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1925.

THE

# ANNUAL REPORTS

OF THE

Medical Officer of Health

AND THE

Sanitary Inspector

OF THE

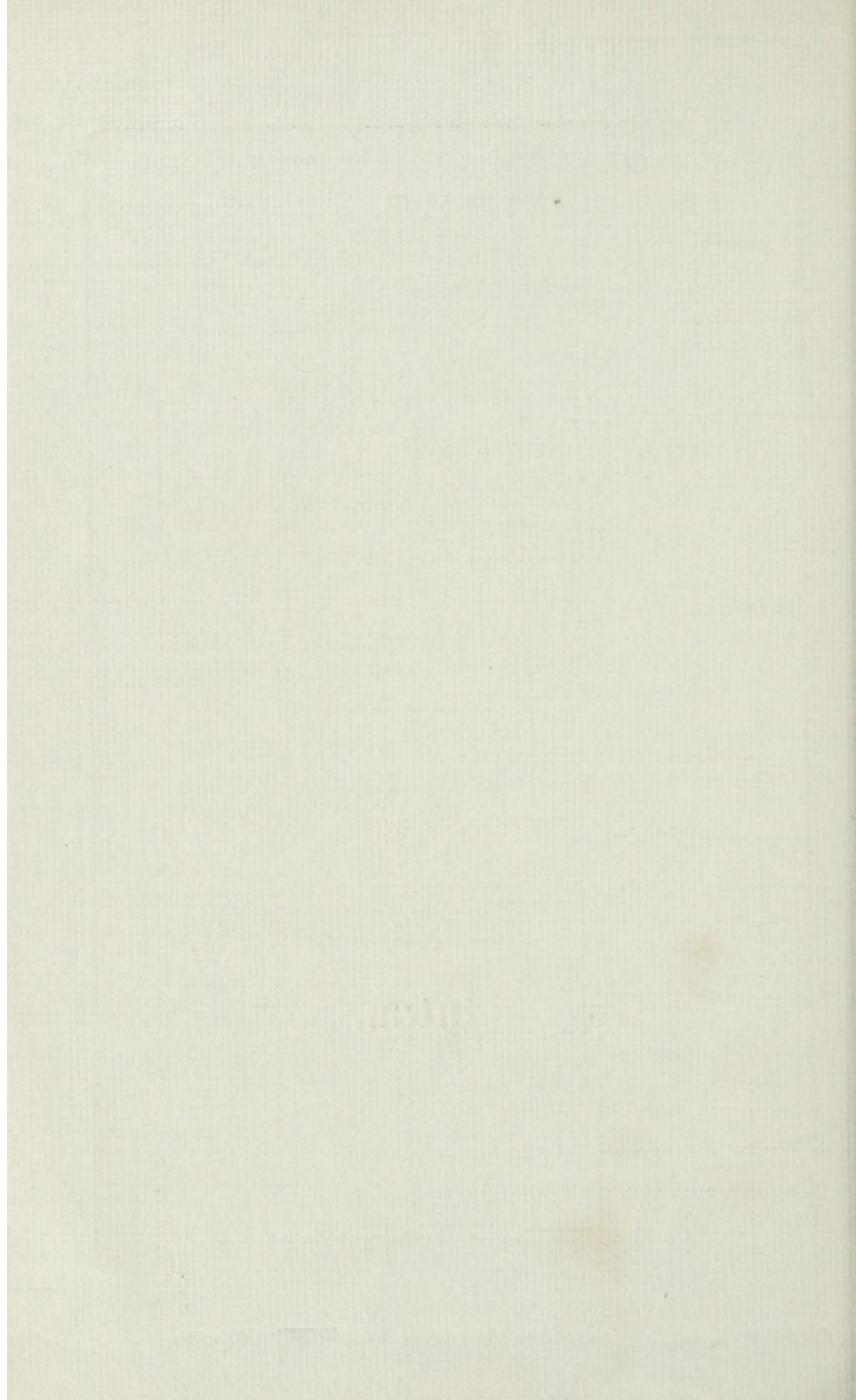
Urban District Council,  
Paignton.

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# ANNUAL REPORT

OF THE

## *Medical Officer of Health*

For 1925.



TO THE CHAIRMAN AND COUNCILLORS OF THE URBAN DISTRICT  
OF PAIGNTON.

GENTLEMEN, —

I have the honour to submit my Report for 1925.

### 1.— GENERAL STATISTICS.

|                                       |          |
|---------------------------------------|----------|
| Area (acres) ... ..                   | 5,177    |
| Population (1925) ... ..              | 14,340   |
| Number of inhabited houses (1925) ... | 4,100    |
| Rateable Value ... ..                 | £107,788 |
| Sum represented by a Penny Rate ...   | £402     |

### 2.—EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

|                           | M.    | F.  | Total |
|---------------------------|-------|-----|-------|
| Births, Legitimate ... .. | 69    | 71  | 140   |
| „ Illegitimate ... ..     | 3     | 3   | 6     |
| Birth Rate (R.G.) ... ..  | 10.18 |     |       |
| Deaths ... ..             | 74    | 112 | 186   |
| Death Rate (R.G.) ... ..  | 12.9  |     |       |

Number of women dying in, or in consequence of, childbirth—

From sepsis ... Nil.

From other causes ... Nil.

Deaths of Infants under 1 year of age. Totals.

Legitimate, 8. Illegitimate, 1 — 9.

|  |      |
|--|------|
| Deaths from Measles (all ages) ... ..      | Nil. |
| „ „ Whooping Cough (all ages) ... ..       | 2    |
| „ „ Diarrhœa (under 2 years of age) ... .. | Nil. |

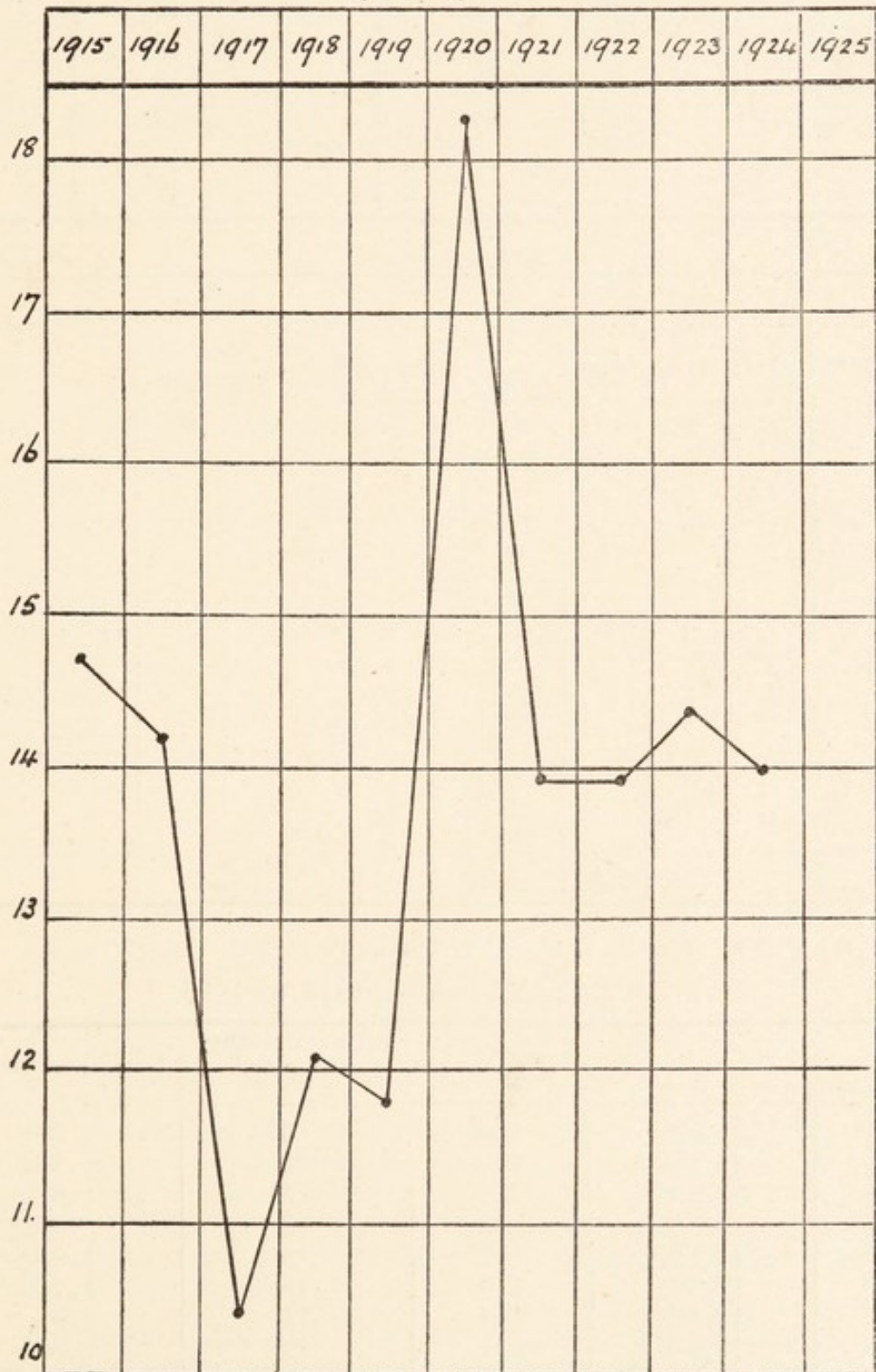
# BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1925.

