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BOROUGH OF ROYAL TUNBRIDGE WELLS.

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# ANNUAL REPORT

OF THE


## Medical Officer of Health

FOR THE YEAR 1947.

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P. A. CROWLEY, M.B., Ch.B., B.A.O., D.P.H.





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Borough of Royal Tunbridge Wells.



# ANNUAL REPORT

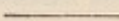
OF THE

MEDICAL OFFICER OF HEALTH

For the Year 1947.



**P. A. CROWLEY, M.B., Ch.B., B.A.O., D.P.H.**



**Tunbridge Wells:**  
BALDWIN, GROSVENOR ROAD  
2305-48



# BOROUGH OF ROYAL TUNBRIDGE WELLS.

## HEALTH COMMITTEE :

(Constitution at 31st December, 1947).

THE MAYOR (Alderman J. A. SARGENT).  
 Councillor Miss M. B. WELLS (Chairman).  
 Alderman Miss R. M. BAKER. Councillor F. ELMER.  
 Councillor L. S. BERWICK, J.P. Councillor A. T. GOULDEN.  
 Councillor R. E. TOMSON.

## Co-opted Members :

Mrs. DAWES, Mrs. HARVEY, Dr. M. I. HOUNSFIELD,  
 Miss E. WADDILOVE.

## STAFF OF PUBLIC HEALTH DEPARTMENT :

Medical Officer of Health ; Medical Officer for Maternity and Child Welfare ;  
 Medical Superintendent, Infectious Diseases Hospital ; Medical Officer, Day  
 Nursery—

P. A. CROWLEY, M.B., Ch.B., B.A.O., D.P.H.

## Assistant Medical Officer of Health :

ELEANOR HENDERSON, M.B., Ch.B., D.P.H. (*appointed 17/3/47*).

## Dental Surgeon:

A. W. McCARTHY, L.D.S. (V.U. Manc.).

## Dental Nurse Attendant:

Mrs. M. HARVEY (*resigned 6/47*).  
 Miss J. BAILLIE (*appointed 1/5/47*).

## Senior Sanitary Inspector :

W. P. CAVE, C.R.S.I., M.S.I.A., Meat and Food Cert.

## Sanitary Inspectors :

A. BARNETT, C.R.S.I., M.S.I.A., Meat and Food Cert.  
 T. ELLISON, C.R.S.I., M.S.I.A., Meat and Food Cert.  
 T. STEEL, C.R.S.I., M.S.I.A., Meat and Food Cert.

## Health Visitors :

Miss M. BEER. Miss M. McLAREN.  
 Miss R. RAYBOULD. Miss E. RICE-OXLEY.  
 Miss J. DONALDSON.

## Matron, Infectious Diseases Hospital :

Miss M. AITCHISON, R.F.N.

## Matron, Day Nursery :

Miss E. M. JARRETT (*appointed 17/3/47*).

## Deputy Matron :

Miss P. SIBLEY.



**Clerical Staff.****Administrative Assistant :**

H. M. COLES.

**Chief Clerk :**

C. H. WEEKES.

**Second Clerk :**

Mrs. D. E. TEBBIT.

**Shorthand-Typist :**

Miss I. A. PEARSON.

**Clerks :**

D. A. BARMBY.

Miss P. BURBIDGE.

**Clerk for Sale of D.F. and O.J. :**

Miss P. GIBBONS.

**Rodent Operators :**

B. E. MANN. E. SMITHERMAN.

**Clinic Caretakers :**

Mr. and Mrs. W. GIBBONS.

**Relief Caretaker :**

Miss P. GIBBONS.

**Domestic—Home Helps Supervisor :**

Mrs. F. SMITH (Part-time).

---

**PART-TIME APPOINTMENTS.****Orthopaedic Surgeon :**

\*W. H. GERVIS, M.A., M.B., B.Ch., F.R.C.S.

**Ophthalmic Surgeon :**

\*J. COGAN, M.B., Ch.B., D.O. (Oxon.).

**Aural Surgeon :**

\*J. SYMONS, M.R.C.S., L.R.C.P.

**Masseuse :**

\*Mrs. D. HUNT TREWEEK.

**Public Analyst :**

A. H. M. MUTER, F.I.C.

\* County Staff employed locally



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**BOROUGH OF ROYAL TUNBRIDGE WELLS.**

PUBLIC HEALTH DEPARTMENT,  
TOWN HALL,  
TUNBRIDGE WELLS.

*To the Mayor, Aldermen and Councillors of the  
Borough of Royal Tunbridge Wells.*

MY. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report of the Medical Officer of Health for the Borough of Royal Tunbridge Wells.

The Report refers to the calendar year 1947, and, generally speaking, discloses a satisfactory position. This Report is the last complete Annual Report which will be made in respect of the Borough of Royal Tunbridge Wells as an autonomous welfare authority. There will, of course, be an interim report for the period 1st January to 5th July, 1948, and thereafter the Annual Reports will be confined to those functions which are still left to the Local Authority—these being connected mainly with the control of Infectious Disease, the sanitary circumstances of the area, and the supervision and inspection of food.

During the late summer and autumn there was a widespread outbreak of Acute Anterior Poliomyelitis (Infantile Paralysis) throughout the country. A paragraph describing the outbreak as far as it affected this area will be found elsewhere in the Report.

Although giving cause for anxiety at the time of its occurrence, I feel that Tunbridge Wells was fortunate both in the number of cases that were notified and in the number of cases with severe degrees of paralysis.



I would like to take this opportunity of thanking the members of the Council, and especially the Chairman and members of the Health Committee, for their kind interest in the working of the Department and to express my thanks to the other chief officers for their co-operation. My thanks are due also to the staffs of this Department, the Isolation Hospital and the Day Nursery, for their loyal and conscientious work throughout the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

P. A. CROWLEY,  
*Medical Officer of Health.*



## SECTION 1.

SUMMARY OF GENERAL STATISTICS AND PHYSICAL  
FEATURES.

## 1 (a)—Summary of Statistics.

## 1 (a)—(i) GENERAL.

Area : 6,034 acres.

Population : 37,870.

Density of population, *i.e.*, number of persons per acre : 6.27.

Number of inhabited houses : 11,396.

Rateable value, 1947 : £485,774.

Sum produced by a penny rate : £1,930 19s. 4.52d.

Mean Annual Temperature : 49.2°.

Hours of Bright Sunshine, 1947 : 1,814 hours 48 minutes.

Total Rainfall, 1947 : 25.29 inches.

## 1 (a)—(ii) BIRTHS.

| <i>Live Births (Registered) :</i> |     | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
|-----------------------------------|-----|---------------|--------------|----------------|
| Legitimate                        | ... | 641           | 345          | 296            |
| Illegitimate                      | ... | 54            | 29           | 25             |
|                                   |     | 695           |              |                |

Live birthrate per 1,000 population : 18.35

Corresponding rate for 1946 : 18.6.

| <i>(a)—(iii) Stillbirths :</i> |     | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
|--------------------------------|-----|---------------|--------------|----------------|
| Legitimate                     | ... | 15            | 10           | 5              |
| Illegitimate                   | ... | 5             | 2            | 3              |
|                                |     | 20            |              |                |

Still birth rate per 1,000 births : 28.7.



## 1 (a)—(iv) DEATHS.

Males : 274. Females : 386. Total : 660.

Crude death rate per thousand of population : 17.6.

Corresponding rate for 1946 : 16.5.

## 1 (a)—(v) Number of women dying in, or in consequence

of child birth : ... Nil

Maternal mortality per 1,000 total registered

births : ... Nil

Comparative figure for England and Wales : 1.17

## 1 (a)—(vi) INFANTILE MORTALITY.

Deaths of infants under one year of age :—

|                  | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
|------------------|---------------|--------------|----------------|
| Legitimate ...   | 23            | 8            | 15             |
| Illegitimate ... | 3             | —            | 3              |

Death rate of infants under one year of age per 1,000 live births : 37.4. (1946 : 55.6.)

## 1 (a)—(vii) Total number of deaths from :— 1946 1947

|                               |    |   |
|-------------------------------|----|---|
| Measles (all ages) ...        | —  | — |
| Whooping-cough (all ages) ... | —  | 1 |
| Diarrhoea (under 2 years) ... | 19 | 7 |



1 (b)—Table showing Summary of Causes of Death during the year ended 31st December, 1947.

| No.                     | Cause of Death.   | Male. | Female. | Total. |
|-------------------------|---|-------|---------|--------|
| 1                       | Typhoid Fever, etc. ... ..  | —     | —       | —      |
| 2                       | Cerebro-spinal Fever ... ..                                       | 1     | —       | 1      |
| 3                       | Scarlet Fever ... ..  | —     | —       | —      |
| 4                       | Whooping-cough ... ..   | —     | 1       | 1      |
| 5                       | Diphtheria ... ..   | —     | —       | —      |
| 6                       | Tuberculosis of respiratory system ...                            | 6     | 6       | 12     |
| 7                       | Other forms of Tuberculosis ... ..                                | 1     | 4       | 5      |
| 8                       | Syphilitic Diseases ... ..  | 4     | —       | 4      |
| 9                       | Influenza ... ..  | 4     | 3       | 7      |
| 10                      | Measles ... ..  | —     | —       | —      |
| 11                      | Acute Poliomyelitis and Polioencephalitis                         | 1     | —       | 1      |
| 12                      | Acute Infectious Encephalitis ... ..                              | —     | 1       | 1      |
| 13                      | Cancer of Buccal Cav., and Oesophagus<br>(M.), Uterus (F.) ... .. | 3     | 1       | 4      |
| 14                      | Cancer of Stomach and Duodenum ...                                | 3     | 8       | 11     |
| 15                      | Cancer of Breast ... ..   | —     | 15      | 15     |
| 16                      | Cancer of all other sites ... ..                                  | 34    | 29      | 63     |
| 17                      | Diabetes ... ..   | —     | 4       | 4      |
| 18                      | Intra-cranial Vascular Lesions ... ..                             | 38    | 72      | 110    |
| 19                      | Heart Disease ... ..  | 74    | 111     | 185    |
| 20                      | Other diseases of Circulatory System ...                          | 11    | 22      | 33     |
| 21                      | Bronchitis ... ..   | 14    | 6       | 20     |
| 22                      | Pneumonia ... ..  | 12    | 17      | 29     |
| 23                      | Other Respiratory Diseases ... ..                                 | 4     | 3       | 7      |
| 24                      | Ulcer of Stomach and Duodenum ...                                 | 4     | 2       | 6      |
| 25                      | Diarrhoea (under 2 years) ... ..                                  | 1     | 6       | 7      |
| 26                      | Appendicitis ... ..   | 1     | 1       | 2      |
| 27                      | Other Digestive Diseases ... ..                                   | 10    | 13      | 23     |
| 28                      | Nephritis ... ..  | 10    | 9       | 19     |
| 29                      | Puerperal and Post-abortive Sepsis ...                            | —     | —       | —      |
| 30                      | Other Maternal causes ... ..                                      | —     | —       | —      |
| 31                      | Premature Birth ... ..  | 3     | 5       | 8      |
| 32                      | Congenital Malformation, Birth Injury,<br>Infantile Dis. ... ..   | 2     | 6       | 8      |
| 33                      | Suicide ... ..  | 4     | 4       | 8      |
| 34                      | Road Traffic Accidents ... ..                                     | 5     | —       | 5      |
| 35                      | Other violent causes ... ..                                       | 2     | 7       | 9      |
| 36                      | All other causes ... ..   | 22    | 30      | 52     |
| TOTAL ALL CAUSES ... .. |   | 274   | 386     | 660    |



