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BOROUGH OF ROYAL TUNBRIDGE WELLS.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Year 1917.

Tunbridge Wells:

BALDWIN, GROSVENOR WORKS.

1771/18

SUMMARY OF STATISTICS FOR 1917.

Population Estimated to the middle of the Year, 30,751.¹ Area of the Borough, 3,991 acres.

Rateable Value, £307,572.

Population, 35,703.

Number of Inhabited Houses, 7,671.

Average Number of Persons per House, 4.6.

Density of Population, 8.9 Persons per acre.

Number of Deaths 465 (440 in the Borough, 98 inward transfers, 2 and 73 outward transfers)3.

Crude Death-rate per thousand, 15·1. Average for previous ten years, 12·9. Death-rate corrected for age and sex constitution, 13·1.

Number of Deaths from Zymotic Diseases, 7. Death-rate from Zymotic Diseases, 0.5 per thousand of the population.

Death-rate from Phthisis, 0.97 per thousand living. Death-rate from Tuberculosis, all forms, 1.40.

Number of Births. Boys, 218; Girls, 162; total, 380.

Birth-rate per thousand, 11·1. Average for the previous ten years, 15·7.

Infantile Mortality, 81.6 per thousand born. Average for the previous ten years, 71.9.

Mean Annual Temperature, 48.1°.

Total Rainfall, 31.38.

Hours of Bright Sunshine, 1515hrs. 12mins.

¹ This figure, calculated by the Registrar-General from returns received under the National Registration Act, is less than that of the 1901 and 1911 census and is obviously too small for Tunbridge Wells; it is, however, adopted here for the sake of uniformity with the other records throughout the kingdom based upon similar calculations.

² Inward transfer, means death of person belonging to Borough who died in district beyond the Borough.

³ Outward transfer, means death of person belonging to district beyond the Borough who died within the Borough.

To the Mayor, Aldermen, and Burgesses of the Borough of Tunbridge Wells.

I have pleasure in laying my Annual Report before you upon the health and sanitary condition of the Borough of Tunbridge Wells for the year 1917.

In doing so, I experience, not for the first time, the gratification of being able to state that the general health of the Borough has been satisfactory, and so far as the Mortality from Zymotic disease is concerned, allows me to declare a mere fractional rate per 1,000 and one of the lowest numbers on record.

The report is a brief summary in accordance with the directions contained in the Local Government Board circular dated 28th December, 1917.

During the year we experienced an extensive outbreak of German Measles (or Rubella) as did many other towns in the country, and in consequence I had to close many of the Schools in the Borough.

I must not omit this occasion to pass without reference to the great service Mr. James Cave, the Chief Sanitary Inspector, also the Staff, have rendered in the fulfilment of the duties of the office in the course of the year, and I have to thank Mr. Cave for giving me his assistance in the preparation of this report.

I am,

Your obedient servant,

WM. STAMFORD.

REPORT.

Vital Statistics of the District.

The Registrar-General has estimated the population of the Borough, from figures obtained under the National Registration Act, to be 30,751 for the Death Rate and 34,279 for the Birth Rate.

Births.—The total number of births registered in the district was 318, the rate being 11.1 per thousand as compared with the rate of 14.2 per thousand in 1916. 218 boys and 162 girls were born.

Deaths.—440 deaths were registered in the Borough, and after correction for inward and outward transfers the number of deaths of inhabitants was 465, this gives a death rate of 15.1 per thousand as compared with the same figure exactly for 1916.

The figure for correction supplied by the Registrar-General, in order that it may be compared in age and sex constitution to the death rate in the Kingdom generally, is 0.8683, applying this correction, the Tunbridge Wells death rate is 13.1 per thousand.

Infant Mortality.—31 deaths of infants below one year of age occurred, giving a mortality of 81.6 per thousand as compared with 61.8 per thousand in 1916.

Infectious Diseases.—The administrative work in regard to Infectious Diseases including Tuberculosis has been carried out on the lines laid down in previous reports. The number of cases notified is shown on Table II. and the number of deaths on Table III.