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

|  | BIRTH-RATE<br>PER<br>1,000<br>TOTAL<br>POPULATION | ANNUAL DEATH-RATE PER 1,000 POPULATION. |                |            |          |                |                 |             |            | RATE PER<br>1,000 BIRTHS. |  | PERCENTAGE OF<br>TOTAL DEATHS.     |                                  |                |                                    |
|--|---|---|----------------|------------|----------|----------------|-----------------|-------------|------------|---------------------------|--|------------------------------------|----------------------------------|----------------|------------------------------------|
|  |   | All Causes.                             | Enteric Fever. | Small-pox. | Measles. | Scarlet Fever. | Whooping Cough. | Diphtheria. | Influenza. | Violence.                 | Diarrhoea and<br>Enteritis (under<br>2 years). | Total Deaths<br>(under<br>1 year). | Certified<br>Causes<br>of Death. | Inquest Cases. | Uncertified<br>Causes<br>of Death. |
|  |   |   |                |            |          |                |                 |             |            |                           |  |                                    |                                  |                |                                    |
| England and Wales  | 18.3  | 12.2                                    | 0.01           | 0.00       | 0.13     | 0.03           | 0.15            | 0.07        | 0.32       | 0.47                      | 8.4  | 75                                 | 92.1                             | 6.9            | 1.0                                |
| 105 County Boroughs and<br>Great Towns, including<br>London        | 18.8  | 12.2                                    | 0.01           | 0.00       | 0.17     | 0.03           | 0.18            | 0.09        | 0.30       | 0.43                      | 10.8   | 79                                 | 92.1                             | 7.3            | 0.6                                |
| 157 Smaller Towns (1921<br>Adjusted Populations,<br>20,000-50,000) | 18.3  | 11.2                                    | 0.01           | —          | 0.15     | 0.02           | 0.14            | 0.06        | 0.31       | 0.38                      | 7.6  | 74                                 | 93.0                             | 5.9            | 1.1                                |
| London   | 18.0  | 11.7                                    | 0.01           | 0.00       | 0.08     | 0.02           | 0.19            | 0.11        | 0.23       | 0.46                      | 10.6   | 67                                 | 91.1                             | 8.9            | 0.0                                |
| PAIGNTON   | 10.18   | 12.9                                    | 0.06           | —          | —        | —              | 0.13            | —           | 0.27       | 0.41                      | —  | 68                                 | 96.3                             | 3.2            | 0.5                                |



CHART SHOWING BIRTH RATES FOR  
YEARS - 1915-1925.  
(per 1000)



## AGE INCIDENCE OF CASES OF INFECTIOUS DISEASE

| DISEASE.                     | 1-5 | 5-10 | 10-15 | 15-25 | 25-45 | 45 upward |
|------------------------------|-----|------|-------|-------|-------|-----------|
| Scarlet Fever ... ..         | 5   | 2    | 4     | 2     |       |           |
| Pneumonia ... ..             | 2   |      | 2     |       | 2     | 5         |
| Paratyphoid and Typhoid...   | 1   | 1    | 1     | 2     | 4     | 1         |
| Erysipelas ... ..            |     |      |       |       | 2     |           |
| Cerebro Spinal Meningitis... | 1   |      |       |       |       |           |
| Diphtheria ... ..            |     |      |       | 3     | 1     |           |
| TOTALS ... ..                | 9   | 3    | 7     | 7     | 9     | 6         |

## TUBERCULOSIS.

| AGE PERIODS. | NEW CASES. |    |               |    | DEATHS.   |    |               |    |              |
|--------------|------------|----|---------------|----|-----------|----|---------------|----|--------------|
|              | Pulmonary  |    | Non-Pulmonary |    | Pulmonary |    | Non-Pulmonary |    |              |
|              | M.         | F. | M.            | F. | M.        | F. | M.            | F. |              |
| 0 ... ..     |            |    |               |    |           |    |               |    |              |
| 1 ... ..     |            |    |               |    | 1         |    |               |    |              |
| 5 ... ..     | 1          |    | 1             |    |           |    |               |    |              |
| 10 ... ..    |            |    | 3             |    |           |    |               |    |              |
| 15 ... ..    |            |    |               |    | 1         | 1  |               |    |              |
| 20 ... ..    | 1          | 3  |               |    | 1         | 1* |               |    | *And Pleura. |
| 25 ... ..    | 3          | 2  |               |    |           | 2  |               |    |              |
| 35 ... ..    | 4          | 1  |               | 2  |           | 1  |               |    | *And T.B. of |
|              |            |    |               |    |           | 1* |               |    | Kidney.      |
| 45 ... ..    | 2          | 1  |               |    |           |    |               |    |              |
| 55 ... ..    |            | 2  |               |    | 2         | 2  |               |    |              |
| 65 upwards   | 1          | 1  |               |    |           |    |               |    |              |
| TOTALS ...   | 11         | 10 | 4             | 2  | 5         | 8  |               |    |              |

TABLE SHOWING INFANT MORTALITY PER 1,000  
POPULATION—From 1915 to 1925.

| Date. | Population. | Total Deaths. | Infant Mortality Deaths. | Ratio per 1000. |
|-------|-------------|---------------|--------------------------|-----------------|
| 1915  | 11,880      | 185           | 9                        | .58             |
| 1916  | 11,683      | 190           | 14                       | .86             |
| 1917  | 11,166      | 181           | 13                       | .8              |
| 1918  | 11,953      | 162           | 12                       | .89             |
| 1919  | 12,484      | 182           | 15                       | 1.03            |
| 1920  | 12,981      | 170           | 15                       | 1.146           |
| 1921  | 12,480      | 184           | 14                       | .95             |
| 1922  | 12,590      | 201           | 10                       | .63             |
| 1923  | 13,050      | 167           | 13                       | .86             |
| 1924  | 13,890      | 212           | 16                       | 1.05            |
| 1925  | 14,340      | 186           | 10                       | .69             |



TABLE SHOWING CANCER DEATHS PER 1,000  
POPULATION—From 1915 to 1925.

| Date. | Population. | Total Deaths. | Cancer Deaths. | Ratio per 1000 |
|-------|-------------|---------------|----------------|----------------|
| 1915  | 11,880      | 185           | 21             | .66            |
| 1916  | 11,683      | 190           | 22             | 1.3            |
| 1917  | 11,166      | 181           | 24             | 1.48           |
| 1918  | 11,953      | 162           | 24             | 1.75           |
| 1919  | 12,484      | 182           | 23             | 1.36           |
| 1920  | 12,981      | 170           | 21             | 1.6            |
| 1921  | 12,480      | 184           | 26             | 1.76           |
| 1922  | 12,590      | 201           | 26             | 1.6            |
| 1923  | 13,050      | 167           | 22             | 1.72           |
| 1924  | 13,890      | 212           | 28             | 1.83           |
| 1925  | 14,340      | 186           | 16             | 1.12           |

NOTIFIABLE DISEASES DURING THE YEAR.

| Disease.   | Total Cases<br>Notified. | Cases<br>admitted<br>to Hospital. | Total Deaths |
|--|--------------------------|-----------------------------------|--------------|
| Diphtheria ... ..                                | 4                        | 4                                 | 1            |
| Scarlet Fever ... ..                             | 13                       | 7                                 |              |
| Enteric Fever (including Para-<br>yphoid) ... .. | 10                       | 6                                 |              |
| Pneumonia ... ..                                 | 11                       |                                   |              |
| Erysipelas ... ..                                | 3                        |                                   |              |
| Enciphalitis Lethargica ... ..                   |                          |                                   |              |
| Tuberculosis—                                    |                          |                                   |              |
| Pulmonary { M. 12                                |                          |                                   | 5            |
| { F. 9   |                          |                                   | 8            |
| { Total ...                                      | 21                       |                                   |              |
| Non-Pulmonary { M. 4                             |                          |                                   |              |
| { F. 2   |                          |                                   |              |
| { Total ...                                      | 6                        |                                   |              |
| Cerebro Spinal Meningitis ... ..                 | 1                        | 1                                 | 1            |

**3.—Professional Nursing in the Home.**—(a) General. There is one Queen's Nurse for the District. She works under a Committee, and is paid out of the Fees and subscriptions and donations. The Local Authority subscribes £5 year.j. There are also Private Nursing Homes, which take in Patients and supply Trained Nurses—medical, surgical and maternity.

(b) There is also the Isolation Hospital for Infectious Diseases, with a Trained Staff entirely under the control of the Local Authority. The latter receives suitable cases on payment from the Local Authorities of Brixham Urban District, Dartmouth Borough, Totnes Rural District, and Buckfastleigh.



There is a Maternity and Child Welfare Centre for consultation and advice. The latter is given by a Lady Doctor.

There is one General Hospital within the Urban District, but takes in cases from outside the Urban District. One Local Authority gives £20 yearly, but has no voice in its management. It has a Male Children's Ward, a Female Ward containing five beds, and a small Ward for five beds. A Private Ward with one bed. It is too small.

Arrangements have been made for the reception of expectant mothers in insanitary houses into a Nursing Home by the Local Authority; both married and unmarried.

**Ambulance Facilities.**—(a) For infectious cases; (b) For non-infectious and accident cases. One Ambulance acts for (a) and (b) under control of Medical Officer of Health.