1 (c)—TABLE SHOWING BIRTH-RATE, DEATH-RATE AND ANALYSIS OF MORTALITY DURING THE YEAR 1947.

|  | RATE PER 1,000<br>TOTAL POPULATION |                   | ANNUAL DEATH-RATE PER 1,000 POPULATION |                                 |                |          |                   |                     |             |            | RATE PER 1,000<br>LIVE BIRTHS.                       |                                     |
|--|------------------------------------|-------------------|--|---------------------------------|----------------|----------|-------------------|---------------------|-------------|------------|--|-------------------------------------|
|  | Live<br>Births.                    | Still-<br>Births. | All<br>Causes.                         | Typhoid<br>or Para-<br>typhoid. | Small-<br>pox. | Measles. | Scarlet<br>Fever. | Whooping-<br>cough. | Diphtheria. | Influenza. | Diarrhoea<br>and En-<br>teritis (un-<br>der 2 yrs.). | Total<br>Deaths<br>Under<br>1 year. |
| England and Wales ... ..   | 20.5                               | 0.50              | 12.0                                   | 0.00                            | 0.00           | 0.01     | 0.00              | 0.02                | 0.01        | 0.09       | 5.8  | 41                                  |
| 126 County Boroughs and Great<br>Towns, including London ...                         | 23.3                               | 0.62              | 13.0                                   | 0.00                            | 0.00           | 0.02     | 0.00              | 0.03                | 0.01        | 0.09       | 8.0  | 47                                  |
| 148 Smaller Towns (Resident Popu-<br>lation 25,000 to 50,000, 1931<br>Census) ... .. | 22.2                               | 0.54              | 11.9                                   | 0.00                            | 0.00           | 0.02     | 0.00              | 0.02                | 0.01        | 0.08       | 3.7  | 36                                  |
| London Administrative County ...   | 22.7                               | 0.49              | 12.8                                   | 0.00                            | 0.00           | 0.01     | 0.00              | 0.02                | 0.01        | 0.08       | 4.8  | 37                                  |
| TUNBRIDGE WELLS ...<br>(Registrar-General's estimated<br>population).                | 18.35                              | 0.52              | 17.6                                   | 0.00                            | 0.00           | 0.00     | 0.00              | 0.02                | 0.00        | 0.18       | 10.07  | 37.4                                |



### 1 (d)—Physical Features and General Character.

The Borough covers over 6,000 acres and is exceptionally well wooded, with a considerable amount of pasturage in the southern portion. It lies high, most of the houses standing at a level between 300 and 450 feet above the sea. Its climate is therefore breezy and bracing, with sheltered areas in the valleys. The lowest point is 220 feet above sea level, the highest 500 feet, at Blackhurst Collecting Reservoir. It lies in the extreme south-west corner of Kent,  $34\frac{1}{2}$  miles from London. The sub-soil is mostly sandstone—the geological layer known as Tunbridge Wells Sandstone predominating; there are several clay patches—the largest towards the north end of the Borough. Hence comes the great variety of the vegetation—fir trees, birches and heather on the sandstone surfaces; oaks, beech, and all types of broad-leaved trees where clay patches intervene between the surface loam and the sandstone.

The water supplies are drawn partly from protected springs in sweet chestnut woods to the south-east of the Borough, and largely from borewells into a deep sandstone layer—the Hastings Bed of Sandstone, whose nearest outcrops are in Ashdown Forest. The water is pure and soft; that obtained from the deep borewells passes through Candy pressure filters to remove its iron content before it is delivered to the town. All the water supply is chlorinated before entering the mains.

There are no industries of a large industrial type in the Borough, which is completely residential in character.

### 1 (e)—Population.

The population at mid-year, 1947, is estimated by the Registrar-General as 37,870; an increase of 310 over figure for 1946.



Compared with the figures for 1946 (37,560) and 1945 (35,110), it is possible that the figure of 37,870 is a conservative estimate of the population of the town for mid-year 1947. The number of births in the past few years, combined with the undoubted influx into the town as revealed by the many new applications to the Council's Housing Lists, and the transfer of Health Visitors' records, tends to an impression that the actual population figure might well be more than stated.

#### 1 (f)—Births.

Registered Live Births number 695 and Still Births 20 during the year. These figures which are given on page 8, do not completely agree with the figure of notified births, which is recorded and calculated locally. This latter figure adjusted for inward and outward transfers is totalled as 691 live births and 19 still births. The Registrar-General commenting on this, states: "The number of live births and still births are those registered during the calendar year adjusted for inward and outward transfers. They will differ, therefore, from adjusted figures compiled locally either for the calendar year or for a period of 52 weeks."

The actual number of live births registered was only six less than in 1946, and reference to page 13 of the Annual Report for 1946 shows that the total live births for that year was the highest ever recorded.

Reference to the various tables shows details which reflect the strain put upon hospital and maternity bed accommodation and on the District Midwives.

#### 1 (g)—Deaths.

There were 660 deaths, giving a crude death rate per 1,000 population of 17.6 as compared with 16.5 for 1946. This is a high death rate, when compared with the



figures for England and Wales as a whole (12.0) and other parts of the country, but allowances must be made for the age distribution of the population in a town such as Tunbridge Wells. The Registrar-General, commenting upon this fact (Population), states that the absence of a comparability factor permits only a crude rate to be calculated.

It is most gratifying again to record that no maternal deaths were registered for the year.

Deaths of infants under one year of age totalled 26 as against 39 in 1946. This gives an infantile mortality rate of 37.4, as against 55.6. The figure for 1947 compares most satisfactorily with figures for England and Wales (41).

#### 1 (h)—Deaths of Infants under one year of age.

During 1947, 26 infants died under one year of age. Of these eight were boys and 18 were girls. The following table analyses the causes of death :—

|                          |     |     |     |     |     |   |
|--------------------------|-----|-----|-----|-----|-----|---|
| Prematurity              | ... | ... | ... | ... | ... | 8 |
| Atelectasis              | ... | ... | ... | ... | ... | 1 |
| Diarrhoea and Vomiting   | ... | ... | ... | ... | ... | 1 |
| Gastro-Enteritis         | ... | ... | ... | ... | ... | 5 |
| Broncho-Pneumonia        | ... | ... | ... | ... | ... | 1 |
| Injury at Birth          | ... | ... | ... | ... | ... | 2 |
| Meningitis Meningococcal | ... | ... | ... | ... | ... | 1 |
| Cong. Deformities        | ... | ... | ... | ... | ... | 2 |
| Other Causes             | ... | ... | ... | ... | ... | 5 |

#### 1 (i)—Maternal Mortality.

No deaths occurred during 1947 from the conditions associated with child birth.



## SECTION 2.

## INFECTIOUS DISEASES.

## 2 (a)—Notifiable Diseases.

Five hundred and ninety-one cases of infectious disease were notified during 1947. The following tables give details of the seasonal and age incidence of, and the mortality from, these notifiable diseases :—

## 2 (a)—(i) Seasonable Incidence of Notifiable Infectious Diseases, 1947.

| DISEASES.   | Jan. | Feb. | Mar. | Apl. | May | Jun. | July | Aug. | Sep. | Oct. | Nov. | Dec. | Totals |
|---|------|------|------|------|-----|------|------|------|------|------|------|------|--------|
| Scarlet Fever ...   | 2    | 4    | 4    | 1    | 1   | 1    | 2    | —    | —    | 2    | 1    | 6    | 24     |
| Diphtheria ...  | 2    | —    | —    | —    | —   | —    | —    | 2    | —    | —    | —    | —    | 4      |
| Pneumonia ...   | 8    | 6    | 3    | 1    | 1   | —    | —    | —    | —    | —    | 1    | 1    | 21     |
| Puerperal Pyrexia ...                                     | —    | 1    | —    | —    | 1   | —    | —    | 1    | 1    | —    | 1    | 1    | 6      |
| Erysipelas ...  | 2    | —    | 3    | 1    | —   | 2    | —    | —    | 1    | 2    | 2    | 3    | 16     |
| Whooping Cough ...  | 4    | 8    | 10   | 12   | 21  | 8    | 2    | 1    | 2    | 2    | 4    | 7    | 81     |
| Ophthalmia Neonatorum ...                                 | —    | —    | —    | —    | —   | —    | —    | —    | —    | —    | —    | 1    | 1      |
| Measles ...   | 16   | 98   | 138  | 42   | 46  | 74   | 11   | 4    | —    | —    | —    | —    | 429    |
| Cerebro Spinal Fever (including Meningococcal Meningitis) | —    | —    | —    | 1    | —   | —    | —    | —    | —    | —    | —    | —    | 1      |
| Acute Anterior Poliomyelitis ...                          | —    | —    | —    | —    | —   | —    | —    | 1    | 1    | —    | 4    | —    | 6      |
| Dysentery (Sonne) ...                                     | —    | 1    | —    | 1    | —   | —    | —    | —    | —    | —    | —    | —    | 2      |
| Pem. Neonatorum ...                                       | —    | —    | —    | —    | —   | —    | —    | —    | —    | —    | —    | —    | —      |
|   | 34   | 118  | 158  | 59   | 70  | 85   | 15   | 9    | 5    | 6    | 13   | 19   | 591    |



2 (a) ii—AGES, ETC., OF CASES OF NOTIFIABLE INFECTIOUS DISEASES, 1947.

| Disease.  | Total cases Notified. (All ages). | Under 1 year. | 1 year and under 2 years. | 2 years and under 3 years. | 3 years and under 4 years. | 4 years and under 5 years. | 5 years and under 10 years. | 10 years and under 15 years. | 15 years and under 20 years. | 20 years and under 35 years. | 35 years and under 45 years. | 45 years and under 65 years. | 65 years and over | Age not given. | Cases admitted to hospital. | Deaths (In-habitants only). |
|---|-----------------------------------|---------------|---------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------|----------------|-----------------------------|-----------------------------|
| Diphtheria ...  | 4                                 | —             | —                         | —                          | —                          | —                          | 1                           | —                            | —                            | 2                            | 1                            | —                            | —                 | —              | 4                           | —                           |
| Scarlet Fever ...   | 24                                | —             | 1                         | 2                          | —                          | 3                          | 12                          | 1                            | 2                            | 1                            | —                            | —                            | —                 | —              | 18                          | —                           |
| Pneumonia ...   | 21                                | 2             | 3                         | —                          | —                          | —                          | 1                           | 3                            | —                            | —                            | 2                            | 5                            | 5                 | —              | —                           | 29                          |
| Puerperal Pyrexia ...                                     | 6                                 | —             | —                         | —                          | —                          | —                          | —                           | —                            | —                            | 6                            | —                            | —                            | —                 | —              | 2                           | —                           |
| Erysipelas ...  | 16                                | —             | —                         | —                          | —                          | —                          | —                           | —                            | —                            | 4                            | 2                            | 5                            | —                 | —              | —                           | —                           |
| Whooping-cough  | 81                                | 7             | 9                         | 17                         | 17                         | 10                         | 20                          | —                            | —                            | 1                            | —                            | —                            | —                 | —              | 1                           | 1                           |
| Ophthalmia  | —                                 | —             | —                         | —                          | —                          | —                          | —                           | —                            | —                            | —                            | —                            | —                            | —                 | —              | —                           | —                           |
| Neonatorum  | 1                                 | 1             | —                         | —                          | —                          | —                          | —                           | —                            | —                            | —                            | —                            | —                            | —                 | —              | —                           | —                           |
| Measles ...   | 429                               | 11            | 19                        | 35                         | 52                         | 47                         | 201                         | 34                           | 12                           | 11                           | 4                            | 1                            | —                 | 2              | 3                           | —                           |
| Cerebro Spinal Fever (including Meningococcal Meningitis) | —                                 | —             | —                         | —                          | —                          | —                          | —                           | —                            | —                            | —                            | —                            | —                            | —                 | —              | —                           | —                           |
| Acute Anterior Poliomyelitis                              | 6                                 | —             | 1                         | —                          | —                          | —                          | 3                           | —                            | 1                            | 1                            | —                            | —                            | —                 | —              | 1                           | 1                           |
| Dysentery (Sonne) ...                                     | 2                                 | —             | —                         | —                          | —                          | —                          | —                           | —                            | —                            | —                            | 1                            | —                            | 1                 | —              | —                           | —                           |
| Pem. Neonatorum   | —                                 | —             | —                         | —                          | —                          | —                          | —                           | —                            | —                            | —                            | —                            | —                            | —                 | —              | —                           | —                           |
| Totals ...  | 591                               | 22            | 33                        | 54                         | 71                         | 60                         | 238                         | 38                           | 15                           | 26                           | 10                           | 11                           | 11                | 2              | 33                          | 32                          |



**2 (b)—Scarlet Fever.**

Twenty-four cases were notified, as compared with 46 during 1946.

