1  | Puerperal fever         | .... | 2  |
| Diphtheria                 | .... | .... | 5  | " infection             | .... | 3  |
| " Carrier                  | .... | .... | 2  | " pyrexia               | .... | 11 |
| Enteritis                  | .... | .... | 2  | Pyelitis                | .... | 1  |
| Erysipelas                 | .... | .... | 2  | Scarlet fever           | .... | 85 |
| Influenza                  | .... | .... | 1  | " " in puerperum        | .... | 1  |
| Jaundice                   | .... | .... | 1  | " " carrier             | .... | 1  |
| Laryngeal obstruction      | .... | .... | 1  | Tonsillitis             | .... | 31 |
| Mastitis                   | .... | .... | 1  | Typhoid                 | .... | 1  |
| Measles                    | .... | .... | 17 | Ulceration Endocarditis | .... | 1  |
| " and Bronchitis           | .... | .... | 2  | Uraemia                 | .... | 1  |
| " and Whooping Cough       | .... | .... | 2  | Vaginitis               | .... | 2  |
| Mumps                      | .... | .... | 1  | Whooping Cough          | .... | 3  |
| Non Vincent K.L.B. Carrier | .... | .... | 2  | " " and Bronchitis      | .... | 1  |
| Ophthalmia neonatorum      | .... | .... | 7  | " " and pneumonia       | .... | 1  |
| " double                   | .... | .... | 2  | " " measles and         | .... | 1  |
| Paratyphoid carrier        | .... | .... | 1  | pneumonia               | .... | 1  |
| Pemphegus                  | .... | .... | 1  | Babies with mothers     | .... | 18 |
| Pleurisy                   | .... | .... | 1  | Mothers with babies     | .... | 1  |
|                            |      |      |    | Other diseases          | .... | 1  |

The two cases transferred to other hospitals were :—

One Military case of Paratyphoid Carrier was transferred to hospital near his home.

One case of R. Ophthalmia (baby, age 13 days) transferred to Oxford.

Analysis of the two deaths :—

One case of typhoid, age 54 years : 5 days in hospital.

One case of diphtheria, age 45 years : 2 days in hospital.

## REPORT OF THE SENIOR SANITARY INSPECTOR.

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

LADIES AND GENTLEMEN,

I have the honour of submitting the Annual Report of the work carried out under the supervision of the Senior Sanitary Inspector during the year 1946.

The retirement of Mr. F. H. Beavis, after twenty-eight years' service with the Swindon Corporation, led to some re-organisation in the Department, but as the vacancy caused by this retirement and subsequent promotions had not been filled by the end of the year, the effect of any re-organisation was nullified by the absence of sufficient staff to carry out the work.

### FOOD AND DRUGS ACT 1938.

More than three hundred inspections were made at the various farms, dairies and milkshops within the Borough and in connection with the taking of samples of milk for analysis by the Public Analyst. Of one hundred and thirty-five samples of milk examined, twenty were found not to comply with the requirements of the Sale of Milk Regulations 1939. One producer was fined £5 for selling to the Milk Marketing Board eighteen churns of milk containing approximately 5% of extraneous water. One producer-retailer was fined £5 for selling milk containing 7.9% of extraneous water, and one retailer fined £10 for selling milk containing 9.8% of extraneous water. In each of these cases the usual "appeal to the cow" samples were taken at the farms, and these samples were satisfactory. One retailer was fined £1 for filling milk bottles in the street and in this case continued observations had to be kept before sufficient evidence could be obtained to ensure conviction for this offence. This retailer had been fined previously for a similar offence and had twice been prosecuted for selling milk containing extraneous water. Since his last conviction he has sold his milk round and the registration of his dairy has been cancelled.

Fifty-one samples of milk were submitted for bacteriological examination and the particulars of these examinations are shown on page 42 of this Report.

Samples of ice-cream submitted to the Public Analyst showed a fat content in three samples of less than one per cent. and three others varied from 1.47% to 3.04%. The fat content of a reasonably good ice-cream should be in the region of 8 or 9%. In spite of the shortage of many of the ingredients used in the manufacture, I am of the opinion that a legal standard for ice-cream should be defined, especially when one realises the high prices charged in some instances for a very poor article.

## MEAT INSPECTION.

Centralised slaughtering for the Borough of Swindon and the surrounding Rural Districts is carried out at the Ministry of Food Slaughterhouse, Shrivenham Road. These premises formerly comprised four small private slaughterhouses, and although some reconstruction was carried out, they are totally inadequate for the amount of slaughtering done there. Some 11,953 animals were slaughtered during the year, and all these carcasses were inspected by your Sanitary Inspectors. Approximately 107 tons of unsound meat and other foods were dealt with by the Department. The table on page 43 shows the percentage of animals slaughtered found to be affected with Tuberculosis, and diseases other than Tuberculosis.

## DRAINAGE WORK.

The drains of 231 premises were overhauled or relayed, under the supervision of the Sanitary Inspectors, during the period under review.

## HOUSING REPAIRS.

Despite the continued shortage of materials and labour, the table of Sanitary Statistics shows that a very considerable amount of repair work has been carried out as the result of representations made by the Sanitary Inspector. Although every effort is made to get repairs carried out without having to take legal proceedings, it was necessary to serve seven Statutory Notices under the Public Health Act 1936, and four Statutory Notices under the Housing Act 1936. Three Nuisance Abatement Orders were made by the Magistrate's Court, and in one case the Owner of the property was fined £2 for failing to comply with the Order, and the necessary work was afterwards carried out by the Local Authority at a cost of £74 14s., which is recoverable from the Owner. In all the other cases the work specified in the Statutory Notices was carried out by the various Owners.

## OVERCROWDING.

At the end of 1946, the records of the Department showed forty-two cases of overcrowding, as defined by the provisions of the Housing Act 1936. These figures do not convey the true picture of the local housing problem, as the overcrowding standard of the Housing Act 1936 permits more persons to occupy accommodation than would normally be considered desirable by the average householder. Although the actual cases of overcrowding are few, there are numerous families in the Borough whose housing accommodation is inadequate for their needs.

## RATS AND MICE DESTRUCTION.

A scheme for the systematic baiting of the sewers, as recommended by the Ministry of Food, was approved by the Health Committee. It is proposed systematically to bait the whole of the sewer manholes, some 1,487 in number. The scheme was also approved by the Ministry of Food, from whom a proportion of the cost is recoverable.