#### LABORATORY WORK.

Bacteriological Specimens are sent to the County Authority, and they issue Diphtheria Antitoxine, etc.

#### ACTS ADOPTED BY THE COUNCIL.

The Council are promoting a Bill in Parliament in Session 1926 to confer on them additional powers in relation to public health matters so as to better enable the Council to safeguard the health of the inhabitants and visitors to their district.

The Council have also decided to adopt the adoptive Sections of the Public Health Act, 1925, but several of these Sections deal with powers which the Council already possess under Local Acts.

**Midwives.**—Mrs. Stook—salary, £115. Nurse Spray, 29, Stanley Gardens; no County Grant; salary, £150 inclusive. Privately provided by Mrs. Whitley for Collaton, Compton and Marlton. Miss Goulding, Redvers, Cecil Road. Miss Mumford, 8, Bay View, Preston. Midwives do not come within the jurisdiction of this Council.

**District Nurse.**—Miss Daniells, Parish School House. Salary, £180. Paid from subscriptions and fees; under Committee.

No Day Nursery.

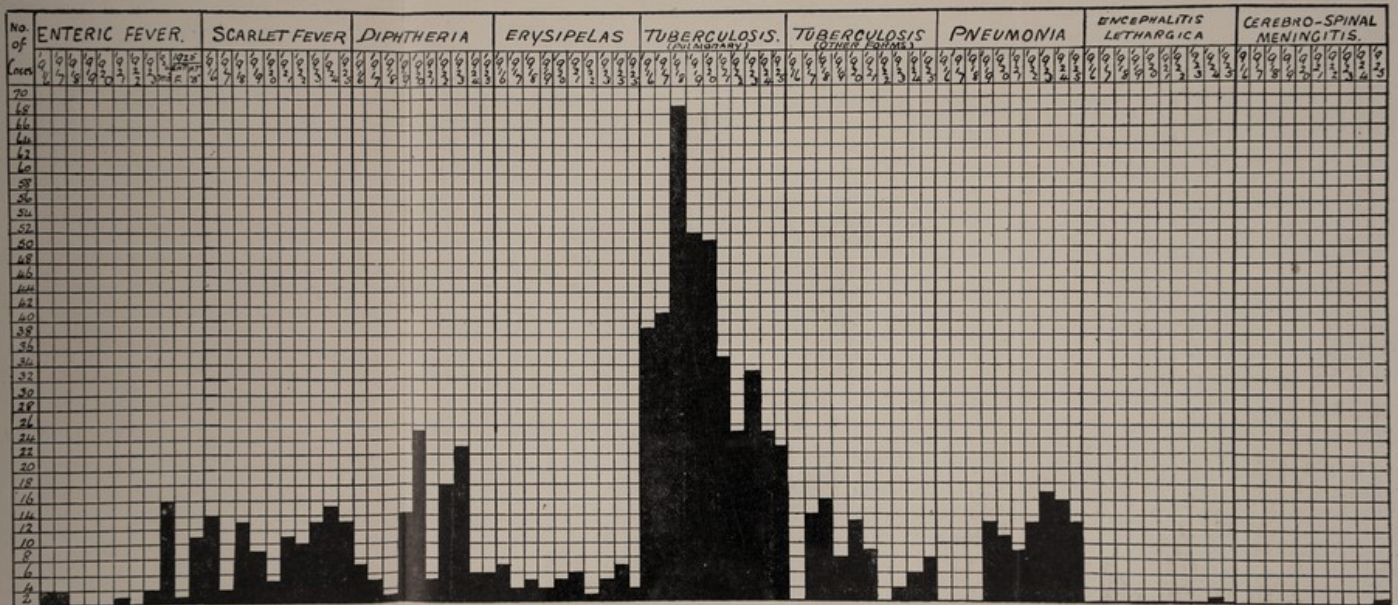
**School Clinics.**—1, Curledge Street, Board Room County Education.

**Tuberculosis.**—None.

A Public Abattoir is, it is hoped, about to be secured. The inspection of the existing slaughter-houses has been duly carried out. The position of some is entirely out of place.

Dairies, Cowsheds and Milkshops have been visited and inspected, and suggestions often made for improving their condition.

CASES OF INFECTIOUS DISEASE NOTIFIED 1916 - 1925







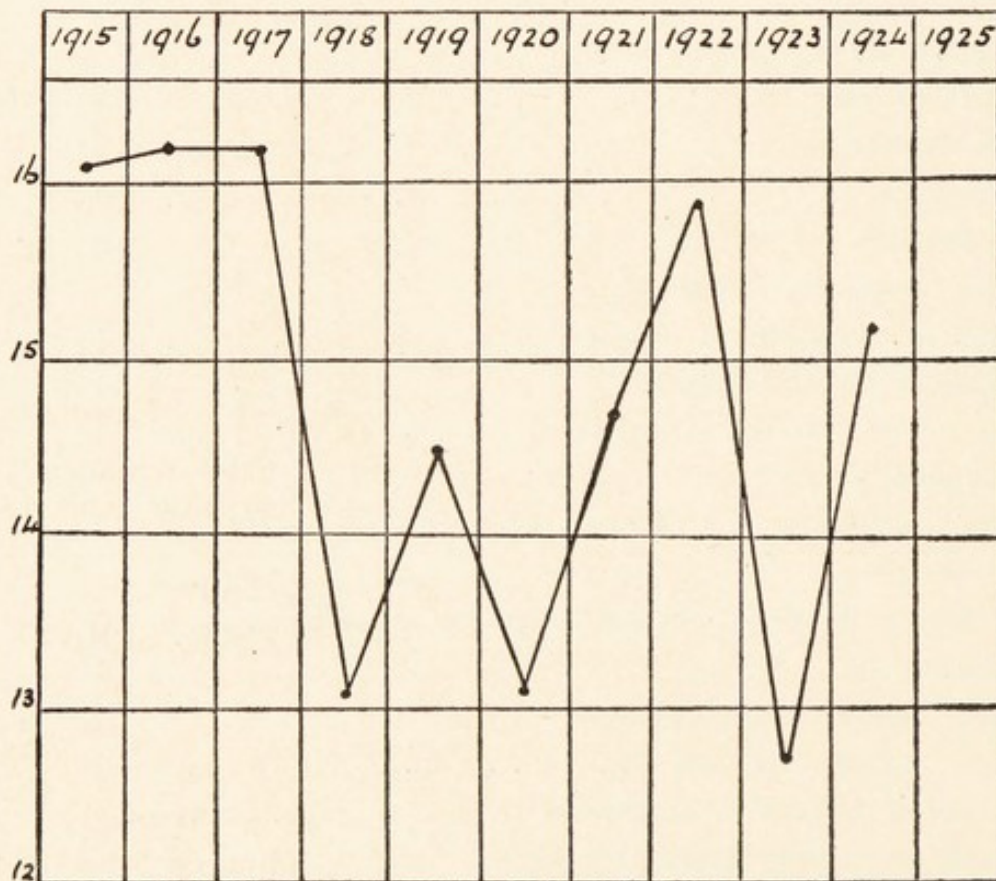
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## CAUSES OF DEATH DURING THE YEAR 1925.

|   | M.     | F.  |
|---|--------|-----|
| All causes ... ..   | 74     | 112 |
| Enteric fever ... ..  | 1      |     |
| Whooping cough ... ..   | 1      | 1   |
| Influenza ... ..  | 1      | 3   |
| Meningococcal meningitis ... ..                                       |        | 1   |
| Tuberculosis of respiratory system ... ..                             | 4      | 9   |
| Cancer, malignant disease ... ..                                      | 5      | 11  |
| Diabetes ... ..   | 2      | 1   |
| Cerebral hæmorrhage, etc. ... ..                                      | 3      | 8   |
| Heart disease ... ..  | 13     | 22  |
| Arterio-sclerosis ... ..  | 7      | 5   |
| Bronchitis ... ..   | 4      | 2   |
| Pneumonia (all forms) ... ..  | 6      | 5   |
| Other respiratory diseases ... ..                                     |        | 1   |
| Ulcer of stomach, or duodenum ... ..                                  | 1      |     |
| Appendicitis and typhlitis ... ..                                     | 1      | 2   |
| Acute and chronic nephritis ... ..                                    | 1      | 4   |
| Puerperal sepsis ... ..   |        | 1   |
| Other accidents and diseases of pregnancy and par-<br>turation ... .. |        | 1   |
| Congenital debility and malformation, premature birth                 | 1      | 2   |
| Suicide ... ..  | 1      |     |
| Other deaths from violence ... ..                                     | 1      | 4   |
| Other defined diseases ... ..   | 21     | 28  |
| Causes ill-defined or unknown ... ..                                  |        | 1   |
| Death of Infants under 1 year—  |        |     |
| Total ... ..  | 3      | 6   |
| Illegitimate ... ..   |        | 1   |
| Total Births ... ..   | 74     | 72  |
| Legitimate ... ..   | 71     | 69  |
| Illegitimate ... ..   | 3      | 3   |
| Population ... ..   | 14,340 |     |



CHART SHOWING DEATH RATES  
FOR YEARS - 1915 - 1925.  
(per 1000)



The Council is seeking to pass through Parliament a new Act with a view to augmenting and improving the water supply of Paignton, Teignmouth, Brixham, Ipplepen and Marlton, and also to obtain increased powers for better sanitation of this district.