**2 (c)—Diphtheria.**

Four mild cases of Diphtheria were dealt with during the year.

**2 (d)—Measles and Whooping Cough.**

Four hundred and twenty-nine cases of Measles and 81 cases of Whooping Cough were notified during the year, as compared with 41 Measles and 75 Whooping Cough during 1946.

**2 (e)—Acute Anterior Poliomyelitis.**

Between the 26th July and the 11th November, 1947, 19 cases of proved or suspected Poliomyelitis were dealt with by the Department. Of these 14 were residents within the Borough, and five were either temporarily resident in the Borough, or were working in the district and living elsewhere.

A subsequent enquiry revealed that ten of the 14 patients had a confirmed diagnosis of Acute Anterior Poliomyelitis. Of these, two had only a temporary paralysis, five have persistent paralysis of varying degree, one patient died, and in the two remaining cases no paralysis occurred.

The preventive measures as prescribed by the Ministry of Health from time to time were complied with, while additional local measures were :—

- (a) Super chlorination of swimming bath.
- (b) More frequent washing of streets carried out by the Borough Surveyor's Department.
- (c) Spraying of the Maidstone & District buses which was carried out with the kind co-operation of the Maidstone & District Bus Company.



A considerable volume of work was undertaken by the medical officers and other members of the staff of the Department in checking up on contacts, and advising neighbouring authorities. In two cases, circular letters were sent to the parents of school children giving advice as to the control of contacts. Liaison with neighbouring medical officers and with the Kent County Public Health Department was close and continuous, and the active co-operation of the Medical Superintendents of the Kent and Sussex Hospital and Pembury Hospital was much appreciated during a very anxious time.

In the table on page 16 only six notifications of Acute Poliomyelitis are recorded. The deficiency is explained by the fact that in four of the cases, final diagnosis was made after the admission of the patient to hospital, when the notification was sent to the neighbouring area of Tonbridge.

In order to clarify this position, I give below a small table showing the age and sex distribution :—

| Age :    | 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | Over 30 |
|----------|-----|------|-------|-------|-------|-------|---------|
| Male ... | 3   | 2    | —     | 1     | 1     | —     | —       |
| Female   | 1   | 1    | —     | 1     | —     | —     | —       |

## 2 (f)—Borough Fever Hospital.

This Hospital has an excellent situation with a southern exposure, standing over 400 feet above sea level. It occupies some six acres of ground, and has its own vegetable and fruit gardens.

The accommodation for patients remains unaltered at 52. Patients are admitted from Tunbridge Wells and Southborough and from several adjacent districts.

The following tables will show the details of admissions for the year :—



## 2 (g)—Cases admitted to Borough Fever Hospital, 1947.

|                    |     |     |     |     | Tun.<br>Wells. | East<br>Sussex. | South-<br>borough<br>Urban. | Total. |
|--------------------|-----|-----|-----|-----|----------------|-----------------|-----------------------------|--------|
| Scarlet Fever      | ... | ... | ... | ... | 17             | 1               | 2                           | 20     |
| Diphtheria         | ... | ... | ... | ... | 4              | —               | 1                           | 5      |
| Measles            | ... | ... | ... | ... | 3              | —               | —                           | 3      |
| Chicken Pox        | ... | ... | ... | ... | 1              | —               | —                           | 1      |
| Rubella            | ... | ... | ... | ... | —              | —               | 1                           | 1      |
| Septic Tonsillitis | ... | ... | ... | ... | 1              | —               | —                           | 1      |
| Totals             | ... | ... | ... | ... | 26             | 1               | 4                           | 31     |

The problem of recruiting staff was present throughout the year, both as regards Nursing and Domestic Staff. Great credit is due to all members of the staff who carried out their duties unsparingly.

## 2 (h)—Diphtheria Immunisation.

The Immunisation Clinic functioned throughout 1947 with one regular weekly session at the Central Clinic. Immunisation was also carried out at the Rusthall and Silverdale Infant Welfare Sessions, as these centres are both remote from the Central Clinic. The two-shot A.P.T. method of immunisation was used.

The following figures show the position at 31st December, 1947, as recorded in the return required by the Ministry of Health :—

| Age at 31/12/47,<br>i.e., born in year.          | Under<br>1<br>1947 | 1<br>1946 | 2<br>1945 | 3<br>1944 | 4<br>1943 | 5—9<br>1938—1942 | 10—14<br>1933—1937 | Total<br>under<br>15 |
|--|--------------------|-----------|-----------|-----------|-----------|------------------|--------------------|----------------------|
| Number Immun-<br>ised ...                        | 10                 | 269       | 212       | 323       | 293       | 1,530            | 1,668              | 4,305                |
| Estimated mid-<br>year popula-<br>tion, 1947 ... | 2,790              |           |           |           |           | 4,340            |                    | 7,130                |



The actual number of children immunised during 1947 was as follows :—

|            |     |     |     |     |            |
|------------|-----|-----|-----|-----|------------|
| 0— 4 years | ... | ... | ... | ... | 365        |
| 5—14 „     | ... | ... | ... | ... | 30         |
| Total      | ... | ... | ... | ... | <u>395</u> |

These figures are self-explanatory, but several comments can be made. The reduced figure of children immunised in the age group 5 to 9 years reflects in the increased figure in the age group 10-14 years. This is due to the high number of children immunised in the year 1937 transferring from one group to the other. It is interesting to note that of 395 children immunised during 1947, 268 were only one year of age. This, probably, is due to the practice commenced at the beginning of 1947 whereby birthday cards are sent to each child on its first birthday, unless previously immunised. The response to this scheme was encouraging.

Our total child population under 15 years of age immunised rose by 89, which is really the difference between the number of children immunised who were born in 1932 and consequently are no longer included in the return, and the total number immunised in all groups during 1947 (306, as compared with 395).

Boosting doses were given to 38 children.

The percentages of children immunised are as follows :—

|           |     |              |
|-----------|-----|--------------|
| 0-4 group | ... | 39 per cent. |
| 5-14 „    | ... | 73 „         |

It is to be remembered, however, that prior to December, 1947, it was the practice not to immunise children under the age of one year, and to get a true picture of the percentage of children in the 0-4 group immunised expressed as a percentage



of the children at risk (one year old to four years) is 49.5 per cent.

It will be noticed from the perusal of the Notification of Infectious Diseases that there were four mild cases of Diphtheria during the year, and it is to be feared that the low incidence of Diphtheria has tended to lull parents into a sense of false security. I feel apprehensive of this complacency.

It cannot be too strongly emphasised that the low incidence of this disease is directly contributable to the concerted drives made by the Ministry in the last few years in obtaining the immunisation of children and if a sense of false security results in a lowering of the number of children immunised, in a very short period the protected percentage of the child population will materially drop. The danger of further serious outbreaks of this disease would then once again become a matter of grave concern to the community.

The aim of all concerned should be to secure the immunisation of 80 per cent. of the child population.

## **2 (i)—Tuberculosis.**

The Kent County Council are responsible for cases of Tuberculosis occurring within the district, also for sanatorium treatment and hospital accommodation for Tunbridge Wells residents.

A Dispensary is held weekly at 34, Calverley Street, by a wholetime Tuberculosis Officer who attends on Thursdays from 10 a.m. to 12.15 p.m.

In the Tables which follow particulars of new cases of Tuberculosis and deaths from the disease during 1947 are shown in Table 1, whilst Table 2 shows the quarterly statements of cases on the register. The position at the 31st December, 1947, is shown in Table 3.



## 2 (j)—(i)

| Age Periods      | New Cases  |    |           |    | Deaths     |    |          |    |
|------------------|------------|----|-----------|----|------------|----|----------|----|
|                  | Pulmonary. |    | Non. Pul. |    | Pulmonary. |    | Non-Pul. |    |
|                  | M.         | F. | M.        | F. | M.         | F. | M.       | F. |
| Under 1 year ... | 1          | —  | —         | —  | —          | —  | —        | —  |
| 1—5 ...          | 1          | —  | —         | 1  | —          | —  | —        | 1  |
| 5—10 ...         | —          | 1  | —         | —  | —          | —  | —        | —  |
| 10—15... ..      | —          | —  | —         | 2  | —          | —  | —        | 1  |
| 15—20... ..      | 1          | 2  | —         | —  | —          | 1  | —        | —  |
| 20—25... ..      | 4          | 2  | —         | —  | 1          | —  | —        | —  |
| 25—35... ..      | 4          | 3  | —         | —  | 3          | 1  | —        | —  |
| 35—45... ..      | 7          | 3  | —         | —  | 2          | —  | 1        | —  |
| 45—55... ..      | 2          | 2  | —         | —  | 2          | 1  | —        | —  |
| 55—65... ..      | 1          | 1  | —         | —  | 1          | —  | —        | —  |
| Over 65 ...      | 2          | 4  | —         | —  | 2          | 6  | —        | —  |
|                  | 23         | 18 | —         | 3  | 11         | 9  | 1        | 2  |

## 2 (j)—(ii)

|  | 1st Quarter. |    |     | 2nd Quarter. |    |     | 3rd Quarter. |    |     | 4th Quarter. |    |     |
|--|--------------|----|-----|--------------|----|-----|--------------|----|-----|--------------|----|-----|
|  | M.           | F. | T.  | M.           | F. | T.  | M.           | F. | T.  | M.           | F. | T.  |
| <i>Pulmonary Tuberculosis :</i>                      |              |    |     |              |    |     |              |    |     |              |    |     |
| Number of cases on register                          | 80           | 68 | 148 | 81           | 69 | 150 | 82           | 72 | 154 | 89           | 78 | 167 |
| New notifications ... ..                             | 3            | 1  | 4   | 5            | 3  | 8   | 7            | 8  | 15  | 4            | 6  | 10  |
| Cases removed and subsequently restored ... ..       | —            | —  | —   | —            | 1  | 1   | —            | —  | —   | —            | —  | —   |
| Other cases added to register (inward transfers) ... | 2            | 1  | 3   | 1            | 2  | 3   | 4            | 2  | 6   | 2            | —  | 2   |
| Cases removed (removed, recovered, died) ... ..      | 4            | 1  | 5   | 5            | 3  | 8   | 4            | 4  | 8   | 5            | 6  | 11  |
| Cases remaining on register                          | 81           | 69 | 150 | 82           | 72 | 154 | 89           | 78 | 167 | 90           | 78 | 168 |
| <i>Non-Pulmonary Tuberculosis :</i>                  |              |    |     |              |    |     |              |    |     |              |    |     |
| Number of cases on register                          | 35           | 29 | 64  | 34           | 28 | 62  | 34           | 28 | 62  | 33           | 27 | 60  |
| New notifications ... ..                             | —            | —  | —   | —            | 2  | 2   | —            | —  | —   | —            | 1  | 1   |
| Cases removed and subsequently restored ... ..       | —            | —  | —   | —            | —  | —   | —            | —  | —   | —            | —  | —   |
| Other cases added (inward transfers) ... ..          | —            | —  | —   | —            | —  | —   | —            | —  | —   | 1            | —  | 1   |
| Cases removed (removed, recovered, died) ... ..      | 1            | 1  | 2   | —            | 2  | 2   | 1            | 1  | 2   | —            | 2  | 2   |
| Cases remaining on register                          | 34           | 28 | 62  | 34           | 28 | 62  | 33           | 27 | 60  | 34           | 26 | 60  |



|   | Pulmonary. | Non-Pul. | Pulmonary. | Non-Pul. | Total. |
|---|------------|----------|------------|----------|--------|
|   | Male.      |          | Female.    |          |        |
| Cases on Register at beginning of year... | 80         | 35       | 68         | 29       | 212    |
| Cases added ... ..                        | 28         | 1        | 24         | 3        | 56     |
| Cases removed                             | 18         | 2        | 14         | 6        | 40     |
| Remaining ... ..                          | 90         | 34       | 78         | 26       | 228    |