Means to prevent Mortality in Childbirth and Infancy.

2,132 visits (of which 303 were first visits and 1,829 re-visits) were made by the Health Visitors to give advice to mothers on general hygiene of infancy, and has been much appreciated. Special visits have been made when circumstances demanded same, and especially during the warm weather when most danger was to be apprehended from diarrhæa.

The Infant Consultation Centre continues its good work with unabated success under the able direction of Dr. Perkins, who informs me that the total number of mothers and guardians who attended for advice during 1917 was 116, the total number of attendances being 550. Considering the smaller number of births compared with 1916, the above figures prove that mothers appreciate the value of advice obtained at the clinic. The increased price and shortage of milk and other commodities has much increased the difficulty of rearing artificially fed infants, but all in attendance with about two exceptions have survived, and most of them done well as shown in the Baby Week success.

Food Inspection and Sale of Food and Drugs Act.

297lbs. of food, namely 37lbs. beef, 13lbs. liver, 3lbs. kidneys, 20lbs. herrings, 168lbs. mackerel, and 56lbs. cheese were surrendered and dealt with.

108 samples of food were submitted to the Public Analyst. One vendor was prosecuted and fined respectively as follows: Food and Drugs Act, £3 and 10s. 6d. costs; Margarine Act, 5s. and 10s. 6d. costs; Defence of Realm Act, 5s. and 5s. costs.

One prosecution under the Food and Drugs Act was dismissed.

Housing.

All matters requiring attention in regard to housing have been dealt with under the Public Health Acts as shown under Sanitary Inspections of District.

Sanitary Inspections of District.

These Tables present a summary of the work performed by the Sanitary Inspectors during 1917.

- 41 Complaints received and investigated.
 - Premises in respect of which statutory notices have been served.
- 12 Premises in respect of which informal notices have been served.
- 17 Houses, drains and sanitary fittings inspected.
- 194 Visits of re-inspection or to work in course of progress.
 - 5 Drains re-constructed.
- 17 Drains repaired.
- 13 Choked drains cleared and cleansed.
- 18 Inspection chambers constructed.
- 4 Inspection chambers repaired.
- 7 Drain ventilation shafts erected or repaired.
- 5 Soil pipes erected.
- 2 Soil pipes repaired.

12 W.C.'s re-constructed and provided with flushing apparatus.

4 Flushing apparatus repaired.

- 34 Efficient traps substituted for inefficient ones.
- 15 Rain-water and waste pipes disconnected from drains and made to discharge over properly trapped gullies.

11 Yards and areas paved or paving repaired.

7 New w.c. buildings and apparatus constructed.

10 W.C.'s cleansed and repaired.

9 New sinks provided.

- 6 New lavatory basins provided.
- 14 Old sinks provided with new waste pipes.
- 9 Eaves gutters repaired.
 7 Windows repaired.

4 Floors repaired.

10 Air inlets under floors provided.

3 Roofs repaired.

2 Rooms ventilated to the outer air.

Food cupboards ventilated to the outer air.

New food cupboards provided.

House supplied with sufficient supply of water. Samples of water submitted for analysis.

- 51 Rooms cleansed and limewashed.
 - 4 Dustbins provided or repaired.

Various improvements.Hours' observation work.

191 Special inspections of back yards and premises.

176 Inspections of stable yards and manure pits.

41 Offensive accumulations removed.

Stable paved and drained.

68 Inspections of slaughter houses.

38 Inspections of cowsheds, dairies, and milkshops.

6 Inspections of common lodging houses.

- 720 Inspection of food shops.461 Parcels of food examined.
- 297 lbs. food unfit for human consumption seized and destroyed.
- 135 Visits, interviews, etc., re work to be carried out.
 29 Special inspections of urinals at licensed premises.

10 Workrooms limewashed.

1 Workroom measured up for air space.

9 Visits to workshops.

Works carried out under the Infectious Diseases Acts during 1917.