**R. JULYAN GEORGE, M.D., M.S., D.P.H.**

Medical Officer of Health.

3, GROSVENOR TERRACE,

TO DR. R. J. GEORGE.

PAIGNTON,

4th January, 1926.

SIR,—My salary is £115, but the County Council Grant of £25 per year has been withdrawn from this Association for the past two years.

Number of cases, 50—being an decrease of 22 in the past twelve months.

Number of visits paid, 614. Number of ante-natal, 70.

ALICE STOOK,

District Midwife Paignton Branch D.N.A.

28, STANLEY GARDENS,

PAIGNTON.

SIR,—My salary is £150 a year inclusive. I have attended 14 Midwifery and Maternity cases during this year and have paid 133 visits and 41 ante-natal visits.

Yours faithfully,

Jan. 5th, 1926.

FRANCES E. SPRAY.

4, CROFT PARK, TORQUAY ROAD,

PAIGNTON,

January 5th, 1926.

SIR,—My salary is £180 per annum inclusive, not £170 as in 1924. Please note above address and change of Nurse.

Last year from January 1st until December 31st, 1925, I had 151 cases :—Surgical, 97 ; Medical, 48 ; T.B., 6 ; total, 151. 12 operations and 3,099 nursing visits for the year.

I hope this is what you want.

Yours faithfully,

AMY E. RAPSON,

Queen's District Nurse



# ANNUAL REPORT OF SANITARY INSPECTOR.

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TO THE CHAIRMAN AND MEMBERS OF THE PAIGNTON URBAN  
DISTRICT COUNCIL.

MR. CHAIRMAN AND GENTLEMEN.—

I herewith submit my Report for the year ending December 31st, 1925.

**Complaints.**—During the year a number of complaints were received and dealt with. Several of the complaints on investigation were found not to be within the scope of the Public Health or Housing Acts, and therefore outside my jurisdiction.

## DRAINAGE.

**Old Houses.**—The drainage system of 93 old houses have been smoke-tested during the year, and out of this number 54 were found to be in a defective condition. Of those found defective, 29 were completely re-laid and 25 were repaired where necessary.

In addition to the foregoing, several new lavatory basins, baths, sinks, etc., have been fitted, necessitating new drainage. 202 smoke or water tests were applied.

**New Houses.**—During the year under review, building has been very active, and up to the end of the year the drainage and sanitary fittings of 336 houses (erected and in course of erection) have been inspected and tested. This work has occupied a considerable portion of my time and necessitated 887 visits. 440 smoke or water tests were applied.

**Sewers.**—New sewers and extensions have been made during the year as follows:—

### NEW SEWERS.

Laura Grove  
Preston Down Road  
The Gurneys, Totnes  
Road  
Barcombe Lane  
Elm Park, Cemetery  
Hill  
Clennon Valley  
Stearfield Estate  
Preston Housing Scheme

### EXTENSIONS.

Thomas Down Road  
Oldway Road  
St. Mary's Hill  
Coombe Lane  
Blatchcombe Lane  
Osney Crescent



## INFECTIOUS DISEASES AND DISINFECTION.

**Infectious Diseases.**—As soon as the Medical Officer of Health notified me of the existence of a case of infectious disease, the premises were immediately visited and the case carefully investigated, and every effort made to trace the source of infection.

69 cases were investigated during the year. The premises are always inspected from a sanitary standpoint, and any defects found are removed.

The Schools are also visited when cases occur amongst children attending School, and enquiries made as to absentees and suspicious contacts, etc. 88 visits have been made in connection with 82 cases of notifiable and non-notifiable infectious disease.

**Disinfection.**—80 rooms have been disinfected during the year for the following :—Scarlet Fever, Diphtheria, Typhoid, Tuberculosis, Cancer, Chicken-pox, Measles, etc., and private cases. Disinfection has been carried out after every certified death from Tuberculosis, also in every case where known when a person suffering from Tuberculosis has removed from a house or room before re-occupation. In reference to these removals, I would also again mention in this Report as in previous years that it would greatly assist our efforts if the actual patient, or person in charge of the patient, would immediately notify the Medical Officer of Health or myself, when the necessary disinfection of the house, room, or bedding would be willingly carried out free of all cost. In addition to the disinfection of bedding in infected rooms, the following articles have been passed through the steam disinfectant at the Council's Isolation Hospital :—

| ARTICLE.         |     |     |     |     |     | No. |
|------------------|-----|-----|-----|-----|-----|-----|
| Mattresses       | ... | ... | ... | ... | ... | 17  |
| Pillows          | ... | ... | ... | ... | ... | 43  |
| Blankets         | ... | ... | ... | ... | ... | 23  |
| Quilts           | ... | ... | ... | ... | ... | 2   |
| Bolsters         | ... | ... | ... | ... | ... | 9   |
| Carpets          | ... | ... | ... | ... | ... | 1   |
| Eiderdowns       | ... | ... | ... | ... | ... | 3   |
| Dressing Jackets | ... | ... | ... | ... | ... | 4   |
| Feather Bed.     | ... | ... | ... | ... | ... | 2   |
| Cushions         | ... | ... | ... | ... | ... | 2   |
| Miscellaneous    | ... | ... | ... | ... | ... | 8   |

Several articles of bedding, etc., have also been destroyed on request.

## MEAT AND FOOD INSPECTION.

**Food Premises.**—Visits have been paid to all premises where food is prepared for sale. Butchers, fishmongers, fruiterers, grocers, and all shops where food is exposed for sale have been kept under observation; also the stalls of the fish and fruit hawkers. Several butchers hawk meat round the district.

The Meat Regulations made by the Ministry of Health came into force on the 1st April. Prior to this date, I attended an informal Meeting of the Butchers, and fully discussed with them the various points in connection with the Regulations. As a result of this Meeting,



I am very pleased to report that all the butchers, with one exception, have most loyally responded to my wishes and provided plate-glass windows as a means to preventing their meat from being contaminated, etc., and I much appreciate their action. I always think by this informally "getting together" with the trade concerned, much more good can be accomplished. In connection with the one exception referred to, it is only fair to state that certain difficulties arose, preventing the improvements. These have now been overcome, and the necessary alterations will be carried out.

In addition to meat, the Regulations also include bacon, ham, etc., and the shops affected have all taken the necessary measures to prevent possible contamination.

#### SLAUGHTER-HOUSES AND MEAT INSPECTION.

**Slaughter-Houses.**—There are now four slaughter-houses in the district (one was closed during the year through expiration of lease) and in addition numerous places exist where pigs are killed.

|            | 1920. | Jan. 1925. | Dec. 1925. |
|------------|-------|------------|------------|
| Registered | ... 2 | 2          | 1          |
| Licensed   | ... 3 | 3          | 3          |
|            | — 5   | — 5        | — 4        |

I regret I cannot report much progress with the erection of the Public Abattoir. The Council have now decided to utilise the original site at Holloways Hill. Plans are now before the Council, and I earnestly hope that early consideration will be given to this matter and that it will be pushed forward with all possible speed, because such a building is urgently needed in Paignton to centralise the slaughtering.

**Meat Inspection.**—The new Regulations require that notice should be given of intention to slaughter. These notices have been duly received and in consequence a considerable number of visits have been paid to slaughter-houses at all hours (including Sundays) to inspect carcasses. This particular requirement is very useful, because it enables me to endeavour to examine all carcasses. This, of course, has been impossible with all my other duties, but I have devoted considerable time to it, and have been able to examine 90 per cent. of the meat killed.

Meat marking is not carried out in the district.

1,475 visits have been paid to Slaughter-houses and Butchers' shops,

**Unsound Food.**—During the year the following has been condemned and destroyed, after examination, as unfit for human consumption :—

|              | Tons | cwt. | qrs. | lbs. |
|--------------|------|------|------|------|
| Beef .....   | 1    | 8    | 3    | 10   |
| Mutton ..... | —    | —    | 2    | 19   |
| Pork .....   | —    | —    | 3    | 3    |
| Offal .....  | —    | 7    | 3    | 22   |

**Nature of Disease or Condition.**—Beef : Tuberculosis ; Dropsy ; Inflammation ; Yone Taint.

Mutton : Emaciation ; Inflammation.

Pork : Inflammation ; Tuberculosis.



Considering the number of animals killed, the figures compare very favourably indeed, which speaks well for the quality of the meat sold. I am pleased to report that there were no seizures of meat during the year, because in every case where I have found any carcase or portion of carcase necessitating condemnation, it has been voluntarily surrendered to me.

**Bakehouses.**—The number of bakehouses on the Register total 11. Several visits have been necessary to one bakehouse in order to keep it up to the standard of cleanliness desirable. All the other bakehouses have been cleansed at the stated times.

#### DAIRIES, COWSHEDS AND MILKSHOPS.

The number of registered Dairies in the district is 33. Of these, 6 are Wholesalers and 27 Retailers. Milk is also retailed in the district by persons whose farms are outside the district.

The usual lime-washing has been carried out at the stated times.

During the year one application and two renewals were received and granted by the Council to sell Grade "A" (Tuberculin tested) milk, not bottled on the premises.

#### FACTORIES AND WORKSHOPS.

A register is kept of all Factories and Workshops. All are inspected periodically and any defects found, removed. During the year, notices have been received from the Factory Inspector as to certain infringements of the Act, chiefly concerning factories. Such notices have received attention and the defects remedied.