**2 (k)—Scabies.**

A Cleansing Station is provided at the Central Clinic. Cases were treated as follows :—

| Cases Notified. |                | Cases Treated (including second Treatment). |  | No. of Families involved. |
|-----------------|----------------|---|--|---------------------------|
| From Clinic.    | Other Sources. | Showing symptoms.                           | Not showing symptoms but treated as a precautionary measure. |                           |
| 170             | 44             | 214   | 5.   | 121                       |

## 2 (1)—Laboratory Facilities.

There is a small Laboratory attached to the Public Health Department where routine examinations are made.

During 1947 examinations were carried out as follows :—

| Specimen.                                | Positive. | Negative. |
|--|-----------|-----------|
| Swabs—Throat for K.L.B. (Diphtheria) ... | 4         | 103       |
| Nose " " ...                             | —         | 13        |
| Hairs for Ringworm " " ...               | —         | —         |
| Totals                                   | 4         | 116       |

The Laboratory at County Hall, Maidstone, deals with all other investigations for the Borough.



**SECTION 3.****MATERNITY AND CHILD WELFARE SERVICES.****3 (a)—Maternity and Child Welfare.**

The Council's Maternity and Child Welfare Scheme is a comprehensive one, providing :—

- (i) Infant Welfare Clinics, four sessions a week (two at the Maternity and Child Welfare Centre, Calverley Terrace, one at Rusthall and one at Silverdale Road, St. Luke's Hall).
- (ii) Ante-Natal and Post-Natal Clinics—two sessions a week.
- (iii) Dental Scheme for expectant and nursing mothers and pre-school children.
- (iv) A Day Nursery.
- (v) Co-operation with the local Maternity Home and financial assistance with necessitous Borough cases admitted there.
- (vi) A comprehensive agreement with the Kent County Council for the admission of cases to the Pembury Maternity Block.
- (vii) An agreement with the Kent and Sussex Hospital for the admission of emergency maternity cases to the Hospital.



## 3 (b)—Analysis of Birth Notifications.

| Notified during month.    | Births. |            |        | Sex.  |         |        | Legitimacy. |        |        | Notified by. |      |        |
|---------------------------|---------|------------|--------|-------|---------|--------|-------------|--------|--------|--------------|------|--------|
|                           | Live.   | Stillborn. | Total. | Male. | Female. | Total. | Leg.        | Illeg. | Total. | Drs.         | Mid. | Total. |
|                           | a       | b          | a      | a     | b       | a      | a           | b      | a      | a            | b    | a      |
| January ...               | 105     | 66         | 107    | 56    | 36      | 66     | 102         | 62     | 107    | 23           | 84   | 107    |
| February ...              | 95      | 57         | 97     | 50    | 26      | 58     | 89          | 50     | 97     | 19           | 78   | 97     |
| March ...                 | 114     | 57         | 118    | 67    | 33      | 59     | 111         | 52     | 118    | 26           | 92   | 118    |
| April ...                 | 85      | 44         | 89     | 56    | 32      | 46     | 83          | 40     | 89     | 17           | 72   | 89     |
| May ...                   | 105     | 60         | 108    | 56    | 35      | 62     | 97          | 52     | 108    | 23           | 85   | 108    |
| June ...                  | 88      | 47         | 91     | 53    | 28      | 48     | 79          | 38     | 91     | 9            | 82   | 91     |
| July ...                  | 91      | 49         | 91     | 53    | 24      | 49     | 87          | 47     | 91     | 6            | 85   | 91     |
| August ...                | 81      | 43         | 83     | 46    | 23      | 43     | 73          | 34     | 83     | 9            | 74   | 83     |
| September ...             | 80      | 41         | 80     | 45    | 25      | 41     | 74          | 36     | 80     | 4            | 76   | 80     |
| October ...               | 86      | 55         | 86     | 40    | 22      | 55     | 79          | 50     | 86     | 6            | 80   | 86     |
| November ...              | 78      | 44         | 79     | 36    | 23      | 45     | 74          | 40     | 79     | 12           | 67   | 79     |
| December ...              | 85      | 50         | 87     | 41    | 20      | 51     | 83          | 48     | 87     | 12           | 75   | 87     |
| Total births notified ... | 1093    | 613        | 1116   | 599   | 327     | 623    | 1031        | 549    | 1116   | 166          | 950  | 1116   |
| Outward transfers         |         |            |        |       |         |        |             |        |        | 60           | 563  | 623    |
| Net Boro. Births          | 480     | 13         | 493    | 272   | 221     | 493    | 482         |        | 493    | 106          | 387  | 493    |

Borough Live Births as per Birth Register... 480 ... 493  
 Inward Transfers ... 211 ... 217  
 Totals adjusted for inward and outward transfers... 691 ... 710

a = Total.    b = out district cases



### 3 (c)—Infant Welfare and Ante-Natal Clinic.

The following tables will show the attendances at the Infant Welfare Clinics and Ante-Natal Clinics during 1947.

#### 3 (c)—(i) Attendances at Infant Welfare Centres, 1947.

|   | Tuesday.            |                     | Wednesday. |             |       | Thursday.           |                     | Totals. |       |
|---|---------------------|---------------------|------------|-------------|-------|---------------------|---------------------|---------|-------|
|   | 1947 (52 sessions). | 1946 (52 sessions). | Rusthall.  | Silverdale. | 1946. | 1947 (52 sessions). | 1946 (52 sessions). | 1947.   | 1946. |
| Number of attendances—Infants under one year ...  | 1791                | 1445                | 891        | 663         | 316   | 1056                | 1202                | 4054    | 3310  |
| Number of Attendances—Children one-five years ... | 712                 | 780                 | 570        | 663         | 103   | 501                 | 557                 | 1886    | 2000  |
| Number of attendances by mothers ...              | 2344                | 2067                | 1220       | 1037        | 394   | 1457                | 1674                | 5415    | 4778  |
| Total attendances                                 | 4847 (93)           | (83) 4292           | 2681 (51)  | (46) 2363   | 813   | 3014 (58)           | (66) 3433           | 11355   | 10088 |
| Consultations with Medical Officer: Infants       | 808                 | 632                 | 456        | 339         | 155   | 521                 | 565                 | 1940    | 1536  |
| Children ...                                      | 421                 | 355                 | 310        | 326         | 63    | 282                 | 274                 | 1076    | 955   |
| Totals ...  | 1229 (24)           | (19) 987            | 766        | (13) 665    | 218   | 803 (15)            | (16) 839            | 3016    | 2491  |

NOTE.—Figures in brackets denote the approximate average attendances per session.



### 3 (c)—(ii) Ante-Natal and Post-Natal Clinic.

The Clinic functioned throughout the year. Two sessions a week were held on Monday and Friday afternoons with a total of 256 individual cases attending.

|                              | Borough Residents. |      |             |      |        |      |
|------------------------------|--------------------|------|-------------|------|--------|------|
|                              | Primiparae.        |      | Multiparae. |      | Total. |      |
|                              | 1947               | 1946 | 1947        | 1946 | 1947   | 1946 |
| Individual Expectant Mothers | 92                 |      | 164         |      | 256    |      |
| Consultations ... ..         |                    | 147  |             | 184  |        | 331  |
|                              | 390                | 291  | 633         | 456  | 1023   | 747  |

### 3 (d)—Health Visiting, 1947.

|  | First Visits. | Subsequent Visits. | Total. |
|--|---------------|--------------------|--------|
| (a) Expectant Mothers ... ..                               | 386           | 319                | 705    |
| (b) Children under 1 year of age ...                       | 572           | 2063               | 2,635  |
| (c) Children between the ages of 1 and 5 years ... ..      | 42            | 3534               | 3,576  |
| (d) Where infants have died (including stillbirths) ... .. | —             | —                  | 34     |
| (e) Found "no-one at home" ... ..                          | —             | —                  | 1,278  |
| <i>Child Life Protection :</i>                             |               |                    |        |
| (a) Houses inspected for the first time ...                |               |                    | 6      |
| (b) Re-visits to foster mothers ... ..                     |               |                    | 12     |
| (c) Foster children seen for the first time                |               |                    | 10     |
| (d) Foster children re-inspected ... ..                    |               |                    | 111    |
| (e) Visits <i>re</i> adoption ... ..                       |               |                    | 3      |

### 3 (e)—Pembury Hospital.

This large hospital, under the control of the Kent County Council, is situate outside, but near, the Borough boundary. The Council have an agreement with the County Council whereby maternity cases from the Borough are accommodated. This agreement provides for the reception of maternity cases on the grounds of :

- (i) insufficient suitable home circumstances :
- (ii) patients for whom hospitalisation is desirable on medical grounds.



Cases are referred from the Borough Ante-Natal Clinic and if a bed is available a voucher is issued by which the Corporation accept financial responsibility. The County Accountant assesses incomes and collects fees, and the Council pay the difference between the fee assessed and collected and the total cost. Private practitioners may also refer cases under this scheme, those on medical grounds being subject only to a formal ratification by the Medical Officer of Health. Those on the grounds of home circumstances are investigated by the Department before approval is given. The shortage of maternity beds has rendered it necessary to institute a very strict system of allocation, as beds, for other than those requiring accommodation on medical grounds, are limited.

During 1947 vouchers were issued as follows :—

| <i>Reasons.</i>               |     |     |     | <i>No. of vouchers issued.</i> |
|-------------------------------|-----|-----|-----|--------------------------------|
| Health                        | ... | ... | ... | 45                             |
| Unsuitable home accommodation |     |     |     | 65                             |
| Health and accommodation      |     |     | ... | 18                             |
|                               |     |     |     | <hr/>                          |
|                               |     |     |     | 128                            |
|                               |     |     |     | <hr/>                          |

Emergency maternity cases have been admitted to the Kent and Sussex Hospital throughout the year, and in October, 1946, the Council formulated an agreement with the Hospital whereby they accepted financial liability for emergency maternity cases admitted:

During 1947, four cases were admitted under this arrangement, the total amount contributed by the Corporation being £48. 18s. 8d.

### 3 (f)—Ophthalmic Clinic.

The Ophthalmic Clinic provided for school children by the Kent County Council is made available for specialist advice and subsequent treatment for children of pre-school







Christopher's received into their care 175 children, and at the end of the year, 83 children were recorded as in the care of the Dr. Barnardo's Society.

One private Residential Nursery was registered at the end of the year as having the care of 14 children, and of having had, for varying periods, during the year, the care of a further 51 children.

One foster child died during the year.