82 Visits to infected houses.

86 Rooms disinfected.

- 1975 Articles of clothing disinfected.
 - 1 Load of bedding removed to the steam disinfector and returned to the respective owners.

18 Visits to disinfect public buildings.

Visits to disinfect St. John Ambulance and private vehicles.
 Visits to disinfect wards at Sanatorium, General Hospital, etc.

1 Load of bedding destroyed.

1 Visit to Sanatorium to disinfect clothing, etc.

8 Visits to flush W.C.'s and drains.

Sanitary Certificates.

The drainage and general sanitary conditions of properties of an aggregate rateable value of £857 were surveyed and reported upon as a result of applications made during the year for sanitary certificates.

MORTALITY FROM ZYMOTIC DISEASES FOR TEN YEARS.

| | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 |
|---|------|------|------|------|------|------|------|------|------|------|
| Scarlet Fever | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enteric Fever | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| Erysipelas | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 2 |
| Diphtheria and Mem- | | | | | | | | | | |
| branous Croup | 1 | 3 | 0 | 8 | 10 | 4 | 1 | 5 | 7 | 1 |
| Diarrhœa & Dysentery | 2 | 4 | 3 | _ | | - | - | - | - | _ |
| Diarrhœa & Enteritis | - | - | - | 18 | 2 | 2 | 4 | 4 | 5 | 1 |
| Small-pox | | 0. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles | 3 | 7 | 1 | 3 | 1 | 0 | 8 | 1 | 1 | 2 |
| Whooping Cough | 3 | 3 | 3 | 8 | 0 | 2 | 21 | 3 | 5 | 0 |
| Total number of deaths from Zymotic Diseases | 10 | 20 | 8 | 38 | 14 | 9 | 34 | 15 | 18 | 7 |
| Percentage upon deaths from all causes | 2.4 | 4 2 | 1.9 | 9.1 | 3.5 | 2 4 | 6.7 | 27 | 3.7 | 15 |
| Zymotic Death Rate per thousand living | 0.3 | 0.5 | 0.2 | 1.0 | 0.3 | 0.2 | 0.9 | 0.4 | 0.5 | 0.2 |

Seasonal Incidence of Acute Infectious Diseases, 1917.

| German Measles. | 17 588 173 160 105 39 30 7 7 | 009 |
|-------------------------------------|---|-------|
| Measles. | 61 61 11 8 75 - 52 65 - 62 4 | 91 |
| Acuta Polio- myeli, is. | | 1 |
| Cerebro- Spinal Fever. | | 1 |
| Puerperal Fever. | | 1 |
| Ophthal- mia Neona- torum. | | 67 |
| Erysipelas | 61 82 - 63 64 | 13 |
| Enteric I ever. | | ¢1 |
| Diph- theria. | 4-00-14-01-07 | 40 |
| Scarlet Fever. | 1 1 1 1 1 1 1 1 | 12 |
| | | : |
| Month. | January February April June July August September October November December | Total |

Population, Eirth and Death Rates from 1907 to 1917.

| Year. | Estimated Population. | Birth-rate per 1,000. | Death-rate per 1,000. | Infantile Mortality. | Zymotic Death-rate |
|-----------|--------------------------|--------------------------|--------------------------|-------------------------|-----------------------|
| | | | | - | |
| 1907 | 35,273 | 16.8 | 13.6 | 73.9 | 1.1 |
| 1908 | 35,573 | 17.3 | 11.7 | 81.4 | 0.3 |
| 1909 | 35,873 | 17.2 | 13.2 | 59.8 | 0.5 |
| 1910 | 36,173 | 16.3 | 11.3 | 75.8 | 0.2 |
| 1911 | 35,778 | 15.8 | 11.5 | 86.4 | 1.0 |
| 1912 | 36,038 | 15.8 | 11.0 | 43.8 | 0.3 |
| 1913 | 36,298 | 15.0 | 12.1 | 66.0 | 0.2 |
| 1914 | 36,460 | 13.8 | 13.8 | 79.2 | 0.9 |
| 1915 | 33,430 | 15.2 | 16.6 | 91.7 | 0.4 |
| 1916 | 32,316 | 14.2 | 15.1 | 61.8 | 0.5 |
| 10 Years' | Average | 15.7 | 12.9 | 71.9 | 0.5 |
| 1917 | 30,751 | *11.1 | 15.1 | 81.6 | 0.2 |

^{*}Estimated Population 34,279.