Under Section 107 of the Factory and Workshop Act, 1901, it is the duty of persons employing out-workers to forward to the Local Authority twice yearly a list of out-workers. No such lists have been received during the year.

#### HOUSE REFUSE.

During the year the Council added to their Mechanical Transport for refuse collection in order to meet the needs of the district, and purchased a 30cwt. Thornycroft Lorry with tipping body. This was put on the road in August, and has proved satisfactory, and with the addition of the two 1-ton Ford Lorries and two carts, forms the transport in use during the Summer season. During the Winter, the three lorries are in use daily, with the addition of one cart, one half-day per week.

The amount of refuse collected during the year totalled 5,436 tons, as compared with 3,824 tons in 1924. This shows a considerable increase on last year, and although the population is increasing, in my opinion it does not warrant the additional amount collected. As I have previously mentioned, householders do not burn the amount of refuse they should, thus lessening the amount to be collected and incidentally the cost thereof.



The arrangements made for the collection of refuse during the year were very efficiently carried out, and this is in no small measure due to the hearty co operation of all the men engaged in refuse collection and the excellent manner in which they carried out their duties, and to whom I tender my best thanks.

As regards the receptacles for house refuse, at least 85 per cent. of the houses have proper moveable ash-bins. A few ash-pits still exist. I have made arrangements for the Collectors to immediately notify me as to the absence of proper receptacles, defective condition or insufficient number at the various houses and after investigation action is at once taken for the matter to be remedied. During the year, 40 moveable ash-bins have been supplied. I would like to take this opportunity of drawing attention to the fact that we frequently find bins—

- (a) Almost full of stones which are carefully concealed by a small quantity of refuse placed on top.
- (b) Containing quantities of liquid matter, and
- (c) Refuse smouldering in the bin at the time of collection

It is hardly necessary to point out that in case (a) the bin is very heavy, thus necessitating two men or more to lift it; (b) the refuse adheres to the bin, causing the receptacle to smell badly, and (c) there is danger of fire in igniting other refuse. All these matters tend to delay collection, and I would appeal to householders to place in bins, as far as possible, dry house refuse only.

## HOUSING AND PUBLIC HEALTH ACTS.

A tabular statement will be found on Page 15 showing the number of inspections carried out under the Housing and Public Health Acts.

No houses have been condemned as totally unfit for human habitation during the year. As will be seen from the Chief Assistant Surveyor's Report, 215 houses have been built during the year, and in this number is included 78 houses under the Council's Subsidy Scheme. Although the building of these latter houses is progressing satisfactorily, a great number of small houses of this type are still urgently required to meet the needs of the district. In addition to the Subsidy Scheme, the Council, as I mentioned last year, have purchased several acres of land in the Preston area, and as a commencement have entered into contracts for the building of 30 Council houses, and at the present time a number of these are nearing completion.

During housing inspections, cases of overcrowding are found, and in a few cases it is possible to remedy them by a re-arrangement of the rooms, but unfortunately this evil cannot be completely overcome until more small houses are built.

When considering the question of fitness of houses, the standard of housing in the district is generally good. A few very old houses still exist which fall below the required standard in respect to fitness, and were it not for the lack of alternative accommodation they would be the subject of closing orders, because short of re-building, it is impossible to bring them up to the standard and in most of the cases



the rent is so small that for a few essential repairs the rental for a number of years would be involved.

The defects found in inspections have been chiefly in connection with defective drainage, absence of sinks or troughs, absence of proper provision for food storage, defective roofs, etc. All defects have been remedied as a result of a preliminary notice or letter, and it has not been found necessary to serve any Statutory notices during the year.

**Conclusion.**—In concluding this Report, I should like to take this opportunity of conveying my heartiest thanks to the Chairman of the Public Health Committee, also to the Members of the Council generally for the support and consideration extended to me.

I also wish to thank my colleagues, who have at all times given me their cordial co-operation and assistance.

I am, Mr. Chairman and Gentlemen,

Your obedient servant,

**FREDK. J. THICK, M.S.I.A., etc.,**

Sanitary Inspector.

#### SHORT SUMMARY.

|                                  |     |     |     |     |     |
|----------------------------------|-----|-----|-----|-----|-----|
| Drains of new houses passed      | ... | ... | ... | ... | 336 |
| Drains re-laid                   | ... | ... | ... | ... | 29  |
| Drains repaired                  | ... | ... | ... | ... | 25  |
| Drains cleared                   | ... | ... | ... | ... | 20  |
| Drain tests applied (new houses) | ... | ... | ... | ... | 440 |
| Ditto (old houses)               | ... | ... | ... | ... | 93  |
| New W.C.'s built                 | ... | ... | ... | ... | 22  |
| New W.C. Pans                    | ... | ... | ... | ... | 34  |
| Inspection Chambers constructed  | ... | ... | ... | ... | 44  |
| Interceptors fixed               | ... | ... | ... | ... | 25  |
| New Soil Pipes fixed             | ... | ... | ... | ... | 23  |
| Soil Pipes repaired              | ... | ... | ... | ... | 21  |
| New Gullies                      | ... | ... | ... | ... | 54  |
| W.C.'s repaired                  | ... | ... | ... | ... | 3   |
| Larders provided                 | ... | ... | ... | ... | 14  |
| Verminous Premises cleansed      | ... | ... | ... | ... | 3   |
| Rooms disinfected                | ... | ... | ... | ... | 80  |
| Windows repaired                 | ... | ... | ... | ... | 4   |
| Internal Walls repaired          | ... | ... | ... | ... | 7   |
| Roofs repaired                   | ... | ... | ... | ... | 12  |
| Stoves repaired                  | ... | ... | ... | ... | 2   |
| Floors repaired                  | ... | ... | ... | ... | 5   |
| Drinking Water Cisterns covered  | ... | ... | ... | ... | 4   |
| Sinks provided                   | ... | ... | ... | ... | 26  |



**Number of New Houses erected during the year :—**

|  |     |
|--|-----|
| (a) Total (including numbers given separately under (b) )... | 215 |
| (b) With State assistance under the Housing Acts :—          |     |
| (i) By the Local Authority ... ..                            | 0   |
| (ii) By other Bodies or persons ... ..                       | 78  |

**1.—Unfit Dwelling Houses.**

## Inspection—

|  |    |
|--|----|
| (1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..   | 89 |
| (2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925 ... .. | 27 |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..  | 0  |
| (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 ... ..             | 58 |

**2.—Remedy of defects without service of formal Notices.**

|  |    |
|--|----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... .. | 77 |
|--|----|

**3.—Action under Statutory Powers.**

## A.—Proceedings under Section 3 of The Housing Act, 1925.

|   |   |
|---|---|
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ..  | 0 |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices :—  |   |
| (a) By Owners ... ..  | 0 |
| (b) By Local Authority in default of owners ... ..  | 0 |
| (3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... .. | 0 |

## B.—Proceedings under Public Health Acts.

|   |   |
|---|---|
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... .. | 0 |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—               |   |
| (a) By Owners ... ..  | 0 |
| (b) By Local Authority in default of owners ... ..  | 0 |

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

|  |     |     |     |     |     |     |   |
|--|-----|-----|-----|-----|-----|-----|---|
| (1) Number of representations made with a view to the making of Closing Orders   | ... | ... | ... | ... | ... | ... | 1 |
| (2) Number of dwelling-houses in respect of which Closing Orders were made   | ... | ... | ... | ... | ... | ... | 1 |
| (3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit | ... | ... | ... | ... | ... | ... | 0 |
| (4) Number of dwelling-houses in respect of which Demolition Orders were made  | ... | ... | ... | ... | ... | ... | 0 |
| (5) Number of dwelling-houses demolished in pursuance of Demolition Orders   | ... | ... | ... | ... | ... | ... | 0 |

[NOTE.—The representation under heading "C" was made at the end of the year, and the necessary time has not yet expired].

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## *Surveyor's Report.*

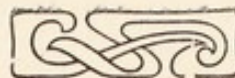
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Several very important extensions and additions have been made during the past year, brought about by the continued growth of the town. The Council are grappling with the problem and the Engineers engaged upon the preparatory plans are obtaining further necessary data, receiving the assistance of the Surveyor's Department in the guaging of flows.

The sewers are carrying out their functions well, considering the circumstances, by constant cleansing and attention.

**C. OWEN BAINES,**

Engineer and Surveyor.





## *Water Engineer's Report.*

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The Council's Waterworks supply Paignton U.D.C. (part) and furnish supplies in bulk to Teignmouth U.D.C., Brixham U.D.C., Newton Abbot R.D.C., and Totnes R.D.C. The limits of supply are the Paignton Urban District.

### SOURCES OF SUPPLY.

There are two sources of supply :—

(1) Springs from lime stone at Great Parks, Paignton. This source supplies approximately two-thirds of the requirements of Paignton and the water from such a source is somewhat hard.

(2) Upland surface over granite at Holne Moor, near Ashburton. All water sold by the Council in bulk is obtained from this source, and approximately one-third of the water supplied to Paignton is also derived from this source. The average daily quantity of water supplied from the Reservoirs at Great Parks is 268.017 gallons, and daily average amount supplied by the Holne Moor Reservoir, 390.600 galls. The supply from both sources is constant, but somewhat restricted in the height of the Summer season due to the inadequacy in size of delivery pipes. This trouble is being efficiently dealt with.