Continuous supervision was given by the Health Visitors and the figures of their inspections are given in the table of Health Visitors' Visits.

I should like again, this year, to acknowledge the assistance given in many instances by Inspector Harris, of the N.S.P.C.C. Much of the action taken in co-operation with the officers of this department has been of an informal nature, but his friendly assistance has been much appreciated.

### **3 (j)—Issue of Auxiliary Foods.**

During 1947 auxiliary foods were distributed through the Infant Welfare Clinics at cost price to the value of £164. 17s. 2d., and food to the value of 18s. 5d. was given free of charge to necessitous cases.

### **3 (k)—Day Nursery.**

The Day Nursery functioned throughout the year. Accommodation is provided for 56 children (26 places for 0-2 years and 30 places for 2-5 years).

During the early part of the year, the Council revised the fees. It was felt that some consideration should be given to the mother who is the sole support of a child, as opposed to where the mother and father are working; and, where there was more than one child attending from the family, some



modification of fees should be applied. The resulting scale was as follows :

|  | s. | d. |
|--|----|----|
| Fee per day where the mother and father are working ... ..                               | 3  | 0  |
| Fee per day where mother is sole support of the child ... ..                             | 2  | 0  |
| Fee per day in respect of each child, where more than one from a family is attending ... | 1  | 6  |

At 31st December, 1947, 55 children were attending the Nursery ; of this total, fees at the rate of 3s. per day were being paid for 25 children ; 2s. per day in respect of 16 children ; and 1s. 6d. per day in respect of 14 children.

The following tables reveal some interesting data as regards the social circumstances of children attending the Day Nursery.

(1) AGE DISTRIBUTION :

| Under 1 year. | 1—2 years. | 2—3 years. | 3—4 years. | 4—5 years. | Total. |
|---------------|------------|------------|------------|------------|--------|
| 3             | 16         | 6          | 16         | 14         | 55     |

(2) LENGTH OF STAY IN NURSERY :

The length of stay is an interesting factor in Nursery provision. The following figures show the use to which the Nursery has been put. These are based on the children registered at the Nursery on the 31st December, 1947 :—

| 1—3 months | 3—6 months | 6—9 months | 9—12 months | 12—18 months | 18—24 months | 2—3 years | Over 3 years | Total |
|------------|------------|------------|-------------|--------------|--------------|-----------|--------------|-------|
| 10         | 5          | 9          | 8           | 7            | 4            | 5         | 7            | 55    |

(3) NEED FOR THE NURSERY AS EVIDENCED BY THE HOME CIRCUMSTANCES :—

The following facts have been gleaned from the Mothers individually. In all cases the mothers are working :—



|  | <i>Cases.</i> | <i>Children.</i> |
|--|---------------|------------------|
| (a) Mother sole support of child(ren)... | 23            | 28               |
| (b) Mother and father working ...        | 26            | 27               |
|  | —             | —                |
|  | 49            | 55               |
|  | —             | —                |

Seven mothers had more than one child in the Nursery.

(4) EMPLOYMENT OF THE MOTHERS :

This table shows the nature of the mother's work :

| Category.                                    | Mother's Employment. |                |               |               |                |        |
|--|----------------------|----------------|---------------|---------------|----------------|--------|
|  | Cleri-<br>cal.       | Domes-<br>tic. | Shop<br>work. | Nurs-<br>ing. | Indus-<br>try. | Total. |
| (a) Mother sole support<br>of child(ren) ... | 3                    | 11             | 8             | —             | 1              | 23     |
| (b) Mother and father<br>working ...         | 8                    | 9              | 8             | —             | 1              | 26     |
| Total ...                                    | 11                   | 20             | 16            | —             | 2              | 49     |

3 (1)—Home and Domestic Help Schemes.

The Home and Domestic Help Schemes functioned throughout the year, and as in 1946, they were run with identical staff, helpers being allocated to the best advantage between the two schemes. This pooling of helpers gives several advantages: (1) retaining fees are unnecessary because the helpers are continuously employed; (2) the helper has a variety of employment; (3) Maternity or Home Help cases being given first priority are never refused or cancelled owing to lack of help or overlapping of Home Help bookings.

During the year, 15 helpers were employed for varying periods, and at the end of the year, six helpers were registered, three of them having been with the scheme for two years or more.

One hundred and twenty-eight cases were booked during the year of which 80 were Domestic Help and 48 were Home



Help. In many cases attendances were made by more than one helper for several reasons, mainly the undertaking of short periods of assistance whilst waiting for full-time booked cases.

A considerable increase in the amount of assistance given under the Home Help Scheme was recorded, the hours being some 4,000 in excess of those worked during the previous year, whilst the assistance given under the Domestic Help Scheme was only 100 hours less than in the previous year.

The following table sets out in detail the days and hours worked by the individual helpers under the two schemes.

Both Schemes involve a considerable amount of administrative and clerical work occasioned by the need to personally interview applicants for help, the assessing of fees to be paid, and the keeping of the detailed records which are necessary.

The Helps are paid 2s. per hour, plus travelling time and expenses. In order to certify time sheets, collect fees due, and give general outside supervision, the services of a part-time female Supervisor are retained.

Table I.

| Domestic/Home<br>Help No. | Domestic Help Scheme.  |                         | Home Help Scheme.      |                         |
|---------------------------|------------------------|-------------------------|------------------------|-------------------------|
|                           | No. of days<br>worked. | No. of hours<br>worked. | No. of days<br>worked. | No. of hours<br>worked. |
| 5                         | 238                    | 856½                    | 207                    | 1,295                   |
| 6                         | 148                    | 591                     | 125                    | 636½                    |
| 11                        | 55                     | 981½                    | 349                    | 979½                    |
| 19                        | 185½                   | 716½                    | 256                    | 1,331                   |
| 20                        | 48                     | 173                     | 89                     | 495                     |
| 21                        | 38                     | 13                      | —                      | —                       |
| 22                        | 233                    | 594                     | 39                     | 262                     |
| 23                        | 27                     | 132                     | 1                      | 3                       |
| 24                        | 278                    | 468½                    | 120                    | 630½                    |
| 25                        | 57                     | 173                     | —                      | —                       |
| 26                        | 106                    | 455½                    | 55                     | 287                     |
| 27                        | 86                     | 258½                    | —                      | —                       |
| 28                        | —                      | —                       | 10                     | 40                      |
| 29                        | —                      | —                       | 10                     | 40                      |
| 30                        | 29                     | 87½                     | 22                     | 127                     |
|                           | 1,528½                 | 5,500½                  | 1,283                  | 6,126½                  |



**3 (m)—Premature Infants (Circular 20/44).**

All Birth Cards carry a space for an indication of the birth of Premature Infants with the necessary details regarding birth weight, etc. In addition a special form has been compiled which is completed in respect of each premature birth, its details being such as to allow of the completion of Section 7 of Form M.C.W. 96.

**3 (n)—Illegitimate Children (Circular 2866).**

In accordance with the provisions of this Circular, the Council carries out its obligations in co-operation with the local branch of the Rochester Diocesan Association for Moral Welfare, on whose Committee the Council has two members. Detailed reports of all cases dealt with are submitted to the Maternity and Child Welfare Committee each month when assistance towards fees in necessitous cases is dealt with. The Council make an annual grant of £200 to the Association for their work in this connection.

Fifty-five new cases involving illegitimate children and their mothers have been dealt with by the Association during 1947. Thirty-three were sent away to Diocesan Homes and in six of these cases the Council accepted financial responsibility.

Thirty-five cases dealt with in previous years were paid friendly visits and advice and assistance was given with questions of adoption and finding foster-mothers, etc.

**3 (o)—Tunbridge Wells and District Nursing Association.**

The cordial relations between the local District Nursing Association and this Department have existed throughout the year. The Medical Officer of Health, as far as duties permit, attends the meetings of the Association and the opportunity for the exchange of views and information has been of considerable value. Once again the high incidence of births in the district and the limitation of the number of maternity beds available has thrown a considerable amount of work on the Association.



**3 (p)—Supply of Sheets for Expectant Mothers.**

Priority dockets on Certificates from doctors and midwives were issued throughout the year in accordance with the provisions of Circular 154/44.

Four hundred and fifty-nine vouchers were issued to one hundred and fifty-three expectant mothers during 1947.

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**SECTION 4.**

**HOSPITALS, MATERNITY AND NURSING HOMES,  
NURSING IN THE HOME, AMBULANCE FACILITIES  
AND SCHOOL HEALTH SERVICE.**

**4 (a)—The Kent and Sussex Hospital.**

This Hospital is well equipped for dealing with all forms of medical, surgical and radiological treatment.

**4 (b)—The Homœopathic Hospital.**

Is a comfortable, airy, and well-lighted building, with a sunshine balcony looking on to the Common.

The friendly co-operation of the Medical, Nursing and Almoners' Staff at both the Kent and Sussex and Homœopathic Hospitals is much appreciated.

**4 (c)—Smallpox Hospital.**

The Conjoint Smallpox Hospital catering for the south-west portion of Kent, is situated at Capel : it accommodates 18 adult patients. There were no admissions from Tunbridge Wells during 1947. This Hospital is leased temporarily to the Kent County Council, who provide staff from Pembury Hospital should occasion to treat smallpox cases arise.

**4 (d)—Tunbridge Wells and District Maternity Home.**

This Home is a large, well-built house, which is admirably adapted to its purpose. There are labour rooms on the first and ground floors, and accommodation for 27 patients. It is run by a voluntary Committee, of which the Medical



Officer of Health is a member. Its patients come from a wide area around the town, and it was not possible to accommodate all applicants during 1947. Four hundred and eighty-three cases were admitted during the year, of which 199 were Borough residents.

The Council make a grant of £50 each year to the Maternity Home, and in necessitous cases they grant assistance with the fees. During 1947, 11 cases were assisted the total sum expended being £27. 6s. 0d.

#### 4 (e)—Nursing Homes.

|  | Number of Homes. | Number of beds provided for : |         |        |
|--|------------------|-------------------------------|---------|--------|
|  |                  | Maternity.                    | Others. | Total. |
| (a) Homes first registered during the year ...   | 1                | —                             | 4       | 4      |
| (b) Homes on the register at the end of the year | 18               | 8                             | 160     | 168    |

#### *Action during 1947 :—*

|   |      |
|---|------|
| Number of applications for registration refused ...   | Nil  |
| „ „ exemptions granted under Section 192 (1)  | 3    |
| „ „ exemptions withdrawn under Section 192 (2) ... ..   | Nil  |
| „ „ registrations cancelled under Section 188...  | Nil  |
| „ „ appeals by aggrieved persons to a Court of Summary Jurisdiction, under Section 189 (3) ... .. | Nil  |
| „ „ of cases in which fines were imposed ...  | Nil  |
| „ „ inspections ... ..  | 19   |
| „ „ registered homes not inspected ... ..   | None |

The inspections are carried out by the Medical Officer of Health, who also supervises the adaptation of fresh premises for nursing home purposes, paying as many visits as occasion requires.



**4 (f)—Ambulance Facilities.**

There are five ambulances in the Borough. One is garaged at the Isolation Hospital and is used only for infectious cases. For non-infectious and accident cases, the local branch of the St. John Ambulance Brigade possesses three ambulances, and one is run by the local Police Force. The St. John Ambulance Brigade provide facilities for removing maternity cases.

**4 (g)—Nursing in the Home.**

(a) General.—Nursing in the Home is undertaken by the local District Nursing Association. This Association also undertakes the majority of the domiciliary midwifery cases in the Borough.

(b) Midwives.—The Midwives' Acts as far as they relate to the Borough are administered through the Kent County Council as the local Supervising Authority.