In conclusion, I would like to express my thanks to all the Officers of the Corporation for their assistance and ready co-operation during the year.

H. A. BANWELL,

*Senior Sanitary Inspector.*

**SANITARY STATISTICS, 1946.**  
**TABLE OF NUISANCES RECORDED AND ABATED.**

| Nature of Complaint.            | Not<br>abated<br>at end of<br>1945 | Visited<br>during<br>1946 | Total       | Abated<br>during<br>1946 | Not abated<br>at end of<br>1946 |
|---------------------------------|------------------------------------|---------------------------|-------------|--------------------------|---------------------------------|
| Choked drains                   | 6                                  | 215                       | 221         | 216                      | 5                               |
| Defective drains                | 21                                 | 176                       | 197         | 172                      | 25                              |
| traps                           | 9                                  | 72                        | 81          | 71                       | 10                              |
| sinks                           | 15                                 | 84                        | 99          | 76                       | 23                              |
| and dirty w.c.'s                | 119                                | 218                       | 337         | 295                      | 42                              |
| flushing-cisterns               | 37                                 | 102                       | 139         | 92                       | 47                              |
| roofs                           | 82                                 | 404                       | 486         | 310                      | 176                             |
| eaves-gutters & rainwater pipes | 78                                 | 238                       | 316         | 191                      | 125                             |
| ceilings                        | 80                                 | 260                       | 340         | 215                      | 125                             |
| walls                           | 166                                | 456                       | 622         | 410                      | 212                             |
| Damp walls                      | 67                                 | 285                       | 352         | 173                      | 179                             |
| Dirty rooms                     | 139                                | 521                       | 660         | 494                      | 166                             |
| Defective floors                | 90                                 | 438                       | 528         | 407                      | 121                             |
| firegrates                      | 23                                 | 108                       | 131         | 76                       | 55                              |
| coppers                         | 18                                 | 30                        | 48          | 33                       | 15                              |
| yard paving                     | 25                                 | 41                        | 66          | 47                       | 19                              |
| forecourt paving                | 6                                  | 8                         | 14          | 9                        | 5                               |
| Offensive accumulations         | 41                                 | 86                        | 90          | 81                       | 9                               |
| animals                         | —                                  | 21                        | 21          | 19                       | 2                               |
| Miscellaneous                   | 260                                | 1229                      | 1489        | 920                      | 569                             |
| <b>TOTALS</b>                   | <b>1245</b>                        | <b>4992</b>               | <b>6237</b> | <b>4307</b>              | <b>1930</b>                     |

## VISITS AND INSPECTIONS, 1946.

|                                  |              |
|----------------------------------|--------------|
| Investigation of Complaints      | 844          |
| Work in course of construction   | 1533         |
| Infectious disease               | 580          |
| Slaughterhouses                  | 810          |
| Butchers' shops                  | 111          |
| Markets                          | 381          |
| Bakehouses                       | 61           |
| Cow-sheds, milkshops and dairies | 333          |
| Fishshops                        | 189          |
| Food shops                       | 754          |
| Factories                        | 531          |
| Outworkers' premises             | 234          |
| Common Lodging-house             | 17           |
| Revisits                         | 2565         |
| Miscellaneous                    | 4126         |
| Overcrowding Survey              | 155          |
| Housing Inspections              | 119          |
| <b>TOTAL</b>                     | <b>13443</b> |

## BAKEHOUSES.

|                            |    |
|----------------------------|----|
| Number on Register         | 29 |
| Nuisances Found and Abated | 31 |

## DAIRIES, COWSHEDS AND MILKSHOPS.

|                                         |      |      |      |      |      |    |
|-----------------------------------------|------|------|------|------|------|----|
| Dairies and Milkshops                   | .... | .... | .... | .... | .... | 35 |
| Farms                                   | .... | .... | .... | .... | .... | 18 |
| Milk Purveyors from outside the Borough | .... | .... | .... | .... | .... | 13 |
| Total                                   | .... | .... | .... | .... | .... | 66 |

## MILK (SPECIAL DESIGNATIONS) REGULATIONS,

1936-1946.

Licences in force within the Borough.

Licences issued by the Wilts County Council.

Licences in respect of an establishment at which the milk is produced and not bottled :—

|                   |      |      |      |      |
|-------------------|------|------|------|------|
| Tuberculin Tested | .... | .... | .... | None |
| Accredited        | .... | .... | .... | Six  |

Licences in respect of an establishment at which the milk is produced and bottled :—

|                   |      |      |      |      |
|-------------------|------|------|------|------|
| Tuberculin Tested | .... | .... | .... | Two  |
| Accredited        | .... | .... | .... | None |

In addition to the above, there is one producer of Tuberculin Tested Milk and one producer of Accredited milk from outside the Borough retailing within the Borough.

Licences issued by the Town Council of the Borough of Swindon:

Licences in respect of an establishment at which the milk is bottled :—

|                   |      |      |      |       |
|-------------------|------|------|------|-------|
| Tuberculin Tested | .... | .... | .... | Eight |
| Accredited        | .... | .... | .... | None  |

Licences in respect of a shop or other establishment at or from which the milk is sold :—

|                   |      |      |      |      |
|-------------------|------|------|------|------|
| Tuberculin Tested | .... | .... | .... | Four |
| Accredited        | .... | .... | .... | None |

Supplementary licences with respect to milk sold from a shop or other establishment which is outside the area of the Local Authority :—

|                   |      |      |      |      |
|-------------------|------|------|------|------|
| Tuberculin Tested | .... | .... | .... | Two  |
| Accredited        | .... | .... | .... | None |

Licence in respect of an establishment in which the process of Pasteurising is carried on, including any shop or other establishment at or from which the milk is sold by the same dealer :—One.

Licence in respect of each shop or other establishment at or from which Pasteurised milk is sold :—Six.

Supplementary Licence in relation to Pasteurised milk sold from a shop or other establishment which is outside the area of the licensing authority :—None.

MILK (SPECIAL DESIGNATIONS) REGULATIONS,  
1936 to 1946.

**Bacteriological Examinations.**

| <i>Designation.</i>    | <i>No. of<br/>Samples<br/>taken.</i> | <i>Satisfactory.</i> | <i>Un-<br/>satisfactory.</i> |
|------------------------|--------------------------------------|----------------------|------------------------------|
| Tuberculin Tested .... | 17                                   | 13                   | 4                            |
| Accredited ....        | 1                                    | 1                    | —                            |
| Pasteurised ....       | 29                                   | 24                   | 5                            |
| Non-designated ....    | 4                                    | 4                    | —                            |
| Totals ....            | 51                                   | 42                   | 9                            |

FOOD AND DRUGS ACT, 1938.