The water supplied from the Holne Moor Reservoir is filtered by means of pressure sand filters. That obtained from the Great Parks source is filtered through ordinary gravitation, low pressure sand filters

The Council have installed arrangements for the chlorination of these waters when necessary but it is satisfactory to note that for some time chlorination has not been necessary.

The whole of the town is supplied from piped services with the exception of a few houses in the Collaton area, which are fed from a common stand-pipe. The pressure is sufficient to supply the various districts.

The quality of water from the Moorland source maintains its characteristics in all particulars relative to Moorland water. There is no indication of pollution of the gathering area of the supply. Its purity is perfectly satisfactory. The quality of the water supplied from the Great Parks source shows a remarkably satisfactory state of purity when recently analysed. The very wet period at the commencement of the year exerted a deteriorating influence on the sources of many public and municipal supplies, but there is no evidence of deterioration in this sample. The chemical examination is no less critical than the bacteriological in that the chemical and bacteriological data both agree in showing that the water is derived from an unpolluted source.

**E. ROWLANDS,**

Water Engineer.

# Matron's Report.

## THE ISOLATION HOSPITAL.

Total number of cases admitted, 51—Males 19, Females 32.

|   | PAIGNTON. | BRIXHAM. | DARTMOUTH. | TOTNES. | ASHBURTON. | BUCKFASTLEIGH |
|---|-----------|----------|------------|---------|------------|---------------|
| Diphtheria ...                                    | ...       | 4        | 7          | 1       | —          | —             |
| Scarlet Fever ...                                 | ...       | 7        | 1          | 18      | 1          | 2             |
| Enteric Fever (including Paratyphoid A. & B.) ... | ...       | 6        | 1          | —       | —          | —             |
| Pneumonia ...                                     | ...       | —        | —          | —       | —          | —             |
| Erysipelas ...                                    | ...       | —        | —          | —       | —          | —             |
| Enciphalitis Lethargica ...                       | ...       | —        | —          | —       | —          | —             |
| Cerebro Spinal Meningitis...                      | ...       | 1        | —          | —       | —          | —             |
| TOTALS ...  | ... 18    | 9        | 2          | 19      | 1          | 2             |

Deaths—1 Female (C.S.M.); 1 Male (Diphtheria) dying on admission.

The electric lighting plant and central heating are working well and are a great comfort

The Wireless Installation is very much appreciated by Patients and Staff.



# Maternity and Child Welfare Centre.

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The Paignton Maternity and Child Welfare Centre continues to add to its numbers. Each year more new Members join than those who leave.

No child attends the Centre after reaching the age of 5 years as the Schools then claim them, and they come under the School Medical Officers' care.

During the year 1925 we have had 187 mothers' names on the register. These made 1,603 total number of attendances. The infants (babies under a year) made 698 attendances, while the toddlers and children up to 5 years made 1,415 attendances. All these figures show an increase on the preceding year.

Fourteen expectant Mothers came up for advice. Many of these had booked with a Midwife, and on her suggestion came up to the Centre in order to be measured and tested, and should anything abnormal be found they would be advised to consult their own Medical Attendant.

There is at present no Maternity Hospital available for Centre Mothers. Each woman makes her own arrangements with Midwife or Doctor.

Every birth is notified to the Devon County Council, and the Health Visitor has a list sent to her, and she visits each suitable case after the first ten days, and if circumstances require it milk is granted by the Devon County Council.

While regretting the absence of Miss Somers very much through ill-health, we are glad to welcome Miss Bishop, who took up her position at the end of October.

**F. MURIEL MORRIS, O.B.E., M.D.,**

Medical Officer of Infant Welfare Centre.

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## ANNUAL REPORT OF THE CHILD WELFARE CENTRE, For Year ending December, 1925.

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The Centre was open 44 times during the past year for medical purposes, and the Secretary is glad to report a slow but steady increase in the attendances, which were as follows:—

|               |     |     |     |     |     |      |
|---------------|-----|-----|-----|-----|-----|------|
| Mothers ...   | ... | ... | ... | ... | ... | 1603 |
| Expectant ... | ... | ... | ... | ... | ... | 14   |
| Infants ...   | ... | ... | ... | ... | ... | 698  |
| Children ...  | ... | ... | ... | ... | ... | 1415 |



The increase would certainly have been much more, had it not been for the rather disconnected work in the Medical Department through the illness of Miss Summers, who had to give up work in July. Miss Rickman very ably filled her post until October 18th, when Miss Bishop took up the work, which she is doing in a most able and efficient manner. She is much liked by the Mothers attending the Centre, and is a welcome visitor in their homes.

#### MEDICAL DEPARTMENT.

Dr. Muriel Morris takes a keen interest in her work in this Department, and it is a real joy to see the long line of Mothers with their babies waiting for admittance to the Surgery, where each child receives careful and kindly interest.

Mrs. Thompson, J.P., and Mrs. Perks have again given talks to the Mothers, in which a keen interest is taken, and the Mothers always seem very grateful for any advice given to them on the care of their children.

Dr. George is a great favourite among the Mothers, and his kindly interest in all their children is a sure way to their hearts.

#### MILK SUPPLY.

Any Mother coming to the Centre who is not able to buy sufficient milk for the nourishment of her baby can have a free supply for every day for a month, or even two months, according to the discretion of the Doctors.

#### THRIFT CLUB

The Needlework Stall is still a great attraction to many of the Mothers. The ladies responsible for this branch of the work are Mesdames Andrews, Ward, Mudge and Perks. Quite a large quantity of wool and knitted garments are sold to the Mothers, the wool at a much reduced rate, and the knitted garments for the cost of the material only.

In June, the Mothers had their usual Summer Outing, when they journeyed by motor to Widdicombe, where they partook of tea. The homeward journey was made by way of Becky Falls, Manaton and Newton Abbot.

On December 16th, the Christmas Tea and Entertainment took place at the Centre, when quite 200 Mothers and children sat down to the liberal fare provided for them. Many visitors and all the Sub-Committee were present.

The Secretary wishes to thank again all the Members of the Sub-Committee for their faithful attendance during the year, and their willingness to help in all possible ways.

It would not be fitting to close this Report without again putting on record the faithful work which is being done, week by week, by Nurses Goulding, Stooks, Spray and Robson. They seldom miss the



Centre, and the fact that they have entrance to so many homes in the town and know so many of the Mothers personally, is a great help to the work. A word of welcome from someone known to the Mothers goes a long way to making them feel at home. The fact must not be lost sight of that in the visitations of at least three of the Nurses a good word spoken for the Centre is undoubtedly one of the reasons why it is the success it is, in the town.

**MAY STATHAM,**

Hon. Secretary.

January, 1926.

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HEALTH VISITOR'S REPORT.

|                        |     |     |     |     |     |           |
|------------------------|-----|-----|-----|-----|-----|-----------|
| New babies visited     | ... | ... | ... | ... | ... | 90        |
| Re-visits up to 1 year | ... | ... | ... | ... | ... | 271       |
| From 1—5 years         | ... | ... | ... | ... | ... | 701       |
| Expectant Mothers      | ... | ... | ... | ... | ... | 31 visits |

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CENTRE FIGURES FOR YEAR 1925.

|                      |     |     |     |     |     |      |
|----------------------|-----|-----|-----|-----|-----|------|
| Times opened         | ... | ... | ... | ... | ... | 44   |
| Mothers attended     | ... | ... | ... | ... | ... | 1603 |
| Expectant Mothers    | ... | ... | ... | ... | ... | 14   |
| Infants under 1 year | ... | ... | ... | ... | ... | 698  |
| Over 1 year          | ... | ... | ... | ... | ... | 1415 |

# Chief Assistant Surveyor's Annual Report, 1925.

TO THE CHAIRMAN AND MEMBERS OF THE PAIGNTON URBAN DISTRICT COUNCIL.

SIR AND GENTLEMEN,—

In submitting my Third Annual Report, I have the pleasure to record a year of the greatest building activity yet recorded in Paignton. The figures set out in this Report are eminently satisfactory, the most pleasing aspect being the large increase in the number of small dwellings erected, due almost entirely to the assistance granted by the Council under their Subsidy Scheme.

The new streets laid out during the year have a mileage of 1.875, the land thereby opened up for building sites being approximately 51 acres, the majority of these sites commanding unrivalled views of Torbay and district. Development is now spreading to the hills, where undoubtedly the best building sites will be available.

The number of houses completed during the year number 215, which provide housing accommodation for a population increase of over 1,000 persons.

**Areas of greatest Development.**—The Town continues to develop in the North and South Wards.

**North Ward.**—This district continues to develop, 112 houses having been completed during the year, and 55 dwellings are in course of erection. Areas of building land have been opened up by the construction of new roads and a further development near Shorton has received the Council's approval. The Council are now the owners of an Estate of nearly 50 acres in the Barcombe Valley, road construction on the first section of the lay-out being now in hand. Thirty-two subsidy houses have been erected at Manor Gardens, Old Torquay Road, Maidenway Lane, etc., the remaining houses erected consisting of three houses with less than five rooms, 22 with five rooms, 23 with six rooms, 27 with seven rooms, and 5 with eight rooms and over.

**South Ward.**—The figures of completed dwellings show an increase of 14 over those of 1924. Further land was opened up for building sites by the construction of new roads in the Osney Crescent and Clennon Park districts during the year, whilst the Council have approved several lay-out schemes for land in this Ward in the year under review. Twenty-three subsidy houses were erected on land acquired by the Council at Hayes Gardens. There were 28 dwellings in course of erection on December 31st, 1925, of which number 18 were being built on the Clennon Park Estate. This district should develop considerably during 1926.