Quarterly Death-Rate per thousand per annum for a period of Five Years.

| | 1913 | 1914 | 1915 | 1916 | 191 |
|-------------|----------|------|------|------|-----|
| 1st Quarter | 14.6 | 18.8 | 23.2 | 17.5 | 21. |
| 2nd Quarter | 11.4 | 10.3 | 16.0 | 15.0 | 13. |
| 3rd Quarter | 10.0 | 13.0 | 11.9 | 13.6 | 10. |
| 4th Quarter | 12.2 | 13.0 | 15.4 | 14.2 | 15 |

Number of Deaths:-

| First Quarter | 165 | |
|----------------|---------|-----------------------|
| Second Quarter | 100 | Quarterly death-rates |
| Third Quarter | 78 | worked out on a |
| Last Quarter | 122 | population of 30,751 |
| | | for all the year. |
| | 465 | 1 |

Showing the Number of Deaths at Ages beyond Sixty years,

| Over 9 | | | | | ••• | | 11 | |
|--------|----|-------|------|-------|---------|-----|-----|--|
| Under | 90 | and | over | 80 | | | 70 | |
| Under | 80 | and | over | 70 | | | 111 | |
| Under | 70 | and | over | 60 | | | 90 | |
| | | | | To | tal | | 282 | |
| | /T | Death | s at | all a | ges, 46 | (5) | | |

Showing the Mortality at Several Ages for a period of Five Years.

| | | 1913 | 1914 | 1915 | 1916 | 1917 |
|--------|-----------------|------|------|------|------|------|
| Deaths | at under 1 year | 36 | 40 | 51 | 31 | 31 |
| ,, | 1 and under 2 | 3 | 13 | 7 | 6 | 6 |
| ,, | 2 and under 5 | 7 | 13 | 11 | 6 | 3 |
| ,, | 5 and under 15 | 12 | 18 | 20 | 16 | 18 |
| ,, | 15 and under 25 | 8 | 14 | 12 | 17 | 16 |
| " | 25 and under 45 | 48 | 55 | 43 | 38 | 33 |
| ,, | 45 and under 65 | 104 | 103 | 121 | 104 | 117 |
| ,, | 65 and upwards | 222 | 248 | 291 | 269 | 241 |
| | Totals | 440 | 504 | 556 | 487 | 465 |

Causes of Infantile Mortality 1908-1917.