There are on the registers of the Department :—

|                                                                                                                       |     |
|-----------------------------------------------------------------------------------------------------------------------|-----|
| Premises registered for the preparation or manufacture of sausages or potted, pressed, pickled or preserved food .... | 86  |
| Premises registered for the sale, manufacture or storage of ice-cream ....                                            | 102 |
| Butchers' Shops ....                                                                                                  | 78  |
| Wholesale Meat Stores ....                                                                                            | 2   |
| Fried Fish Shops ....                                                                                                 | 32  |
| Other Food Shops ....                                                                                                 | 281 |

**Samples taken and submitted to the Public Analyst.**

|                                       | Formal | Informal | Genuine | Not<br>Genuine | Remarks                                                                                   |
|---------------------------------------|--------|----------|---------|----------------|-------------------------------------------------------------------------------------------|
| Milk ....                             | 122    | 13       | 115     | 20             | One retailer and two Milk Producers prosecuted<br>Contained Excessive Sodium Bi Carbonate |
| Sponge Cake ....                      | 2      | —        | 1       | 1              |                                                                                           |
| Baking Powder ....                    | 1      | —        | 1       | —              |                                                                                           |
| Tea ....                              | —      | 1        | 1       | —              |                                                                                           |
| Hogs Pudding ....                     | —      | 1        | 1       | —              |                                                                                           |
| Ice Cream ....                        | —      | 6        | 6       | —              |                                                                                           |
| Ice-cream Powder ....                 | 1      | 1        | 2       | —              |                                                                                           |
| Coffee ....                           | —      | 1        | 1       | —              |                                                                                           |
| Compounded full-cream Dried Milk .... | —      | 2        | 2       | —              |                                                                                           |
| Totals ....                           | 126    | 25       | 130     | 21             |                                                                                           |

## PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

The following table shows the number of carcasses inspected during the year.

## CARCASSES INSPECTED AND CONDEMNED, 1946.

|                                                                                                | Cattle |              | Calves | Pigs | Sheep and lambs |
|------------------------------------------------------------------------------------------------|--------|--------------|--------|------|-----------------|
|                                                                                                | Cows   | Other cattle |        |      |                 |
| Killed and inspected .....                                                                     | 2408   | 2010         | 133    | 415  | 11953           |
| <b>DISEASES OTHER THAN TUBERCULOSIS</b>                                                        |        |              |        |      |                 |
| Whole carcasses condemned .....                                                                | 30     | 7            | 6      | 1    | 19              |
| Carcasses of which some part or organ was condemned .....                                      | 575    | 754          | 3      | 85   | 2142            |
| Approximate percentage of number inspected affected with disease other than Tuberculosis ..... | 25%    | 39%          | 7%     | 21%  | 18%             |
| <b>TUBERCULOSIS ONLY.</b>                                                                      |        |              |        |      |                 |
| Whole carcasses condemned .....                                                                | 121    | 25           | 4      | 1    | —               |
| Carcasses of which some part or organ was condemned .....                                      | 885    | 422          | —      | 53   | —               |
| Approximate percentage of number inspected affected with Tuberculosis .....                    | 42%    | 22%          | 3%     | 13%  | —               |

## UNSOUND FOOD

106 Tons.    19 Cwts.    3 Qrs.    4½ Lbs.

## DISINFECTANTS.

Quantity given : Fluid ..... 32 gals. 2 qts. 3 pts.  
Powder ..... 1 qrt. 7 lbs.

## DISINFECTION.

|                                    |       |     |
|------------------------------------|-------|-----|
| Cases of Cancer                    | ..... | 14  |
| „ Tuberculosis                     | ..... | 10  |
| „ Scarlet Fever                    | ..... | 85  |
| „ Diphtheria                       | ..... | 32  |
| „ Pneumonia                        | ..... | —   |
| Miscellaneous Cases                | ..... | 28  |
| Verminous Rooms                    | ..... | 333 |
| Library Books disinfected          | ..... | 92  |
| Lots of Bedding disinfected        | ..... | 53  |
| Miscellaneous Articles disinfected | ..... | 11  |
| Lots of Bedding destroyed          | ..... | 20  |
| Miscellaneous Articles destroyed   | ..... | 23  |
| Animals destroyed                  | ..... | 2   |

## COMMON LODGING HOUSES.

|                                                                                  |       |    |
|----------------------------------------------------------------------------------|-------|----|
| On Register                                                                      | ..... | 1  |
| Number of persons for whom accommodation is provided :—Adults, 109 ; Children 8. |       |    |
| Inspections                                                                      | ..... | 17 |

## DISINFECTION OF VEHICLES ETC. AT THE CATTLE MARKET.

| Number Disinfected. | Fees Received. |    |    |
|---------------------|----------------|----|----|
|                     | £              | s. | d. |
| 902                 | 56             | 7  | 6  |

# **FACTORIES ACT, 1937.**

## **1. Inspections for purposes of provisions of health made by Sanitary Inspectors.**

| Premises                                                                                    | No. on Register | Number of         |                    |                         |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|--------------------|-------------------------|
|                                                                                             |                 | Inspect-<br>tions | Written<br>Notices | Occupiers<br>Prosecuted |
| (i) Factories in which Sections 1, 2, 3 and 6 are to be enforced by Local Authorities ..... | 153             | 348               | 52                 | —                       |
| (ii) Factories not included in (i) to which Section 7 applies :—                            |                 |                   |                    |                         |
| (a) Subject to the Local Authorities (Transfer of Enforcement) Order 1938.....              | 81              | 183               | 37                 | —                       |
| (b) Others.....                                                                             | —               | —                 | —                  | —                       |
| (iii) Other Premises under the Act (excluding out-workers' premises) .....                  | —               | —                 | —                  | —                       |
| <b>TOTAL .....</b>                                                                          | <b>234</b>      | <b>531</b>        | <b>89</b>          | <b>—</b>                |