**4 (h)—School Health Service.**

The School Health Service now under the administrative charge of the Kent County Council, is operated from the Clinic in Calverley Terrace. The Medical Officer of Health undertakes for the County certain administrative supervision and the Assistant Medical Officer of Health undertakes five sessions a week clinical work in this connection.

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**SECTION 5.**

I am indebted to Mr. W. P. Cave, Senior Sanitary Inspector, for the preparation of the details in this, and section six, of the Report.

**SANITARY CIRCUMSTANCES.****5 (a)—Water Supply.**

The water supply of Tunbridge Wells is a soft water, drawn from springs issuing from the stratum geologically



known as the Tunbridge Wells Sandstone. The main springs are situated in unfrequented woodland areas, in which inhabited dwellings are few and distant ; the risk of pollution is well guarded against. The supply is a constant one, and the approximate number of premises supplied at the end of 1947 was 12,100 within the Borough and 759 outside, the approximate population served being 38,000 and 2,884 respectively.

For roughly one-half of the year the supply of water from the springs meets the requirements of the Borough. During the remaining part of the year, artesian borewells give an ample and pure supply of water to supplement the flow from the springs. Seven Artesian Wells are situated at Pembury, where there is a large reservoir capable of holding 42,000,000 gallons. From this reservoir the water is pumped to a distributing reservoir at Blackhurst, Pembury Road, 500 feet above sea-level. Thence it is distributed through the mains by force of gravity to the areas supplied. The Artesian Wells are bored through the Wadhurst Clay, and take their supply from the underlying Ashdown Sands ; the nearest point at which the Ashdown Sands reach the surface is some miles distant from the borewells.

An Artesian Borewell at Saint's Hill, taps the same geological layer of the Ashdown Sands as the Pembury Artesian Wells, at a depth of 407 feet. After filtration in mechanical pressure filters the water from this source is pumped direct into the supply mains.

With very few exceptions the whole of the dwelling-houses in the Borough have a piped supply of water.

All Corporation supplies are chlorinated and have been satisfactory both as to quality and quantity throughout the year, no adverse bacteriological or chemical reports being received.



Bacteriological and chemical analyses were undertaken throughout the year as follows :—

| Source of Sample.                  | Examinations.    |           |
|------------------------------------|------------------|-----------|
|                                    | Bacteriological. | Chemical. |
| No. from Public Supplies (treated) | 35               | 35        |
| " " " Spring (untreated)           | 2                | 1         |
|                                    | 37               | 36        |

The following are analyses of two samples and are reports made by the Borough Analyst, dated 6th October, 1947.

**Sample of Water from Saint's Hill Supply.**

| BACTERIOLOGICAL STATEMENT.                                   |  |                                       |         |        |
|--|--|---------------------------------------|---------|--------|
| No. of organisms per cubic centimetre<br>capable of growing. |  | B. Coli Communis<br>presumptive test. |         |        |
| On Standard Gelatin<br>in 3 days at 22° C....                | on Standard Agar<br>in 24 hours at 37°/<br>38° C. .... | 100 c.c.                              | 10 c.c. | 1 c.c. |
| 2  | 3  | —                                     | —       | —      |

| CHEMICAL ANALYSIS.                      |            |     |                           |
|---|------------|-----|---------------------------|
| <i>Determination.</i>                   |            |     | <i>Parts per 100,000.</i> |
| Free and Saline Ammonia                 | ...        | ... | None                      |
| Albuminoid Ammonia                      | ...        | ... | 0.0005                    |
| Oxygen absorbed at 80° F.—in 15 minutes | ...        | ... | —                         |
|   | in 4 hours | ... | 0.0044                    |
| Nitric Nitrogen                         | ...        | ... | 0.015                     |
| Chlorine                                | ...        | ... | 2.7                       |
| Equivalent to Sodium Chlorine           | ...        | ... | 4.4                       |
| Total Solid Matter (dried at 180° C.)   | ...        | ... | 31.0                      |
| Temporary Hardness                      | ...        | ... | 9.25                      |
| Permanent Hardness                      | ...        | ... | None                      |
| Carbonate of Soda                       | ...        | ... | 8.5                       |
| Free Chlorine                           | ...        | ... | 0.03 p.p.m.               |
| Reaction (pH)                           | ...        | ... | 7.0                       |
| Metals (Lead, Copper, Zinc, Iron)       | ...        | ... | Slight trace of iron      |
| Appearance in two foot tube...          | ...        | ... | Colourless and clear      |



### Pembury Waterworks Supply.

#### Sample of Water from 15in. Main in Pembury Road.

| BACTERIOLOGICAL STATEMENT.                                |   |                                    |         |        |
|---|---|------------------------------------|---------|--------|
| No. of organisms per cubic centimetre capable of growing. |   | B. Coli Communis presumptive test. |         |        |
| On Standard Gelatin in 3 days at 22° C....                | On Standard Agar in 24 hours at 37°/38° C. ... .. | 100 c.c.                           | 10 c.c. | 1 c.c. |
| 0   | 0   | —                                  | —       | —      |

| CHEMICAL ANALYSIS.                             |                               |
|--|-------------------------------|
| <i>Determination.</i>                          | <i>Parts per 100,000.</i>     |
| Free and Saline Ammonia ... ..                 | 0.0120                        |
| Albuminoid Ammonia ... ..                      | 0.0010                        |
| Oxygen absorbed at 80° F.—in 15 minutes ... .. | —                             |
| in 4 hours ... ..                              | 0.0113                        |
| Nitric Nitrogen ... ..                         | 0.19                          |
| Chlorine ... ..                                | 2.7                           |
| Equivalent to Sodium Chlorine ... ..           | 4.4                           |
| Total Solid Matter (dried at 180° C.) ... ..   | 22.5                          |
| Temporary Hardness ... ..                      | 3.75                          |
| Permanent Hardness ... ..                      | None                          |
| Carbonate of Soda ... ..                       | 9.0                           |
| Free Chlorine ... ..                           | 0.20 p.p.m.                   |
| Reaction (pH) ... ..                           | 7.0                           |
| Metals (Lead, Copper, Zinc, Iron) ... ..       | Slight trace of iron          |
| Appearance in two foot tube ... ..             | Colourless and faintly turbid |

#### 5 (b)—Drainage and Sewerage.

The sewers serving Beech Street and Mount Ephraim Road were relaid during the year.

Work was commenced on the Ramslye Housing Estate, Eridge Road, and a total length of 1,214 yards of new sewers to serve the estate has been laid so far.

#### 5 (c)—Closet Accommodation.

With the exception of a number of premises in the rural parts of the Borough the closet accommodation consists of water closets with flushing apparatus.



Seventy-five premises drain to cesspools which are emptied if necessary by the Corporation eight times annually free of charge. When more frequent emptying is required a charge is made.

#### **5 (d)—Refuse Collection and Disposal.**

The arrangements for the collection and disposal of refuse continued throughout the year. The site at which controlled tipping is carried out is situate outside the populated part of the district. The refuse tip is treated periodically with insecticide to control insect pests. Monthly inspections are made for rat infestation and destruction by the rodent operators.

Thirteen thousand and seventy-four dustbins are periodically emptied, the total weight of refuse dealt with during the year being 8,289 tons, 10 cwts ; 518 tons, 10cwts., 3 qtrs. of kitchen waste was also collected.

#### **5 (e)—Schools.**

All schools in the Borough are supplied with town water and are connected to the public sewers. Pasteurised milk is supplied to schools in all cases but one, in the latter Tuberculin Tested milk is supplied.

Twenty-three samples of the milk supply to schools were taken during the year by the Education Authority.

#### **5 (f)—Swimming Baths and Pools.**

The Corporation own indoor and open-air baths. A water chlorination and filtration plant is provided at the indoor bath. The water at the open air bath is treated with a chlorine solution. Bacteriological Reports on examinations of the water at both baths proved to be satisfactory.

#### **5 (g)—Eradication of Bed Bugs.**

Forty houses were disinfested by spraying. Sprays are loaned to occupants of infested premises.



## 5 (h)—Rats and Mice Destruction.

### PRIVATE DWELLINGS SCHEME.

The survey under the Ministry of Food "Private Dwellings Scheme", commenced in October, 1946, was completed in September, 1947, with the following results :—

|                                    |       |          |                 |
|------------------------------------|-------|----------|-----------------|
| No. of premises visited under this |       |          |                 |
| Scheme January to September ...    |       |          |                 |
|                                    | 8,183 | (10,967) |                 |
| No. of premises found to be        |       |          |                 |
| infested ... ..                    |       |          |                 |
|                                    | Rats  | 367      | (515)           |
|                                    | Mice  | 135      | (143) 502 (658) |

For completion of this survey within the time specified by the Ministry of Food, four temporary operators were employed by the Council to assist the two full-time Rodent Operators. The figures in brackets give the figures for the whole period of survey, i.e., October, 1946, to September, 1947.

### CASUAL COMPLAINTS.

Two hundred and eighty-three complaints were received regarding rats and/or mice infestation in addition to the premises visited under the "Private Dwellings Scheme".

### SEWER TREATMENT.

Two Sewer Maintenance Treatments were carried out during the year, a 10 per cent. test of manholes not scheduled for treatment being carried out immediately prior to each maintenance treatment.

The result proved that the treatments are maintaining a satisfactory condition.

## 5 (i) Factories Act, 1937.

During the year 133 visits were made to factories ; 48 to factories without mechanical power and 85 to those where mechanical power is used.

Eleven defects were found, and of these 7 had been remedied at the end of the year.



## Factories Act, 1937.

## 1. INSPECTIONS.

| Premises  | Number on Register | Number of   |                 |                      |
|---|--------------------|-------------|-----------------|----------------------|
|   |                    | Inspections | Written notices | Occupiers prosecuted |
| (i) Factories in which Sections 1, 2, 3, 4, and 6, are to be enforced by Local Authorities ... ..                   | 165                | 48          | —               | Nil.                 |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority... ..                      | 200                | 83          | 5               | Nil.                 |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... .. | 2                  | 2           | —               | Nil.                 |
| TOTAL ... ..  | 367                | 133         | 5               | Nil.                 |

## 2. CASES IN WHICH DEFECTS WERE FOUND.

| Particulars  | Number of cases in which defects were found |          |                            |                   | Number of cases in which prosecutions were instituted |
|--|---|----------|----------------------------|-------------------|---|
|  | Found                                       | Remedied | Referred to H.M. Inspector | by H.M. Inspector |   |
| Want of cleanliness (S.1)  | 3   | 3        | —                          | —                 | —   |
| Overcrowding ... (S.2)   | 1   | —        | —                          | —                 | —   |
| Unreasonable temperature ... (S.3)   | —   | —        | —                          | —                 | —   |
| Inadequate ventilation (S.4)   | —   | —        | —                          | —                 | —   |
| Ineffective drainage of floors ... (S.6)   | —   | —        | —                          | —                 | —   |
| Sanitary Conveniences (S.7)  |   |          |                            |                   |   |
| (a) insufficient ...   | —   | —        | —                          | —                 | —   |
| (b) unsuitable or defective ...  | 4   | 2        | —                          | 2                 | —   |
| (c) Not separate for sexes ...   | —   | —        | —                          | —                 | —   |
| Other offences against the Act (not including offences relating to Outwork) ... .. | 3   | 2        | —                          | —                 | —   |
| TOTAL ... ..   | 11  | 7        | —                          | 2                 | —   |



## Outwork.

(Sections 110 and 111.)

| Nature of Work                   | Section 110.   |   |   | Section 111.                                       |                | Prosecutions |
|----------------------------------|--|---|---|--|----------------|--------------|
|                                  | No. of out-workers in August list required by Sect. 110. (1) (c) | No. of cases of default in sending lists to the Council | No. of prosecutions for failure to supply lists | No. of instances of work in un-whole-some premises | Notices served |              |
| Making, etc., of Wearing Apparel | 2  | —   | —   | —  | —              | —            |