| | 1908 | 1909 | 0161 | 1161 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | Total Total 1909 1910 1911 1912 1913 1914 1915 1916 1917 10 years | Rate per 1000 Births. |
|------------------------|-----------|------|------|------|-----------|------|------------|-----------|------|-----------|---|-----------------------------|
| | | 1 | | | | | | | | | | |
| Marasmus | 9 | 10 | 1- | c3 | 00 | Ξ | 9 | 60 | 9 | 61 | 51, | ₽ -6 |
| Premature Birth | 10 | 6 | 15 | 6 | -1 | 10 | 9 | 11 | 1 | 10 | 88 | 16.4 |
| Bronchitis | 5 | - | 4 | 9 | : | - | c 1 | 00 | က | 1 | 26 | 4.8 |
| | co | co | C1 | 00 | 0.1 | 61 | C1 | 6 | - | 5 | 32 | 5.9 |
| re. | ÇÌ | 5 | 1 | 67 | - | : | 61 | 10 | ¢1 | 61 | 22 | 4.1 |
| Defects | 5 | 01 | - | co | 5 | - | co | 20 | co | : | 28 | 5.1 |
| | 4 | Ç1 | 10 | 11 | : | - | 00 | 60 | - | : | 30 | 2.2 |
| Whooping Cough | C1 | - | co | 50 | : | : | 00 | - | 67 | : | 22 | 4.1 |
| : | : | : | : | - | : | : | : | C3 | : | - | 4 | 0.7 |
| | : | : | : | : | : | : | - | - | : | : | ¢1 | 7.0 |
| Non-Tubercular Menin- | | | | | | | | | | | | |
| gitis | : | : | c1 | - | : | : | : | - | : | - | 10 | 6.0 |
| lar Men | : | : | _ | : | - | - | : | : | :: | : | 00 | 9.0 |
| Tubercular Peritonitis | - | : | : | : | : | : | : | : | : | : | 1 | 0.5 |
| Svphilis | - | : | : | : | : | 67 | - | - | : | 63 | 7 | 1.3 |
| 88 | : | : | : | : | : | : | : | : | : | : | : | : |
| ses | = | 6 | ₩ | 9 | 9 | 12 | 9 | 9 | 9 | 1 | 73 | 13.4 |
| | | | | | | | | | | | | |
| Total Deaths below | - | | | | 1 | | | ; | | | 200 | |
| l year | 20 | 37 | 45 | 43 | 52 | 36 | 40 | 21 | 31 | 200 | 395 | : |
| | - | 1 | İ | 1 | 1 | 1 | 1 | 1 | | | | |
| Rate per 1 000 Births | 81-4 59-8 | 8.69 | 75.8 | 86.4 | 86.4 43.8 | 0.99 | 79.2 | 91.7 | 61.8 | 61.8 81.6 | 72.8 | : |
| was ber more parents | | 000 | | | | | | | | | | |

The number of Births during the 10 years (1908-1917) was 5,429.

TABLE I.

Vital Statistics of Whole District during 1917 and Previous Years.

| _ | | _ | | | _ | | | | | |
|--|----------------------|----------------------------|--------------------------------------|----|--------|--------|--------|--------|--------|--------|
| District. | Ages | | Rate. | 13 | 0.11 | 12.1 | 13.8 | 9.91 | 1.51 | 12.1 |
| ing to the l | At all Ages | | Number. | 12 | 398 | 440 | 504 | 556 | 487 | 465 |
| Nett Deaths belonging to the District. | ar of Age. | | nate per 1,000 Nett Births. | 11 | 43.8 | 0.99 | 79.2 | 2.16 | 8.19 | 9.13 |
| Nett Dea | Under I Year of Age. | | Number. | 01 | 22 | 36 | 40 | 21 | 31 | 31 |
| erable | | of Resi- | registered in the District. | 6 | 53 | 69 | 62 | 69 | 09 | 86 |
| Transferable | Deaths. | of Non- | registered in the District. | 00 | 52 | 44 | 52 | 50 | 53 | 73 |
| Deathe | d in the | rict. | Rate. | 7 | 0.11 | +.II | 13.5 | 1.91 | 14.9 | 14.3 |
| Total Deaths | Registered in the | District, | Number. | 9 | 397 | 415 | 464 | 537 | 480 | 440 |
| | t | | Rate | 5 | 15.8 | 15.0 | 13.8 | 15.5 | 14.2 | 1.11 |
| Births. | Nett. | | Number. | 4 | 570 | 545 | 505 | 556 | 502 | 380 |
| | 11. | corrected | Number. | 3 | 580 | 557 | 496 | 544 | 480 | 396 |
| | | Population estimated to | .0 | 64 | 36,038 | 36,298 | 36,460 | 33,430 | 32,316 | 30,751 |
| | | Vear | | I | 1912 | 1913 | 1914 | 1915 | 9161 | 7161 |

TABLE II.