## 2. Cases in which defects were found.

| Particulars                                                        | No. of cases in which defects were found |          |                  |                  | No. of cases in which prosecutions were instituted |
|--------------------------------------------------------------------|------------------------------------------|----------|------------------|------------------|----------------------------------------------------|
|                                                                    | Found                                    | Remedied | Referred         |                  |                                                    |
|                                                                    |                                          |          | To H.M. Insp'tor | By H.M. Insp'tor |                                                    |
| Want of cleanliness (Sect 1)                                       | 26                                       | 24       | —                | 3                | —                                                  |
| Overcrowding (Sect 2).....                                         | —                                        | —        | —                | —                | —                                                  |
| Unreasonable temperature Sect. 3).....                             | 1                                        | 1        | —                | —                | —                                                  |
| Inadequate Ventilation (Sect. 4) .....                             | —                                        | —        | —                | —                | —                                                  |
| Ineffective Drainage of floors (Section 5).....                    | 2                                        | 1        | —                | —                | —                                                  |
| Sanitary Conveniences (Sect. 7) :—                                 |                                          |          |                  |                  |                                                    |
| (a) Insufficient .....                                             | 4                                        | 4        | —                | 1                | —                                                  |
| (b) Unsuitable or Defective .....                                  | 19                                       | 15       | —                | 6                | —                                                  |
| (c) Not separate for sexes                                         | 2                                        | 2        | 1                | —                | —                                                  |
| Other offences (not including offences relating to Homework) ..... | 25                                       | 20       | —                | —                | —                                                  |
| TOTAL .....                                                        | 79                                       | 67       | 1                | 10               | —                                                  |

# OUTWORK. (Sections 110 and 111).

| Nature of Work                 | SECTION 110.                                            |                                                             |                                                  | SECTION 111.                                      |                 |              |
|--------------------------------|---------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------|-----------------|--------------|
|                                | No. of outworkers in August list required by Sect. 110. | No. of cases of default in sending in lists to the Council. | No. of prosecutions for failure to supply lists. | No. of instances of work in unwholesome premises. | Notices served. | Prosecutions |
| (1) Textile Workers ....       | 7                                                       | 1                                                           | —                                                | —                                                 | —               | —            |
| Boot and Shoe Workers ....     | 1                                                       | —                                                           | —                                                | —                                                 | —               | —            |
| (7) File makers ....           | 11                                                      | —                                                           | —                                                | —                                                 | —               | —            |
| (20) Bag Making ....           | 92                                                      | —                                                           | —                                                | —                                                 | —               | —            |
| (3) Crochet and Trellis making | 29                                                      | —                                                           | —                                                | —                                                 | —               | —            |
| Total ....                     | 140                                                     | 1                                                           | —                                                | —                                                 | —               | —            |

# HOUSING STATISTICS.

---

|                                   |       |      |
|-----------------------------------|-------|------|
| Houses inspected                  | ..... | 1272 |
| „ found to be defective           | ..... | 1139 |
| „ rendered fit by informal action | ..... | 923  |
| „ rendered fit by formal action   | ..... | 5    |

## HOUSING ACT 1936, SECTION 58.

### OVERCROWDING.

|                                                                  |       |     |
|------------------------------------------------------------------|-------|-----|
| Houses overcrowded at end of 1945                                | ..... | 35  |
| No. of persons affected                                          | ..... | 316 |
| <i>No. of new cases of Overcrowding in 1946 :—</i>               |       |     |
| No. of houses overcrowded                                        | ..... | 25  |
| No. of persons affected                                          | ..... | 146 |
| <i>No. of cases of Overcrowding abated during 1946 :—</i>        |       |     |
| No. of houses                                                    | ..... | 18  |
| No. of persons                                                   | ..... | 147 |
| <i>No. of cases of Overcrowding not abated at end of 1946 :—</i> |       |     |
| No. of houses                                                    | ..... | 42  |
| No. of persons                                                   | ..... | 315 |

BOROUGH OF SWINDON.

EDUCATION COMMITTEE.

# ANNUAL REPORT

OF THE

## School Medical Officer

(THOMAS ROSS, M.B., Ch.B., D.P.H.)

For the Year 1946.

## BOROUGH OF SWINDON.

**EDUCATION COMMITTEE.**

Chairman—\*Councillor L. J. NEWMAN.

Vice-Chairman—\*Councillor R. G. CRIPPS.

**Members—**

\*THE MAYOR (Alderman G. H. SELMAN)

Alderman C. S. MACPHERSON      \*Councillor W. R. ROBINS

\*Alderman J. L. CALDERWOOD      Councillor C. E. TOMES

†Alderman A. M. BENNETT      \*Councillor (Mrs.) L. A. GRIFFIN

Councillor L. C. MOBEY      \*Councillor H. FIELD

Councillor H. W. PINNEGAR      Councillor P. KING

Councillor A. J. BOWN      \*Councillor H. V. BOND

\*Councillor H. W. GARDNER      \*Councillor H. DIMENT

Mr. F. W. HAWKSWORTH      Miss F. H. SHALLCROFT

\*Mr. H. WHITING      \*Mr. J. A. ARNOLD FORSTER, O.B.E.

\*Brig. K. M. F. HEDGES, C.B.E.      \*Mr. F. M. TAYLOR

\*Mr. W. J. DAVIS

*Borough Education Officer—*

Mr. H. DIBDEN, M.A., B.Sc., Barrister-at-Law.

\*Members of the Child Care Sub-Committee.

†Chairman of the Child Care Sub-Committee.

*To the Chairman and Members of the Education Committee of the  
Borough of Swindon.*

LADIES AND GENTLEMEN,

I have pleasure in presenting a report of the School Medical work for the Borough of Swindon for the year 1946.

A number of staff changes affecting the Department took place during the year. Dr. Llewellyn Roberts left Swindon in November, Dr. A. V. Crawford in September and Drs. B. Finch and K. Maxwell in February and October respectively. On the clerical side Mrs. E. M. Stephens resigned her post on 13th December, 1946.

Dr. J. P. Kelly and Dr. H. B. D. North commenced duties in October and in consequence of these medical staff changes, the number of children examined during the year was smaller than in 1945, and again restricted to the first and third age groups.

It will be noted from the Tables on pages 53 and 54 that the nutrition of children improved during 1946 and the percentage found to be slightly sub-normal fell to 3.9 in the first age group, and to 1.3 in the third age group.

With reference to the Table on page 16 dealing with Immunisation, it will be seen that a further 62 children between the ages of five and fifteen have been immunised during the year.