**Table No. 1.**—The following table gives a general summary of the work carried out during the year 1947 :—

|   | <i>Number</i> |
|---|---------------|
| Houses inspected under the Housing Act...                 | Nil           |
| Houses inspected other than under the Housing Act ...     | 930           |
| Complaints investigated ...                               | 419           |
| Visits to Slaughter Houses ...                            | 554           |
| "  "  Bakehouses ...                                      | 37            |
| "  "  Restaurants and Kitchens ...                        | 24            |
| "  "  Dairies ...   | 73            |
| "  "  Cowsheds ...  | 47            |
| "  "  Ice Cream Premises ...                              | 37            |
| "  "  Other Food Premises ...                             | 344           |
| "  "  Factories ...                                       | 133           |
| "  "  Workplaces ...                                      | 12            |
| "  "  Outworkers ...                                      | 1             |
| "  "  Common Lodging Houses ...                           | 1             |
| "  "  Theatres, Cinemas, etc. ...                         | 19            |
| "  "  Licensed Premises ...                               | 16            |
| "  "  Verminous Premises ...                              | 69            |
| "  "  Keeping of Animals ...                              | 26            |
| "  "  Rat or Mice Infestation ...                         | 32            |
| "  "  Shops Act ...                                       | 3             |
| "  "  Overcrowding ...                                    | 21            |
| "  "  Infectious Diseases ...                             | 40            |
| "  "  Smoke Nuisances ...                                 | 4             |
| Other Visits ...  | 581           |
| Interviews respecting properties ...                      | 415           |
| Rooms Disinfected ...                                     | 83            |
| Smoke test to drains ...                                  | 31            |
| Water test to drains... ...                               | 46            |
| Informal notices served ...                               | 491           |
| Houses rendered fit in consequence of informal action ... | 358           |
| Formal notices served ...                                 | 14            |
| "  "  "  complied with by owner ...                       | 17            |
| "  "  "  complied with by Local Authority in default ...  | 1             |



|  | <i>Number</i> |
|--|---------------|
| Defects remedied ... ..  | 1306          |
| Food condemned and destroyed—51 tons 15 cwts. 2 qtrs. 12½ lbs.     |               |
| Carcases of home killed meat examined in local slaughterhouses ... | 13,811        |
| Samples of food and drugs examined by Public Analyst ...           | 115           |
| "    "    " found below standard (see note of Food and Drugs       |               |
| table regarding samples of raising powder) ... ..                  | 2             |

**Table No. 2.—Housing**—The following information is in accordance with the requirements of the Ministry of Health.

|  | <i>Number</i> |
|--|---------------|
| <b>1. Inspection of dwelling-houses during the year :—</b>   |               |
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..   | 930           |
| (b) Number of inspections made for the purpose ... ..  | 2,564         |
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 ...  | Nil           |
| (b) Number of inspections made for the purpose ... ..  | 23            |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...                                       | Nil           |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... .. | 536           |
| <b>2. Remedy of Defects during the year without service of formal Notices :—</b>   |               |
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... ..                                     | 358           |
| <b>3. Action under Statutory Powers during the year :—</b>   |               |
| (a) <i>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—</i>   |               |
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ..   | 9             |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices :—   |               |
| (a) By owners ... ..   | 3             |
| (b) By Local Authority in default of owners ... ..   | Nil           |
| (b) <i>Proceedings under Public Health Acts :—</i>   |               |
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..  | 5             |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—  |               |
| (a) By owners ... ..   | 14            |
| (b) By Local Authority in default of owners ... ..   | 1             |



(c) *Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—*

|   |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|
| (1) Number of dwelling-houses in respect of which demolition orders were made | ... | ... | ... | ... | ... | ... | Nil |
| (2) Number of dwelling-houses demolished in pursuance of demolition orders    | ... | ... | ... | ... | ... | ... | Nil |

(d) *Proceedings under Section 12 of the Housing Act, 1936 :—*

|  |     |
|--|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ..  | Nil |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... .. | Nil |

#### 4. Housing Act, 1936—Part IV—Overcrowding :—

No exact figures are available. Overcrowding is still on the increase and cannot be relieved until new housing is available.

**Table No. 3—Inspection and Supervision of Food.**

| Table No. 5.—Inspection and Supervision of Food.   |                        |     |     | Number |
|--|------------------------|-----|-----|--------|
| <b>(a) Milk Supply :—</b>  |                        |     |     |        |
| Licences in force at the end of the year :—  |                        |     |     |        |
| Dealers' Licences :  | Tuberculin tested milk | ... | ... | 6      |
| "  | Pasteurised milk       | ... | ... | 1      |
| Supplementary Licences—  | Tuberculin tested milk | ... | ... | 1      |
| "  | Pasteurised milk       | ... | ... | 1      |
| Pasteurisers' Licences   | ...                    | ... | ... | 4      |
| Licences to bottle tuberculin tested milk  | ...                    | ... | ... | 1      |
| "  | "                      | "   | "   | 1      |
| "  | "                      | "   | "   | 1      |
| Number of Dairy Farms in the Borough   | ...                    | ... | ... | 19     |
| "  | "                      | "   | "   | 6      |
| "  | "                      | "   | "   | 2      |
| "  | "                      | "   | "   | 47     |
| "  | "                      | "   | "   | 73     |
| 33 samples of milk were submitted for bacteriological examination, 1 for biological examination and 133 samples to the prescribed tests for pasteurised milk at the County Laboratory. |                        |     |     |        |
| <b>(b) Meat and Other Foods :—</b>   |                        |     |     |        |
| Number of Government controlled slaughter-houses in use  | ...                    | ... | ... | 2      |
| "  | "                      | "   | "   | 554    |
| "  | "                      | "   | "   | 344    |
| "  | "                      | "   | "   | 13,811 |
| <b>(c) Details of Food Condemned :—</b>  |                        |     |     |        |

(c) **Details of Food Condemned :—**

| Item of Food :         | * T. | Weight : |    |    | lbs.      | Tubercular weight : |    |    |      |
|------------------------|------|----------|----|----|-----------|---------------------|----|----|------|
|                        |      | T.       | C. | Q. |           | T.                  | C. | Q. | lbs. |
| Beef (home-killed) ... | 19   | 15       | 0  | 16 | including | 17                  | 14 | 2  | 24   |
| „ (offals) „ ...       | 16   | 8        | 3  | 12 | „         | 8                   | 7  | 1  | 6    |
| Mutton „ ...           |      | 5        | 1  | 26 |           |                     |    |    |      |
| „ (offals) „ ...       |      | 10       | 0  | 4  |           |                     |    |    |      |
| Pork „ ...             |      | 8        | 1  | 11 | „         |                     | 1  | 0  | 14   |
| „ (offals) „ ...       |      | 1        | 2  | 4  | „         |                     |    | 2  | 22   |
| Veal „ ...             |      |          | 1  | 14 |           |                     |    |    |      |
| „ (offals) „ ...       |      |          |    | 14 |           |                     |    |    |      |



| Item of Food :                   | Weight : |    |    |      | Tubercular weight : |    |    |      |
|----------------------------------|----------|----|----|------|---------------------|----|----|------|
|                                  | T.       | C. | Q. | lbs. | T.                  | C. | Q. | lbs. |
| Bananas ...                      | 3        | 15 | 0  | 13   |                     |    |    |      |
| Biscuits ...                     |          |    | 2  | 15   |                     |    |    |      |
| Bread ...                        |          | 2  | 0  | 11   |                     |    |    |      |
| Broth ...                        |          |    |    | 3    |                     |    |    |      |
| Butter...                        |          |    | 2  | 0    |                     |    |    |      |
| Cake Mixtures ...                |          |    |    | 20   |                     |    |    |      |
| Cereals ...                      |          | 6  | 0  | 19   |                     |    |    |      |
| Cheese...                        |          |    | 1  | 7½   |                     |    |    |      |
| Choc-malt Spread ...             |          |    |    | 2    |                     |    |    |      |
| Chocolate Powder ...             |          |    | 2  | 0    |                     |    |    |      |
| Dates ...                        |          |    |    | 2    |                     |    |    |      |
| Eggs (shell) ...                 |          |    |    | 14   |                     |    |    |      |
| Fish (canned) ...                |          | 2  | 3  | 10½  |                     |    |    |      |
| Fish (cured) ...                 |          | 3  | 2  | 21   |                     |    |    |      |
| Fish (fresh) ...                 |          | 19 | 0  | 26   |                     |    |    |      |
| Fish (cakes) ...                 |          |    |    | 9    |                     |    |    |      |
| Fruit (canned) ...               | 3        | 14 | 3  | 22¾  |                     |    |    |      |
| Fruit (dried) ...                |          |    | 2  | 2½   |                     |    |    |      |
| Ice Cream Cones ...              |          |    |    | 2    |                     |    |    |      |
| Jam ...                          |          | 1  | 1  | 25   |                     |    |    |      |
| Macaroni Cheese ...              |          |    |    | 2    |                     |    |    |      |
| Marmalade ...                    |          |    | 3  | 13½  |                     |    |    |      |
| Meat (corned beef) ...           |          | 4  | 1  | 15½  |                     |    |    |      |
| Meat (corned mutton) ...         |          | 1  | 0  | 20   |                     |    |    |      |
| Meat (canned with veg.) ...      |          | 3  | 3  | 6¼   |                     |    |    |      |
| Meat (other canned) ...          |          | 3  | 1  | 2¼   |                     |    |    |      |
| Meat (cured) ...                 |          |    | 2  | 4¾   |                     |    |    |      |
| Meat (dehydrated) ...            |          |    |    | 6    |                     |    |    |      |
| Meat (fresh) ...                 |          | 3  | 0  | 15¾  |                     |    |    |      |
| Meat (imported) ...              | 2        | 1  | 3  | 26½  |                     |    |    |      |
| Milk (canned) ...                |          | 9  | 0  | 5    |                     |    |    |      |
| Milk (dried) ...                 |          | 6  | 3  | 18   |                     |    |    |      |
| Onions (pickled) ...             |          |    |    | 17   |                     |    |    |      |
| Orange Juice (canned) ...        |          |    |    | 5    |                     |    |    |      |
| Oxo ...                          |          |    |    | 1½   |                     |    |    |      |
| Pastes (Meat and Fish) ...       |          |    |    | 19½  |                     |    |    |      |
| Pickles ...                      |          | 1  | 3  | 23¼  |                     |    |    |      |
| Pies (meat) ...                  |          |    |    | 7½   |                     |    |    |      |
| Pies (veal and ham) ...          |          |    |    | 22½  |                     |    |    |      |
| Puddings (fruit) ...             |          |    |    | 1¾   |                     |    |    |      |
| Puddings (treacle) ...           |          |    |    | 2    |                     |    |    |      |
| Rice substitute ...              |          |    |    | 16   |                     |    |    |      |
| Sauce ...                        |          |    |    | 3    |                     |    |    |      |
| Sausages and sausage meat ...    |          |    | 2  | 14   |                     |    |    |      |
| Shell fish (canned) ...          |          |    |    | 8¼   |                     |    |    |      |
| Shell fish (fresh) ...           |          | 1  | 0  | 5    |                     |    |    |      |
| Soups (canned) ...               |          |    | 3  | 2½   |                     |    |    |      |
| Soup Powder ...                  |          |    |    | 2    |                     |    |    |      |
| Spaghetti ...                    |          |    |    | 1    |                     |    |    |      |
| Spaghetti in meat sauce ...      |          |    |    | 1    |                     |    |    |      |
| Sugar ...                        |          | 1  | 0  | 0    |                     |    |    |      |
| Sweets (including chocolate) ... |          |    |    | 23¾  |                     |    |    |      |
| Syrup ...                        |          |    |    | 9    |                     |    |    |      |
| Vegetables (canned)...           |          | 14 | 2  | 25¾  |                     |    |    |      |
| Vegetables (fresh) ...           | ...      |    | 1  | 12   |                     |    |    |      |
| Vegetable Salad ...              |          |    |    | 10   |                     |    |    |      |
| Vita-cream ...                   |          |    |    | 8    |                     |    |    |      |

Total weight food condemned : 51 tons 15 cwts. 2 qtrs. 12¾ lbs.