Cases of Infectious Disease notified during the Year 1917.

| _ | | | | _ | - | _ | - | _ | | | | _ | _ | - | _ | - | - | - | |
|------------------------------|------------------------|---------------------------|-----------|------------------------|--|-----------|---------------|--------------|---------------|---|-----------------|---------------------------|---------------|-----------------------|------------------------|-----------------------------|---------|----------------|--------|
| E | Cases | removed to Hospital | : | *** | 39 | : | 11 | : | 1 | : | : | : | : | : | 6 | *** | : | ©1 | 62 |
| n each | riet. | West Ward. | : | : | 15 | 9 | :: | : | : | : | : | : | : | - | 00 | 00 | 45 | 224 | 302 |
| otified i | of the District. | East Ward. | : | : | 12 | က | : | : | : | : | | : | : | : | 12 | 4 | 1- | 97 | 135 |
| Total Cases Notified in each | Ward) of the District. | South Ward. | : | : | 4 | 01 | 00 | :: | - | : | : | : | : | : | 10 | 4 | 13 | 133 | 170 |
| Total | Ward) | North Ward. | : | : | 6 | 01 | 6 | : | - | : | | : | :: | - | 15 | 23 | 56 | 146 | 212 |
| | | bns 60 sbrawqu | : | : | : | : | : | : | : | : | : | : | : | : | - | - | : | : | 62 |
| d. | 10 | 42 to 62 | : | : | - | 1- | : | : | : | : | : | : | :: | :: | 13 | - | - | 00 | 31 |
| otifie | Year | 25 to 45 | : | :: | 4 | 9 | - | : | - | : | : | : | : | : | 17 | :: | 11 | 73 | 113 |
| N ses | ges | 12 to 52 | : | : | 00 | : | 01 | : | : | : | : | : | : | : | Ξ | 9 | 1- | 114 | 143 |
| of Cases Notified. | At Ages.Years. | 61 of 6 | : | : | 55 | : | 00 | : | : | : | : | :: | : | : | 00 | 00 | 43 | 328 | 407 |
| No c | | .d of I | : | : | 10 | : | - | : | - | : | : | : | : | : | : | 33 | 58 | 69 | 112 |
| | | Under I. | : | : | : | : | : | : | : | : | : | : | : | 61 | : | : | 1 | 00 | 11 |
| | .se | gA He tA | : | : | 40 | 13 | 15 | : | 0.1 | : | : | : | : | G1 | 45 | 14 | 9.1 | 009 | 819 |
| | | | : | | Croup | | : | : | : | er (C) | : | : | *** | : | : | : | | : | : |
| | | ń | : | : | ranous | | : | : | : | ed Fev | : | : | : | :: | : | | : | : | :: |
| | | Notifiable Disease. | Small-pox | Cholera (C) Plague (P) | Diphtheria, including Membranous Croup | rysipelas | Scarlet Fever | Typhus Fever | Enteric Fever | Relapsing Fever (R) Continued Fever (C) | Puerperal Fever | Cerebro-spinal Meningitis | Poliomyelitis | Ophthalmia Neonatorum | Pulmonary Tuberculosis | Other forms of Tuberculosis | Measles | German Measles | Totals |

20 Beds. Scarlet Fever ... 40 Beds. Diphtheria ... 17 Beds. ... All Beds required. : The Accommodation provided for the treatment of Infectious Diseases is as follows :-THE SANATORIUM (The Tunbridge Wells Isolation Hospital) situate in Tunbridge Wells...

THE GENERAL HOSPITAL, situate in Tunbridge Wells (the Authorities are under an Agreement at a contract price to treat cases of Enteric Fever)

THE DISLINGBURY HOSPITAL for Small-pox and Plague, situate at Capel in the Tonbridge Rural District, belonging to the Joint Hospital Board of the Tunbridge Wells Corporation, the Tonbridge Urban District Council, the Southborough Urban District Council, and the Tonbridge Rural District Council ...

TABLE III.