THOMAS ROSS,  
*Borough School Medical Officer.*



## CLASSIFICATION OF THE NUTRITION OF CHILDREN.

[illegible]

## CLASSIFICATION OF THE NUTRITION OF CHILDREN.

| AGE GROUPS             | No. of children examined | A (Excellent) |      | B (Normal) |      | A + B |      | C (Slightly sub-normal) |     | D (Bad) |     |
|------------------------|--------------------------|---------------|------|------------|------|-------|------|-------------------------|-----|---------|-----|
|                        |                          | No.           | %    | No.        | %    | No.   | %    | No.                     | %   | No.     | %   |
| <b>THIRD AGE GROUP</b> |                          |               |      |            |      |       |      |                         |     |         |     |
| 1935                   | 888                      | 152           | 17   | 670        | 76   | 822   | 92.6 | 65                      | 7   | 1       | —   |
| 1936                   | 930                      | 184           | 20   | 680        | 73   | 864   | 92.7 | 63                      | 7   | 3       | —   |
| 1937                   | 641                      | 171           | 26.7 | 434        | 67.7 | 605   | 94.4 | 35                      | 5.5 | 1       | .1  |
| 1938                   | 762                      | 198           | 26   | 536        | 70   | 734   | 96.3 | 28                      | 4   | —       | —   |
| 1939                   | 697                      | 237           | 34   | 434        | 62.2 | 671   | 96.3 | 26                      | 3.7 | —       | —   |
| 1940                   | 695                      | 237           | 34.1 | 429        | 61.7 | 666   | 95.8 | 29                      | 4.2 | —       | —   |
| Evacs :                | 236                      | 79            | 33.5 | 142        | 60.2 | 221   | 93.6 | 15                      | 6.4 | —       | —   |
| 1941                   | 1077                     | 310           | 28.8 | 695        | 64.5 | 1005  | 93.2 | 63                      | 5.9 | 9       | .8  |
| Evacs :                | 271                      | 92            | 33.9 | 168        | 62   | 260   | 95.9 | 11                      | 4.1 | —       | —   |
| 1942                   | 646                      | 168           | 26   | 422        | 65.3 | 590   | 91.3 | 51                      | 7.9 | 5       | .8  |
| Evacs :                | 42                       | 12            | 28.6 | 25         | 59.5 | 37    | 88   | 4                       | 9.5 | 1       | 2.4 |
| 1943                   | 626                      | 198           | 31.6 | 398        | 63.6 | 596   | 95.2 | 30                      | 4.8 | —       | —   |
| Evacs :                | 17                       | 5             | 29.4 | 11         | 64.7 | 16    | 94.1 | 1                       | 5.9 | —       | —   |
| 1944                   | 606                      | 188           | 31   | 392        | 64.7 | 580   | 95.7 | 26                      | 4.3 | —       | —   |
| 1945                   | 766                      | 250           | 32.6 | 474        | 61.9 | 724   | 94.5 | 42                      | 5.5 | —       | —   |
| 1946                   | 471                      | 134           | 28.4 | 331        | 70.3 | 465   | 98.7 | 6                       | 1.3 | —       | —   |
| <b>TOTALS</b>          |                          |               |      |            |      |       |      |                         |     |         |     |
| 1935                   | 2594                     | 392           | 15   | 1944       | 75   | 2336  | 90   | 256                     | 10  | 2       | —   |
| 1936                   | 2937                     | 524           | 17.8 | 2153       | 73.3 | 2677  | 91.1 | 246                     | 8.4 | 14      | .5  |
| 1937                   | 2039                     | 495           | 24.3 | 1390       | 68.1 | 1885  | 92.4 | 148                     | 7.3 | 6       | .3  |
| 1938                   | 2296                     | 528           | 23   | 1611       | 70   | 2139  | 93.1 | 154                     | 7   | 3       | —   |
| 1939                   | 1958                     | 566           | 28.9 | 1284       | 65.6 | 1850  | 94.5 | 108                     | 5.5 | —       | —   |
| 1940                   | 1744                     | 453           | 26   | 1178       | 67.5 | 1631  | 93.5 | 113                     | 6.5 | —       | —   |
| Evacs :                | 538                      | 137           | 25.5 | 355        | 66   | 492   | 91.4 | 46                      | 8.6 | —       | —   |
| 1941                   | 3260                     | 887           | 27.2 | 2158       | 66.2 | 3045  | 93.4 | 198                     | 6.1 | 17      | .5  |
| Evacs :                | 687                      | 195           | 28.4 | 458        | 66.7 | 653   | 95   | 33                      | 4.8 | 1       | .1  |
| 1942                   | 2486                     | 688           | 27.7 | 1631       | 65.6 | 2319  | 93.2 | 152                     | 6.1 | 15      | .6  |
| Evacs :                | 115                      | 32            | 27.8 | 76         | 66.1 | 108   | 93.9 | 5                       | 4.3 | 2       | 1.8 |
| 1943                   | 1585                     | 310           | 19.6 | 1184       | 74.7 | 1494  | 94.2 | 91                      | 5.7 | —       | —   |
| Evacs :                | 19                       | 5             | 26.3 | 13         | 68.4 | 18    | 94.7 | 1                       | 5.3 | —       | —   |
| 1944                   | 1599                     | 506           | 31.6 | 1022       | 63.9 | 1528  | 95.5 | 71                      | 4.4 | —       | —   |
| 1945                   | 2026                     | 645           | 31.8 | 1274       | 62.9 | 1919  | 94.7 | 107                     | 5.3 | —       | —   |
| 1946                   | 1506                     | 415           | 27.6 | 1044       | 69.3 | 1459  | 96.8 | 47                      | 3.1 | —       | —   |

# PRIMARY AND SECONDARY MODERN EDUCATION.

## STATISTICAL TABLES.

### Return of Medical Inspections 1946.

#### A.—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections :—

|                 |       |            |
|-----------------|-------|------------|
| Entrants        | ..... | *1035      |
| Third Age Group | ..... | 471        |
|                 |       | <hr/> 1506 |

Number of Other Routine Inspections ..... Nil.

NOTE.—\*including 406 "under 5's."