## CARCASSES INSPECTED AND CONDEMNED.

|  | Cattle,<br>exclud-<br>ing Cows. | Cows.  | Calves. | Sheep<br>and<br>Lambs. | Pigs. |
|--|---------------------------------|--------|---------|------------------------|-------|
| Number killed ... ..   | 2731                            | 1254   | 158     | 9251                   | 417   |
| Number inspected ... ..  | 2731                            | 1254   | 158     | 9251                   | 417   |
| All diseases except Tuberculosis :—  |                                 |        |         |                        |       |
| Whole carcasses condemned ... ..   | 3                               | 8      | 1       | 14                     | 7     |
| Carcasses of which some part or organ was condemned ... ..                           | 1008                            | 511    | 1       | 489                    | 13    |
| Percentage of the number inspected affected with disease other than tuberculosis ... | 37.02%                          | 41.39% | 1.27%   | 5.44%                  | 4.80% |
| Tuberculosis only :—   |                                 |        |         |                        |       |
| Whole carcasses condemned ... ..   | 15                              | 55     | —       | —                      | —     |
| Carcasses of which some part or organ was condemned ... ..                           | 253                             | 352    | —       | —                      | 6     |
| Percentage of the number inspected affected with tuberculosis ...                    | 9.81%                           | 32.46% | Nil     | Nil                    | 1.44% |

TOTAL CARCASSES INSPECTED ... 13,811.



## SAMPLES TAKEN UNDER THE FOOD AND DRUGS ACT DURING 1947.

| Nature of Article.     | Examined. |          |       | Adulterated. |          |       |
|------------------------|-----------|----------|-------|--------------|----------|-------|
|                        | Formal    | Informal | Total | Formal       | Informal | Total |
| Almond Essence ...     | —         | 1        | 1     | —            | —        | —     |
| Aspirin ...            | —         | 2        | 2     | —            | —        | —     |
| Baking Powder ...      | —         | 2        | 2     | —            | —        | —     |
| Banana Essence ...     | —         | 1        | 1     | —            | —        | —     |
| Bicarbonate of Soda... | —         | 1        | 1     | —            | —        | —     |
| Boracic Ointment ...   | —         | 1        | 1     | —            | —        | —     |
| Boric Acid Ointment    | —         | 1        | 1     | —            | —        | —     |
| Bovril ...             | —         | 1        | 1     | —            | —        | —     |
| Curry Powder ...       | —         | 1        | 1     | —            | —        | —     |
| Gelatine Powder ...    | —         | 1        | 1     | —            | —        | —     |
| Ginger Beer Extract    | —         | 1        | 1     | —            | —        | —     |
| Ginger Beer Powder...  | —         | 1        | 1     | —            | —        | —     |
| Gravy Browning ...     | —         | 1        | 1     | —            | —        | —     |
| Gravy Salt ...         | —         | 1        | 1     | —            | —        | —     |
| Herbs (Mixed) ...      | —         | 2        | 2     | —            | —        | —     |
| Junket Powder ...      | —         | 1        | 1     | —            | —        | —     |
| Lemon Essence ...      | —         | 2        | 2     | —            | —        | —     |
| Lemonade Crystals ...  | —         | 1        | 1     | —            | —        | —     |
| Lemonade Powder ...    | —         | 3        | 3     | —            | —        | —     |
| Malted Food... ..      | —         | 1        | 1     | —            | —        | —     |
| Marmite ...            | —         | 1        | 1     | —            | —        | —     |
| Meat Cubes ...         | —         | 1        | 1     | —            | —        | —     |
| Meat Extract ...       | —         | 1        | 1     | —            | —        | —     |
| Milk ...               | 20        | 34       | 54    | —            | —        | —     |
| Nutmeg (Ground) ...    | —         | 1        | 1     | —            | —        | —     |
| Oatmeal ...            | —         | 1        | 1     | —            | —        | —     |
| Pastes ...             | —         | 4        | 4     | —            | —        | —     |
| Pepper ...             | —         | 2        | 2     | —            | —        | —     |
| Pudding Mixture ...    | —         | 1        | 1     | —            | —        | —     |
| Raising Flour ...      | —         | 1        | 1     | —            | —        | —     |
| Raising Powder ...     | 1         | 1        | 2     | 1            | 1        | 2*    |
| Raspberry Flavouring   | —         | 1        | 1     | —            | —        | —     |
| Saccharine Tablets ... | —         | 1        | 1     | —            | —        | —     |
| Salad Dressing ...     | —         | 1        | 1     | —            | —        | —     |
| Sauce ...              | —         | 3        | 3     | —            | —        | —     |
| Savoury Food ...       | —         | 1        | 1     | —            | —        | —     |
| Semolina ...           | —         | 1        | 1     | —            | —        | —     |
| Soup ...               | —         | 5        | 5     | —            | —        | —     |
| Sponge Mixture ...     | —         | 2        | 2     | —            | —        | —     |
| Syrup of Figs ...      | —         | 1        | 1     | —            | —        | —     |
| Vanilla Essence ...    | —         | 1        | 1     | —            | —        | —     |
| Vinegar ...            | —         | 1        | 1     | —            | —        | —     |
| Yeast Tablets ...      | —         | 1        | 1     | —            | —        | —     |
| Zinc Ointment ...      | —         | 1        | 1     | —            | —        | —     |
| TOTALS ...             | 21        | 94       | 115   | 1            | 1        | 2     |

\*The vendor of the unsatisfactory samples of Raising Powder was cautioned.



## SECTION 6.

## METEOROLOGICAL NOTES, 1947.

Tunbridge Wells Municipal Meteorological Station is an Official Auxiliary Station reporting to the Meteorological Department of the Air Ministry. The records are kept by the Staff of the Health Department, and have so been kept since 1st July, 1914.

The instruments are situated in the Calverley Grounds, the station being somewhat in a hollow. This position tends to make the minimum temperature readings lower than they should be, as cold air gravitates to the bottom of hollows.

The sunshine recorder is established at the Earls Court Hotel, and the standard barometer is in the Health Department at the Town Hall.

The usual certificate from the Meteorological Office is suspended until a better site than that in the Calverley Grounds offers itself.

The observations were made by Mr. A. Barnett, Mr. T. Steel and Mr. T. E. Ellison, members of the Staff of the Health Department.

The total amount of bright sunshine recorded was 1,814 hours 48 minutes, the mean amount being 1,600 hours 6 minutes. The most sunny day was 28th May, 14 hours 30 minutes being recorded. There were 77 sunless days, 66 being the average.

The highest temperature in the sun was 140.6 degrees on July 26th.

The mean temperature in the shade for the year was 49.2 degrees, 49.2 being the average.

The mean daily range was 16.1 degrees the average being 14.5.



The temperature in the shade four feet above the ground was highest, 90 degrees, on 3rd June and lowest, 4 degrees, on 24th February, this being the lowest minimum temperature on record.

The hottest night was on 29th July, when the temperature did not go below 66 degrees.

The last frost in the air in Spring was on 10th April and the first in the Autumn on 21st October. The last on the grass in the Spring was also on the 10th April and the first in the Autumn was on 21st October.

The rainfall amounted to 25.29 inches, the average being 30.52 inches, and was the lowest yearly rainfall since 1933. It fell on 144 days, the average being 172. The most rain that fell on one day was 0.90 inches on 21st June.

The wind at 9.0 a.m. was North on 18 days, North-North-East 20 days, North-East 65 days, East-North-East 18 days, East 18 days, East-South-East 8 days, South-East 16 days, South-South-East 11 days, South 23 days, South-South-West 23 days, South-West 49 days, West-South-West 23 days, West 28 days, West-North-West 12 days, North-West 26 days, North-North-West 5 days and it was calm on 2 days.

The mean amount of cloud at 9.0 a.m. was 6.2, 6.7 being the average (10 representing overcast sky). Thunder and lightning occurred on 13 days.

There were 8 fogs and it was misty on 46 other mornings.

The year was exceptional for its heavy snow falls during the first three months of the year, and snow lay for 47 days from the 23rd January to 10th March.



## METEOROLOGICAL NOTES, 1947.

| Months.      | Sunshine.  |            |                  | Rainfall. |                  | Mean Temperature.<br>In shade, 4ft above ground. |                  | Temperature Underground. |      |            |      |
|--------------|------------|------------|------------------|-----------|------------------|--|------------------|--------------------------|------|------------|------|
|              | 1947.      |            | 33 year Average. | 1947.     | 67 year Average. | 1947.  | 57 year Average. | One Foot.                |      | Four Feet. |      |
|              | Hrs. Mins. | Hrs. Mins. | Hrs. Mins.       | Inches.   | Inches.          | °F.  | °F.              | °F.                      | °F.  | °F.        | °F.  |
| January ...  | 72 12      | 52 0       |                  | 2.74      | 2.81             | 31.8   | 38.1             | 36.1                     | 39.2 | 40.5       | 43.1 |
| February ... | 27 24      | 70 6       |                  | 2.29      | 2.27             | 28.0   | 38.9             | 33.7                     | 39.0 | 38.2       | 42.1 |
| March ...    | 74 0       | 123 48     |                  | 5.95      | 2.28             | 39.2   | 42.1             | 37.4                     | 41.9 | 38.3       | 42.8 |
| April ...    | 204 30     | 150 48     |                  | 2.26      | 2.00             | 47.3   | 46.8             | 48.5                     | 47.2 | 45.9       | 46.7 |
| May ...      | 230 48     | 210 48     |                  | 1.89      | 1.96             | 56.5   | 53.0             | 57.3                     | 54.4 | 52.6       | 51.3 |
| June ...     | 240 36     | 218 30     |                  | 2.99      | 1.90             | 60.6   | 58.1             | 64.4                     | 60.6 | 59.9       | 56.7 |
| July ...     | 246 6      | 209 42     |                  | 1.41      | 2.28             | 64.1   | 61.6             | 66.8                     | 63.6 | 62.8       | 60.1 |
| August ...   | 288 0      | 196 0      |                  | 0.18      | 2.37             | 66.6   | 61.3             | 68.1                     | 63.2 | 65.7       | 61.4 |
| September    | 177 24     | 150 24     |                  | 1.43      | 2.22             | 60.1   | 57.2             | 61.8                     | 59.1 | 63.6       | 60.0 |
| October ...  | 142 6      | 109 30     |                  | 0.48      | 3.55             | 51.0   | 50.2             | 52.1                     | 52.5 | 57.0       | 56.1 |
| November...  | 71 6       | 61 54      |                  | 1.16      | 3.55             | 44.4   | 43.4             | 45.6                     | 45.8 | 50.7       | 50.4 |
| December ... | 40 36      | 46 36      |                  | 2.51      | 3.33             | 40.5   | 39.7             | 41.1                     | 41.3 | 45.3       | 45.7 |
| WHOLE YEAR   | 1814 48    | 1600 6     |                  | 25.29     | 30.52            | 49.2   | 49.2             | 51.1                     | 50.6 | 51.7       | 51.4 |