Causes of, and Ages at Death during the Year 1917.

| | | | | | No. | ett De | aths at r occur | the su | bjoine vithin o | d Ages or with | of " k | tesider e Distr | ict. | Total Death whether of residents of |
|-------------------------|-----------|----------|---------------|---------|---|-----------------|--------------------|------------|-------------------------------|-------------------|-------------|--------------------|----------|---|
| (| CAUSES (| OF DEAT | H. | | All Ages. | Und'r I year | under 2 | under 5 | 5 and under 15 years | under 25 | under 45 | under 65 | wards | non-resident |
| | | (1) | | | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| All Causes | Certified | - | | ļ | 457 8 | 29 2 | 4 2 | 3 | 18 | 16 | 31 2 | 117 | 239 2 | |
| Enteric Fe | ver | | | | 1 | | | | 1 | | | | | |
| Small Pox | | | | | | | | | | | | | | |
| Measles | | | | | 2 | | 2 | | | | | | | |
| Scarlet Fe | | | | | | | *** | | | | | | | |
| Whooping | | | | | | | | | | | | | | |
| Diphtheria | | oup | | | 100000000000000000000000000000000000000 | *** | | | | | | 1 | | 3 |
| Influenza | | | | | | | *** | | 1 | 1 | 1 | 2 | 5 | 1 |
| Erysipelas | | m. 1 | 7 10 | • • • • | | | | | | | 10 | 1 | 1 | |
| Phthisis (I | | | | | 100000 | | | | | 6 | 10 | 11 | 3 | 2 |
| Tuberculou Other Tub | | | | | 11 | 2 | 1 | | 2 | 4 | | 2 | | 2 |
| Cancer, Ma | | | | | 5.4 | 1.15 | 100 | | - | | | 28 | 26 | 6 18 |
| Rhoumatic | | Disease | *** | *** | 9 | *** | | | | 1 | *** | | 1 | |
| Meningitis | Tover | | | | 1 | | *** | | | | 1 | | | |
| Organic He | eart Dise | | | | 0.0 | | | | 2 | ï | 2 | 18 | 37 | 2 |
| Bronchitis | | | | | 90 | 1 | | | | | | 7 | 31 | |
| Pneumonia | | ms) | | | 0.1 | 5 | 1 | 1 | 2 | | 2 | 9 | 11 | 2 |
| Other Disc | | | | | 8 | | | | 1 | | 2 | 2 | 3 | 3 |
| Diarrhea a | | | | | 1 | 1 | , | | | | | | | |
| Appendicit | is and T | yphlitis | | | 4 | | | | 2 | | | 1 | 1 | 4 |
| Cirrhosis of | Liver | | | | 3 | | | | | | | 2 | 1 | *** |
| Alcoholism | | | *** | | | *** | | | | | | | | |
| Nephritis | | | isease | | 6 | | | | | | | 2 | 4 | 2 |
| Puerperal | | 1.70 | *** | | | | | | | | | | *** | |
| Other Acc | | | | eg- | 0 | | | | | | | | | |
| | and Par | | alfannati | | 6 | 2 | | *** | | 1 | 2 | 1 | | 2 |
| Congenital | ng Prem | | | | 13 | 12 | 1 | | 1 | | | | | |
| Violent De | athe ove | aluding | Suicida | | E | 12 | 1 | *** | | | | | 1 | 7 |
| | | | ouicide | *** | - 64 | 1 | | | - | | 1 | ï | 1 | |
| Other defin | | ases | | | 168 | 7 | 1 | 2 | 3 | 2 | 11 | | 114 | 16 |
| Diseases il | | | | | - | | | | | | | 1 | 1 | |
| | | | Totals | - | 465 | 31 | 6 | 3 | 18 | 16 | 33 | 117 | 211 | 70 |

TABLE IV.

INFANT MORTALITY.