**East Ward.**—Nine houses were completed in this Ward, 7 of which were erected on Roundham Head. Five houses were in course of erection at the end of the year, but with the recent development at Steartfield, Esplanade Road, a considerable number of houses should be erected during this year.

**West Ward.**—The construction of subsidy houses at Elm Park, Colley End Road, has materially increased the figures for completed dwellings in this Ward (34). A new road constructed off Totnes Road (The Gurneys) has provided sites for 23 subsidy houses, 5 of which were completed during the year. The dwellings in course of erection at the end of the year totalled 28 against 2 in December, 1924.

**Central Ward.**—Very little land remains for development in this Ward, which is practically built up, 4 houses only being erected during the year under review.

**New Roads.**—Areas opened up for building by the laying out of new roads include :—

Clennon Heights.

Clennon Rise.

Osney Gardens.

Clennon Gardens.

The Gurneys (new road off Totnes Road).

Elm Park, Colley End Road.

11 new roads, Steartfield Estate.

Southfield Avenue extension.

Laura Street, Laura Grove.

Fernham Crescent.

Mortimore Avenue.

Three roads, first section of lay-out of Council Estate, Preston.  
The combined length of these roads amount to 1.875 miles.

**Deposited Plans.—Figures for 1925.**

|  |     |     |     |     |     | 1924. |
|--|-----|-----|-----|-----|-----|-------|
| (1) Total Plans submitted  | ... | ... | ... | ... | 257 | 253   |
| (2) Total Plans approved   | ... | ... | ... | ... | 223 | 221   |
| (3) Total Plans disapproved  | ... | ... | ... | ... | 34  | 32    |
| (4) Plans disapproved, but subsequently re-submitted<br>and approved and included in total (1) above | ... | ... | ... | ... | 28  | 14    |
| (5) Plans rejected by Council and not subsequently<br>amended  | ... | ... | ... | ... | 6   | 18    |
| (6) Number of Plans submitted (Dwellings)  | ... | ... | ... | ... | 125 | 127   |
| (7) Number of Dwellings approved   | ... | ... | ... | ... | 307 | 303   |
| (8) Dwellings rejected   | ... | ... | ... | ... | 10  | 83    |

**Completed Dwellings.**

| WARD                                    | 3 rooms | 4 rooms | 5 rooms | 6 rooms | 7 rooms | 8 rooms<br>& over. | Totals. |
|---|---------|---------|---------|---------|---------|--------------------|---------|
| North                                   | 1       | 2       | 54      | 23      | 27      | 5                  | 112     |
| South                                   | 1       | —       | 40      | 8       | 6       | 1                  | 56      |
| East                                    | —       | —       | 1       | 5       | 1       | 2                  | 9       |
| West                                    | —       | 2       | 32      | —       | —       | —                  | 34      |
| Central                                 | —       | 1       | —       | 3       | —       | —                  | 4       |
| Totals                                  | 2       | 5       | 127     | 39      | 34      | 8                  | 215     |
| Per-<br>centage<br>of<br>Grand<br>Total | .93%    | 2.32%   | 59.07%  | 18.13%  | 15.82%  | 3.73%              |         |

**Plans submitted to Council, 1925.**

|  | Plans. Dwellings |     |     |     |     |     |  |
|--|------------------|-----|-----|-----|-----|-----|--|
| Total dwellings submitted              | ...              | ... | ... | ... | 125 | 334 |  |
| Total dwellings approved               | ...              | ... | ... | ... | 109 | 307 |  |
| Disapproved                            | ...              | ... | ... | ... | 16  | 27  |  |
| Subsequently re-submitted and approved | ...              | ... | ... | ... | 6   | 6   |  |
| Total disapproved (dwellings)          | ...              | ... | ... | ... | 10  | 21  |  |

|   | Plans. Works. |     |     |     |     |     |  |
|---|---------------|-----|-----|-----|-----|-----|--|
| Total Plans submitted (including dwellings) | ...           | ... | ... | ... | 257 | 483 |  |
| Total Plans approved                        | ...           | ... | ... | ... | 223 | 433 |  |
| Disapproved                                 | ...           | ... | ... | ... | 34  | 50  |  |
| Subsequently re-submitted and approved      | ...           | ... | ... | ... | 28  | 42  |  |
| Total disapproved (all buildings)           | ...           | ... | ... | ... | 6   | 8   |  |



## COMPARATIVE STATEMENT.

## DWELLINGS ERECTED BY PRIVATE ENTERPRISE.

| 1896 | 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 |
|------|------|------|------|------|------|------|------|
| 32   | 35   | 68   | 56   | 51   | 47   | 75   | 49   |
| 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 |
| 79   | 88   | 117  | 91   | 62   | 46   | 69   | 79   |
| 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 |
| 92   | 94   | 68   | 35   | 3    | —    | —    | 3    |
| 1920 | 1921 | 1922 | 1923 | 1924 | 1925 |      |      |
| 17   | 22   | 51   | 116  | 137  | 137  |      |      |
| —    | —    | —    |      | —    | —    |      |      |
| 5*   | 105* | 40*  |      | 29+  | 78+  |      |      |

\*These figures denote houses erected by the Local Authority under the Housing Acts.

+These figures denote houses erected by private enterprise under the Housing Subsidy Scheme (Housing Acts, 1923—24).

**Housing Subsidy Scheme.**

Considerable progress has been made with the construction of houses under the Council's Subsidy Scheme (Housing Acts 1923—24).

The Council may grant assistance to private enterprise to the extent of £112 per house, in approved cases of bona-fide Paignton ratepayers. The grant of £75 may be made in other approved cases. Grants are not payable to Builders, but to the prospective purchasers only.

Since the inception of the Scheme late in 1923, 145 Certificates "A" in respect of 146 houses had been issued to prospective purchasers, and 5 provisional Certificates "A" in respect of 22 houses had been issued to Builders. The houses comprised in the Scheme therefore number 168.

The Council were at the 31st December, 1925, committed to an expenditure of £15,721 in grants, £14,448 was in respect of 129 subsidies of £112 each, and £1,275 was in respect of 17 subsidies of £75 each. The Council had at the same date paid £11,762 in grants, 101 grants being of £112, and 6 grants being of £75.

During the year under review the Council agreed to grant assistance in 76 cases and grants were paid in 78 cases.

The Council have allotted 35 building plots on the first section of the lay-out of their Estate at Preston, for the erection thereon of houses by private enterprise under the Subsidy Scheme.

There were 37 dwellings on which the Council have agreed to grant a subsidy in course of erection on December 31st, 1925.



### Housing Act, 1924.

Three contractors have commenced the erection of houses on the Council's Housing Estate at Preston. The present contracts are for 30 houses of which number 4 were in course of erection on December 31st, 1925. These houses will be let at a weekly rental.

### Dwellings in course of Erection.

The dwellings in course of erection on December 31st, 1925, numbered 121.

| Ward.       | Houses. | Houses<br>(Subsidy) | Bungalows | Flats. | Shops and<br>Flats. | Total. |
|-------------|---------|---------------------|-----------|--------|---------------------|--------|
| North ...   | 39*     | 10                  | 1         | 2      | 3                   | 55     |
| South ...   | 27      | —                   | 1         | —      | —                   | 28     |
| East ...    | 5       | —                   | —         | —      | —                   | 5      |
| West ...    | 6       | 23                  | —         | —      | 2                   | 31     |
| Central ... | 2       | —                   | —         | —      | —                   | 2      |
| Totals ...  | 79      | 33                  | 2         | 2      | 5                   | 121    |

\*Including 4 houses in course of erection by the Council (Preston Housing Scheme).

**Conclusion.**—In analysing the figures of completed dwellings it is satisfactory to note that although the number of houses erected under the Subsidy Scheme exceeds those of 1924 by 49, it has not affected the construction of the larger type of house the number of the latter erected remaining the same as last year—137.

It will be noted that the 5 and 6-roomed houses comprise 77.2 per cent. of the total erected, the 7-roomed houses comprising 15.82 per cent. of the total.

In conclusion, the figures for the year prove the growing popularity, of Paignton as a residential district, and should the foreshadowed Estate developments materialise, the growth of Paignton should continue rapidly.

I am, Sir and Gentlemen,

Yours obediently,

**F. RALPH PENWILL,**

P.A.S.I., M.R. San.I., A.M.I.M.C.E.

January 1st, 1926.

Chief Assistant Surveyor.