#### B.—OTHER INSPECTIONS.

Number of Special Inspections and Re-inspections 5944

**Classification of the Nutrition of Children Inspected during the year in the  
Routine Age Groups.**

| Age Groups        | Number<br>of<br>Children<br>Examined. | A<br>(Excellent) |      | B<br>(Normal) |      | C<br>(Slightly<br>Sub-<br>Normal) |     | D<br>(Bad) |   |
|-------------------|---------------------------------------|------------------|------|---------------|------|-----------------------------------|-----|------------|---|
|                   |                                       | No.              | %    | No.           | %    | No.                               | %   | No.        | % |
| "Under 5's." .... | 406                                   | 126              | 31   | 266           | 65.5 | 14                                | 3.5 | —          | — |
| "Entrants" ....   | 629                                   | 155              | 24.6 | 447           | 71   | 27                                | 4.4 | —          | — |
| "Leavers" ....    | 471                                   | 134              | 28.4 | 331           | 70.3 | 6                                 | 1.3 | —          | — |
| TOTAL ....        | 1506                                  | 415              | 27.6 | 1044          | 69.3 | 47                                | 3.1 | —          | — |

**Return of all Exceptional Children in the Area.**

| Category                   | At<br>Certified<br>Schools | At<br>Special<br>Schools | At<br>Ordinary<br>Schools | At<br>Independent<br>Schools | At no<br>School or<br>Institute |
|----------------------------|----------------------------|--------------------------|---------------------------|------------------------------|---------------------------------|
| Blind ....                 | 3                          | ....                     | ....                      | ....                         | ....                            |
| Partially Blind ....       | ....                       | 1                        | 1                         | ....                         | ....                            |
| Deaf ....                  | ....                       | 1                        | 1                         | ....                         | 1                               |
| Partially Deaf ....        | ....                       | ....                     | 1                         | ....                         | 1                               |
| Delicate ....              | ....                       | 1                        | ....                      | ....                         | ....                            |
| Diabetic ....              | ....                       | 1                        | ....                      | ....                         | ....                            |
| Multiple Disabilities .... | ....                       | ....                     | ....                      | 1                            | 1                               |
| Physically Handicapped     | ....                       | 1                        | 3                         | ....                         | 4                               |

**Educationally Sub-Normal Children.**

| At Certified<br>Schools | At<br>Public<br>Elementary<br>Schools | At<br>Other<br>Institutions | At<br>no School<br>or<br>Institution | Total |
|-------------------------|---------------------------------------|-----------------------------|--------------------------------------|-------|
| 19                      | 1                                     | 3                           | 1                                    | 24    |

## RETURN OF DEFECTS TREATED.

**Group I.—Minor Ailments (excluding Uncleanliness, for which see Group IV).**

2458 children suffered from Minor Ailments or Defects and received treatment. The Defects are classified as follows:—

|                      |       |      |
|----------------------|-------|------|
| Diseases of the skin | ..... | 1407 |
| Minor Eye Defects    | ..... | 389  |
| Minor Ear Defects    | ..... | 228  |
| Miscellaneous        | ..... | 434  |

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

| DEFECT OR DISEASE                                                                   | No. of Defects dealt with     |           |       |
|-------------------------------------------------------------------------------------|-------------------------------|-----------|-------|
|                                                                                     | Under the Authority's Scheme. | Otherwise | Total |
| Errors of Refraction<br>(including Squint)                                          | 481                           | —         | 481   |
| Other Defect or Disease of the<br>Eyes<br>(excluding those recorded in<br>Group I). | 67                            | —         | 67    |
| TOTAL                                                                               | 548                           | —         | 548   |

Total number of children for whom spectacles were prescribed:—

|                                  |       |     |
|----------------------------------|-------|-----|
| (a) Under the Authority's Scheme | ..... | 296 |
| (b) Otherwise                    | ..... | —   |

Total number of children who obtained or received spectacles:

|                                  |       |     |
|----------------------------------|-------|-----|
| (a) Under the Authority's Scheme | ..... | 287 |
| (b) Otherwise                    | ..... | 1   |

**Group III.—Treatment of Defects of Nose and Throat.**

## NUMBER OF DEFECTS.

| Received Operative Treatment  |                                                                        | Received other forms of Treatment. | Total Number Treated. |
|-------------------------------|------------------------------------------------------------------------|------------------------------------|-----------------------|
| Under the Authority's Scheme. | By Private Practitioner or Hospital apart from the Authority's Scheme. |                                    |                       |
| 66                            | —                                                                      | 346                                | 412                   |

**Group IV.—Uncleanliness and Verminous Conditions.**

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| (i) Average number of visits per school made during the year by the School Nurses .....         | 3.4   |
| (ii) Total Number of examinations of children in the Schools by School Nurses .....             | 15503 |
| (iii) Number of individual children found unclean .....                                         | 482   |
| (iv) Number of children cleansed under arrangements made by the Local Education Authority ..... | —     |
| (v) Number of cases in which legal proceedings were taken :—                                    |       |
| (a) Under the Education Act, 1921 .....                                                         | —     |
| (b) Under School Attendance Byelaws .....                                                       | —     |

**Group V.—Orthopaedic and Postural Defects.****UNDER THE AUTHORITY'S SCHEME.**

| Residential treatment with education. | Residential treatment without education. | Non-residential treatment at an orthopaedic clinic. | Total number treated. |
|---------------------------------------|------------------------------------------|-----------------------------------------------------|-----------------------|
| 11                                    | —                                        | 96                                                  | 96                    |

**SPEECH THERAPY.**

Therapist—Miss Gladys A. Jansson, of Bath, Associate of the British Society of Speech Therapists.

Clinics held weekly.

|                                                    |     |
|----------------------------------------------------|-----|
| Number of Clinics held .....                       | 38  |
| "    "    children seen .....                      | 49  |
| "    "    attendances made by these children ..... | 239 |

**TREATMENT OF DEFECTS OF NOSE, THROAT AND EAR AT SPECIAL CLINIC.**

|                                                                      |     |
|----------------------------------------------------------------------|-----|
| Number of cases referred for treatment .....                         | 429 |
| Number of Consultations .....                                        | 614 |
| Number of Attendances at Clinic .....                                | 630 |
| Number for whom operation for tonsils and adenoids was advised ..... | 74  |
| Number who received operation for tonsils and adenoids .....         | 54  |
| Number of other operations performed .....                           | 12  |
| Number of cases cured .....                                          | 160 |
| Number of cases remaining under observation or treatment .....       | 209 |
| Number of cases for whom no report is available .....                | 60  |

**TREATMENT OF SCABIES AT THE CLEANSING STATION.**

|                               |     |
|-------------------------------|-----|
| Number of Cases treated ..... | 214 |
| Number of attendances .....   | 290 |

**SCHOOL ACCIDENTS.**

There were 225 cases, mostly of a minor character, causing 455 attendances at the Clinic.