1917. Nett Deaths from stated causes at various Ages under 1 Year of Age.

| CAUSE OF DEATH. | Under 1 Week. | 1.2 Weeks | 2-3 Weeks | 3-4 Weeks | Total under 1 Month | 1-3 Months | 3-6 Months | 6-9 Months | 9-12 Months | Total Deaths under 1 Year. |
|--|---------------|------------------|------------------|-------------|------------------------|-------------|-----------------|------------|-------------|-------------------------------|
| All causes Certified Uncertified | 12 | 4 | 1 | 1 | 18 | 3 | 4 | 2 | 2 | 29 2 |
| Small-pox Chicken-pox Measles Scarlet Fever Whooping-cough Diphtheria and Croup Erysipelas Tuberculous Meningitis Abdominal Tubercu- | | | | | 11111111 | | | | | |
| Other Tuberculous Diseases Meningitis (not Tuber- | _ | _ | _ | _ | _ | _ | 1 | _ | _ | 1 |
| culous) Convulsions Laryngitis Bronchitis Pneumonia (all forms) Diarrhœa | | | | | | 1 1 1 | 1 - 2 | | 1 - 2 | 1 2 - 1 5 |
| Gastritis Syphilis Rickets Suffocation (overlying) Injury at Birth | | | | 111111 | | 111111 | 11111 | | | |
| Atelectasis Congenital Malformations Premature Birth Atrophy, Debility and Marasmus | | - - 3 1 | _ _ _ _ | _ _ 1 | | 1 11 1 | | 1 11 1 | | 10 |
| Other causes Totals | 12 | 4 | 1 | 1 | 18 | 4 | 4 | 2 | 3 | 31 |

| NETT BIRTHS IN THE YEAR- | | | | | NETT DEATHS IN THE YEAR | or- | |
|--------------------------|------|--|--|-----|-------------------------|-----|----|
| Legiti | mate | | | 355 | Legitimate Infants | | 24 |
| Illegitimate | | | | 25 | Illegitimate Infants | | 6 |
| | | | | | Unknown | | 1 |

The following corrected figures for deaths of residents belonging to the Borough during 1917 was supplied by the Registrar-General, viz., 468 or 15.2 per thousand. There is some slight discrepancy between the figures obtained from the annual and the quarterly returns received from the same source which makes a difference of one decimal point.

Causes of Death during the Year 1917, in Tunbridge Wells.

Figures supplied by the Registrar-General.

| Civilians only, all Cause | es | *** | | Males. 212 | Females 256 |
|----------------------------------|--------|------|-----|---------------|----------------|
| | | | | | |
| Enteric Fever | | | | 1 | - |
| Measles | | *** | *** | 1 | 1 |
| Whooping Cough | | | | | - |
| Diphtheria or Croup | | | | | 1 |
| Influenza | | *** | | 4 | 6 |
| Pulmonary Tuberculosis | | | | 15 | 18 |
| Erysipelas | | *** | | 1 | 2 |
| Tuberculous Meningitis | | | | 2 | 1 |
| Other Tuberculous Diseases | | | | 7 | 1 |
| Cancer, Malignant Disease | | | | 21 | 35 |
| Rheumatic Fever | | | | 1 | _ |
| Meningitis | | | | 1 | |
| Organic Heart Disease | | | | 36 | 30 |
| Bronchitis | | | | 17 | 20 |
| Pneumonia (all forms) | | | | 14 | 13 |
| Other Respiratory Diseases | | *** | *** | 4 | 3 |
| Diarrhoea, etc., (under 2 years) | | | | 1 | - |
| Appendicitis and Typhlitis | | | | 1 | 4 |
| Cirrhosis of Liver | | *** | | 3 | - |
| Nephritis and Bright's Disease | 3 | | | 3 | 5 |
| Puerperal Fever | | | | - | 2 |
| Parturition, apart from Puerper | ral Fe | ever | | - | 2 3 |
| Congenitial Debility, etc. | | | | 8 | 6 |
| Violence, apart from Suicide | | | | 3 | 5 |
| Suicide | | | | 2 | 1 |
| Other defined Diseases | | | | 64 | 97 |
| Causes ill-defined or unknown | | | | 2 | 2 |
| Deaths of Infants under 1 year | of a | | | 20 | 13 |
| Tomas Dromes | | | | 995 | 171 |
| Total Births | | *** | | 225 | 171 |
| Legitimate | | *** | | 207 | 150 |
| Illegitimate | *** | | | 18 | 21 |

Population for Death Rate ... 30,751 ,, ,, Birth Rate ... 34,279