## SECONDARY GRAMMAR EDUCATION.

### NUMBER OF CHILDREN ATTENDING THE SWINDON SECONDARY GRAMMAR SCHOOLS INSPECTED DURING THE YEAR ENDED 31st DECEMBER, 1946.

#### ROUTINE MEDICAL INSPECTIONS.

|       |      |      |      |      |     |
|-------|------|------|------|------|-----|
| Boys  | .... | .... | .... | .... | 553 |
| Girls | .... | .... | .... | .... | 218 |
| Total | .... | .... | .... | .... | 771 |

|                                                     |      |      |      |     |
|-----------------------------------------------------|------|------|------|-----|
| Number of Special Inspections and<br>Re-inspections | .... | .... | .... | 761 |
|-----------------------------------------------------|------|------|------|-----|

## RETURN OF DEFECTS TREATED.

**Group I.—Minor Ailments.**

90 children suffered from Minor Ailments or Defects and received treatment. The Defects are classified as follows :—

|                      |    |
|----------------------|----|
| Diseases of the Skin | 12 |
| Minor Eye Defects    | 19 |
| Minor Ear Defects    | 18 |
| Miscellaneous        | 41 |

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

| DEFECT OR DISEASE                                                                   | No. of Defects dealt with.    |           |       |
|-------------------------------------------------------------------------------------|-------------------------------|-----------|-------|
|                                                                                     | Under the Authority's Scheme. | Otherwise | Total |
| Errors of Refraction<br>(including Squint)                                          | 170                           |           | 170   |
| Other Defect or Disease of the<br>Eyes<br>(excluding those recorded in<br>Group I). | 20                            |           | 20    |
| TOTAL                                                                               | 190                           |           | 190   |

Total number of children for whom spectacles were prescribed :

|                                  |    |
|----------------------------------|----|
| (a) Under the Authority's Scheme | 96 |
| (b) Otherwise                    | —  |

Total number of children who obtained or received spectacles :

|                                  |    |
|----------------------------------|----|
| (a) Under the Authority's Scheme | 91 |
| (b) Otherwise                    | 4  |

**Group III.—Treatment of Defects of Nose and Throat.**

| Number of Defects.            |                                                                        |                                   |                       |
|-------------------------------|------------------------------------------------------------------------|-----------------------------------|-----------------------|
| Received Operative Treatment. |                                                                        | Received other forms of Treatment | Total Number Treated. |
| Under the Authority's Scheme. | By Private Practitioner or Hospital apart from the Authority's Scheme. |                                   |                       |
| 4                             | —                                                                      | 18                                | 22                    |

**Group IV.—Orthopaedic and Postural Defects.**

Under the Authority's Scheme.

| Residential<br>Treatment with<br>education. | Residential<br>treatment without<br>education. | Non-residential<br>treatment at an<br>orthopaedic<br>clinic. | Total<br>number<br>treated |
|---------------------------------------------|------------------------------------------------|--------------------------------------------------------------|----------------------------|
| —                                           | —                                              | 27                                                           | 27                         |

**TREATMENT OF DEFECTS OF NOSE, THROAT AND EAR  
AT SPECIAL CLINIC**

|                                                                |    |
|----------------------------------------------------------------|----|
| Number of cases referred for treatment                         | 33 |
| Number of consultations                                        | 65 |
| Number of attendances at Clinic                                | 68 |
| Number for whom operation for tonsils and adenoids was advised | 2  |
| Number who received operation for tonsils and adenoids         | 3  |
| Number of other operations performed                           | 1  |
| Number of cases cured                                          | 18 |
| Number of cases remaining under observation or treatment       | 12 |
| Number of cases for whom no report is available                | 3  |

**SCHOOL ACCIDENTS.**

There were 59 cases, mostly of a minor character, causing 98 attendances at the Clinic.

**SPEECH THERAPY.**

Miss Gladys A. Jansson, the Speech Therapist, saw 3 children during the year, and they made a total of 17 attendances at her Clinics.

## REPORT OF THE SCHOOL DENTAL SURGEON.

(W. KENYON BERRIE, L.D.S., R.F.P.S.(G.))

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

LADIES AND GENTLEMEN,

I have pleasure in presenting the Annual Report on Dental Inspection and Treatment for the Year, 1946.

9,579 children were inspected in the Primary and Secondary Modern Schools.

5,004 were found to require treatment.

3,710 were actually treated, making

7,655 attendances.

1,388 pupils were examined in the Secondary Grammar Schools.

688 were found to require treatment.

444 were actually treated, making

1,131 attendances.

From the Maternity Child Welfare Centres :

206 were treated.

240 children attendances and

250 Mothers' attendances.

The Commercial, Building and Engineering Classes were also inspected and treated, and a visit was made to a Day Nursery.

Mr. Bruce Ferguson, L.D.S., temporarily assisted us until Mr. G. B. Westwater, L.D.S., returned from the Royal Army Dental Corps on 1st May, 1946. Mrs. H. James resigned as a dental attendant in February, 1946. Miss C. Hayward and Miss M. Mills were appointed as dental attendants in April, 1946. Mr. K. W. Massey, L.D.S., left to take an appointment with the Devon County Council at the end of the year, after 16 years' service in Swindon, a service which was greatly appreciated, and we wish him every success in his new post.

Appended are the Statistical Tables of the various groups.

I wish to thank all the Staff of the Health Department and Teachers for the willing help and co-operation they have given us during the year.

W. KENYON BERRIE,  
*Senior Dental Officer.*

# DENTAL INSPECTION AND TREATMENT.

## Primary and Secondary Modern Education.

(1) Number of inspection made by the Dentists :—

(a) Routine age-groups :

| Age | 3  | 4   | 5   | 6   | 7   | 8    | 9    | 10   | 11  | 12  | 13  | 14  | 15 |
|-----|----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|----|
| No. | 46 | 402 | 837 | 997 | 940 | 1064 | 1070 | 1108 | 918 | 920 | 798 | 440 | 3  |

TOTAL 9543

(b) Specials 36

Total (Routine and Specials) 9579

(2) Number found to require treatment 5004

(3) Number actually treated 3710

(4) Attendances made by children for treatment 7655

(5) Half-days devoted to—Inspection 100  
Treatment 1143

Total 1243

(6) Fillings—Permanent Teeth 1957  
Temporary Teeth 40

Total 1997

(7) Extractions—Permanent Teeth 367  
Temporary Teeth 2526

Total 2893

(8) Administration of general anaesthetics for extraction 821

(9) Other Operations—Permanent Teeth 445  
Temporary Teeth 3662

Total 4107

Scalings 91

Regulation Appliances 3

**DENTAL INSPECTION AND TREATMENT.****Secondary Grammar and Further Education.**

(1) Number of inspections made by the Dentists :—

(a) Routine age-groups :

| Age 10 | 11 | 12  | 13  | 14  | 15  | 16  | 17 | 18 | 19 |
|--------|----|-----|-----|-----|-----|-----|----|----|----|
| 1      | 57 | 194 | 277 | 267 | 273 | 193 | 81 | 40 | 3  |

TOTAL 1386

(b) Specials 2

Total (Routine and Specials) 1388

(2) Number found to require treatment 668

(3) Number actually treated 444

(4) Attendances made by children for treatment 1131

(5) Half-days devoted to—Inspection 13  
Treatment 150

Total 163

(6) Fillings—Permanent Teeth 714  
Temporary Teeth —

Total 714

(7) Extractions—Permanent Teeth 169  
Temporary Teeth 74

Total 243

(8) Administration of general anaesthetics for extraction 112

(9) Other Operations—Permanent Teeth 31  
Temporary Teeth 54

Total 85

Scalings 2

Dentures — partial 1

## SUMMARY OF RESULTS OF DENTAL INSPECTION AT THE SECONDARY GRAMMAR SCHOOLS, YEAR 1946.

| Secondary School.   | ENTRANTS              |                               | RE-INSPECTIONS        |                               | Total Number of Inspections | Total Number referred for treatment | Number free from caries |
|---------------------|-----------------------|-------------------------------|-----------------------|-------------------------------|-----------------------------|-------------------------------------|-------------------------|
|                     | Number of Inspections | Number referred for treatment | Number of Inspections | Number referred for treatment |                             |                                     |                         |
| The Commonweal .... | 52                    | 26                            | 823                   | 343                           | 875                         | 369                                 | 506                     |
| The Headlands ....  | 51                    | 36                            | 460                   | 263                           | 511                         | 299                                 | 212                     |
| TOTALS ....         | 103                   | 62                            | 1283                  | 606                           | 1386                        | 668                                 | 718                     |

Percentage of Entrants requiring treatment ..... 60%  
 " " Children re-inspected requiring treatment ..... 47.3%  
 " " total number of children requiring treatment ..... 48.2%

# DENTAL INSPECTION AND TREATMENT.

## Day Commercial School.

(1) Number of inspections made by the Dentists—

(a) Routine age-groups :

| Age 14 | 15 | 16 | 17 | 18 |
|--------|----|----|----|----|
| 61     | 75 | 27 | 5  | 1  |

TOTAL ..... 169

(b) Specials ..... —

TOTAL (Routine and Specials) ..... 169

(2) Attendances made by children for treatment ..... 62

(3) Half-days devoted to—Inspection ..... 2

(4) Fillings—Permanent Teeth ..... 29  
Temporary Teeth ..... —

TOTAL ..... 29

(5) Extractions—Permanent Teeth ..... 17  
Temporary Teeth ..... —

TOTAL ..... 17

(6) Administrations of general anaesthetics for  
extractions ..... 8

(7) Other Operations—Permanent Teeth ..... 4  
Temporary Teeth ..... 4

TOTAL ..... 8



# DENTAL INSPECTIONS AND TREATMENT.

## Engineering and Building School.

|                                                             |      |      |      |      |      |      |     |
|-------------------------------------------------------------|------|------|------|------|------|------|-----|
| (1) Number of inspections made by the Dentists :—           |      |      |      |      |      |      |     |
| (a) Routine                                                 | .... | .... | .... | .... | .... | .... | 108 |
| (b) Specials                                                | .... | .... | .... | .... | .... | .... | —   |
| Total (Routine and Specials)                                |      |      |      |      |      |      | 108 |
|                                                             |      |      |      |      |      |      |     |
| (2) Number found to require treatment                       | .... | .... | .... | .... | .... | .... | 45  |
| (3) Number actually treated                                 | .... | .... | .... | .... | .... | .... | 13  |
| (4) Attendances made by children for treatment              | .... | .... | .... | .... | .... | .... | 41  |
| (5) Half-days devoted to Inspection                         | .... | .... | .... | .... | .... | .... | 2   |
| (6) Fillings—Permanent teeth                                | .... | .... | .... | .... | .... | .... | 27  |
| Temporary teeth                                             | .... | .... | .... | .... | .... | .... | —   |
| Total                                                       |      |      |      |      |      |      | 27  |
|                                                             |      |      |      |      |      |      |     |
| (7) Extractions—Permanent teeth                             | .... | .... | .... | .... | .... | .... | 5   |
| Temporary teeth                                             | .... | .... | .... | .... | .... | .... | 1   |
| Total                                                       |      |      |      |      |      |      | 6   |
|                                                             |      |      |      |      |      |      |     |
| (8) Administrations of general anaesthetics for extractions | .... | .... | .... | .... | .... | .... | 4   |
|                                                             |      |      |      |      |      |      |     |
| (9) Other operations—Permanent teeth                        | .... | .... | .... | .... | .... | .... | 2   |
| Temporary teeth                                             | .... | .... | .... | .... | .... | .... | 7   |
| Total                                                       |      |      |      |      |      |      | 9   |
|                                                             |      |      |      |      |      |      |     |
| Scalings                                                    | .... | .... | .... | .... | .... | .... | 3   |

## SUMMARY OF RESULTS OF DENTAL INSPECTION AT THE ENGINEERING AND BUILDING SCHOOL, YEAR 1946.

|                        | ENTRANTS              |                               | RE-INSPECTIONS        |                               | Total number of Inspections | Total number referred for Treatment | Number free from Caries |
|------------------------|-----------------------|-------------------------------|-----------------------|-------------------------------|-----------------------------|-------------------------------------|-------------------------|
|                        | Number of Inspections | Number referred for Treatment | Number of Inspections | Number referred for Treatment |                             |                                     |                         |
| MAY—Inspect. ....      | 4                     | 2                             | 41                    | 18                            | 45                          | 20                                  | 25                      |
| DECEMBER—Inspect. .... | 11                    | 6                             | 52                    | 19                            | 63                          | 25                                  | 38                      |
| TOTALS                 | 15                    | 8                             | 93                    | 37                            | 108                         | 45                                  | 63                      |

Percentage of entrants requiring treatment .... 53%  
 " " children re-inspected requiring treatment .... 40%  
 " " total number of children requiring treatment .... 41%