## SUMMARY OF COMPLETED DWELLINGS, 1925.

| Ward and Street       | 3 rooms | 4 rooms | 5 rooms | 6 rooms | 7 rooms | 8 rooms & over | Totals |
|-----------------------|---------|---------|---------|---------|---------|----------------|--------|
| <b>North Ward.</b>    |         |         |         |         |         |                |        |
| All Hallows Road ...  |         |         |         |         | 2       |                | 2      |
| Barcombe Heights ...  |         |         | 1       |         |         |                | 1      |
| Cockington Lane ...   |         |         |         |         | 1       |                | 1      |
| Cedar Road ...        |         |         | 3       |         |         |                | 3      |
| Cecil Avenue ...      |         |         |         | 2       |         |                | 2      |
| Colin Road ...        |         |         |         |         | 2       | 1              | 3      |
| Laura Grove ...       |         |         |         | 1       | 1       |                | 2      |
| Maidenway Lane ...    |         |         | 8       |         |         |                | 8      |
| Manor Gardens ...     |         |         | 14      |         |         |                | 14     |
| Manor Road ...        |         |         |         | 2       | 5       | 4              | 11     |
| Marine Drive ...      |         |         |         |         | 2       |                | 2      |
| Morin Road ...        |         |         | 1       | 2       | 4       |                | 7      |
| Old Torquay Road ...  |         |         | 8       |         |         |                | 8      |
| Oldway Road ...       |         |         | 2       | 1       | 3       |                | 6      |
| Orient Road ...       |         |         | 7       |         |         |                | 7      |
| Polsham Road (Higher) |         |         | 2       |         |         |                | 2      |
| Preston Down Road ... |         |         | 4       | 1       | 1       |                | 6      |
| Seaway Gardens ...    |         |         |         | 5       |         |                | 5      |
| Seaway Road... ..     | 1       |         |         |         |         |                | 1      |
| Southfield Avenue ... |         |         |         | 1       | 2       |                | 3      |
| Tarraway Road ...     |         | 2       |         | 1       | 1       |                | 4      |
| Torquay Road ...      |         |         | 3       | 7       | 3       |                | 13     |
| West Hill Road ...    |         |         | 1       |         |         |                | 1      |
| Totals ... ..         | 1       | 2       | 54      | 23      | 27      | 5              | 112    |
| <b>South Ward.</b>    |         |         |         |         |         |                |        |
| Beechdown ... ..      |         |         | 4       |         |         |                | 4      |
| Clennon Park... ..    |         |         |         | 1       | 1       |                | 2      |
| Cliff Park Lane ...   |         |         |         | 1       |         |                | 1      |
| Conway Road ... ..    |         |         | 12      | 2       |         |                | 14     |
| Dartmouth Road ...    |         |         |         | 3       | 1       | 1              | 5      |
| Hayes Gardens ... ..  |         |         | 23      |         |         |                | 23     |
| Hayes Lane ... ..     |         |         | 1       |         |         |                | 1      |
| Osney Crescent ...    |         |         |         | 1       | 4       |                | 5      |
| Waddeton Post ... ..  | 1       |         |         |         |         |                | 1      |
| Totals ... ..         | 1       |         | 40      | 8       | 6       | 1              | 56     |

# PLANS SUBMITTED TO COUNCIL, 1925.

| Month<br>1925 | Houses |        | Bungalows |           | Temp.<br>Dwellings |           | Flats |           | Business Premises<br>and Flats |           | Garages and<br>Flats |           | Total<br>Dwellings |           | Roads and<br>Sewers |            | Sewers and Drains |             | Shops |       | Garages |        | Miscellaneous<br>Buildings, etc. |           | Total Plans<br>submitted. |           |
|---------------|--------|--------|-----------|-----------|--------------------|-----------|-------|-----------|--------------------------------|-----------|----------------------|-----------|--------------------|-----------|---------------------|------------|-------------------|-------------|-------|-------|---------|--------|----------------------------------|-----------|---------------------------|-----------|
|               | Plans  | Houses | Plans     | Dwellings | Plans              | Dwellings | Plans | Dwellings | Plans                          | Dwellings | Plans                | Dwellings | Plans              | Dwellings | Plans               | Rds. & Sw. | Plans             | Sew. & Drs. | Plans | Shops | Plans   | Garage | Plans                            | Buildings | Plans                     | Buildings |
| January ...   | 2      | 3      | 2         | 2         | 1                  | 1         |       |           | 1                              | 2         |                      |           | 5                  | 6         | 2                   | 2          | 1                 | 1           | 2     | 2     | 2       | 2      | 4                                | 4         | 16                        | 17        |
| February...   | 11     | 27     | 1         | 1         | 1                  | 11        |       |           |                                |           |                      |           | 14                 | 41        | 1                   | 1          |                   |             | 2     | 2     | 6       | 8      | 5                                | 5         | 28                        | 57        |
| March ...     | 6      | 10     | 1         | 1         |                    |           |       |           | 2                              | 2         |                      |           | 7                  | 11        |                     |            |                   |             | 1     | 1     | 1       | 1      | 1                                | 1         | 9                         | 13        |
| April ...     | 5      | 29     |           |           |                    |           |       |           |                                |           |                      |           | 7                  | 31        | 3                   | 3          | 1                 | 1           | 1     | 1     | 5       | 5      | 3                                | 3         | 20                        | 44        |
| May ...       | 4      | 16     | 1         | 1         |                    |           | 2     | 2         |                                |           |                      |           | 7                  | 19        | 5                   | 5          | 2                 | 2           |       |       | 2       | 7      | 5                                | 5         | 21                        | 38        |
| June ...      | 11     | 65     | 3         | 3         |                    |           |       |           | 3                              | 6         |                      |           | 17                 | 74        | 1                   | 1          | 2                 | 2           |       |       | 1       | 1      | 3                                | 3         | 24                        | 82        |
| July ...      | 4      | 13     | 2         | 2         |                    |           |       |           | 3                              | 3         | 1                    | 1         | 10                 | 19        | 1                   | 1          |                   |             | 1     | 1     | 3       | 3      | 4                                | 4         | 19                        | 28        |
| August ...    | 12     | 48     | 1         | 1         |                    |           |       |           |                                |           |                      |           | 13                 | 49        | 2                   | 2          |                   |             |       |       | 3       | 3      | 3                                | 3         | 21                        | 37        |
| September     | 9      | 16     | 2         | 2         |                    |           |       |           | 1                              | 2         |                      |           | 8                  | 18        | 2                   | 2          | 1                 | 1           | 2     | 8     | 4       | 4      | 6                                | 6         | 21                        | 31        |
| October ...   | 5      | 13     | 1         | 1         |                    |           | 1     | 2         |                                |           |                      |           | 9                  | 13        | 2                   | 2          | 1                 | 1           | 1     | 1     | 3       | 3      | 3                                | 3         | 19                        | 23        |
| November      | 6      | 8      | 1         | 1         |                    |           | 1     | 2         | 1                              | 2         |                      |           | 17                 | 35        | 1                   | 1          | 1                 | 1           | 1     | 3     | 5       | 5      | 13                               | 13        | 38                        | 58        |
| December      | 14     | 29     | 2         | 2         |                    |           |       |           |                                |           |                      |           |                    |           |                     |            |                   |             |       |       |         |        |                                  |           |                           |           |
|               | 89     | 277    | 16        | 17        | 2                  | 12        | 6     | 10        | 11                             | 17        | 1                    | 1         | 125                | 334       | 20                  | 20         | 9                 | 9           | 10    | 18    | 39      | 48     | 54                               | 55        | 257                       | 483       |





## SUMMARY OF COMPLETED DWELLINGS—continued.

| Ward and Street                  | 3 rooms | 4 rooms | 5 rooms | 6 rooms | 7 rooms | 8 rooms & over | Totals |
|----------------------------------|---------|---------|---------|---------|---------|----------------|--------|
| <b>East Ward.</b>                |         |         |         |         |         |                |        |
| Alta Vista Road ...              |         |         | 1       | 2       |         |                | 3      |
| Cliff Road ...                   |         |         |         | 1       |         |                | 1      |
| Roundham Head ...                |         |         |         |         | 1       | 2              | 3      |
| Youngs Park ...                  |         |         |         | 2       |         |                | 2      |
| Totals ...                       |         |         | 1       | 5       | 1       | 2              | 9      |
| <b>West Ward.</b>                |         |         |         |         |         |                |        |
| Colley End Road <sup>1</sup> ... |         | 1       | 20      |         |         |                | 21     |
| King's Ash Hill ...              |         |         | 2       |         |         |                | 2      |
| Marldon Road ...                 |         | 1       |         |         |         |                | 1      |
| St. Mary's Hill ...              |         |         | 1       |         |         |                | 1      |
| St. Marys Lane ...               |         |         | 4       |         |         |                | 4      |
| Totnes Road ...                  |         |         | 5       |         |         |                | 5      |
| Totals ...                       |         | 2       | 32      |         |         |                | 34     |
| <b>Central Ward.</b>             |         |         |         |         |         |                |        |
| Polsham Road (Higher)            |         |         |         | 2       |         |                | 2      |
| Polsham Road (Lower)             |         |         |         | 1       |         |                | 1      |
| Well Street ...                  |         | 1       |         |         |         |                | 1      |
| Totals ...                       |         | 1       |         | 3       |         |                | 4      |



# *Meteorologist's Report.*

M.O.H. DEPARTMENT,

PAIGNTON,

March, 1926

TO THE CHAIRMAN AND GENTLEMEN OF THE PAIGNTON URBAN  
DISTRICT COUNCIL.

GENTLEMEN,—

I have the honour to submit to you my Sixth Annual Report of the climatological conditions pertaining to Paignton during the year 1925. The observations are taken twice daily throughout the year and from the observations made and the statistics compiled I am pleased to report that the conditions generally were better than last year, especially so in the sunshine record of 1911.8 hours and tenths, which is verified by the Meteorological Office. This places Paignton again near the head of the list of the principal health resorts reporting sunshine to the Meteorological Office, as by the official list published by that Office I am pleased to note that Paignton is fifth on the list and also that we recorded over 98 hours more sunshine than Torquay.

June stands out as the most excellent month in the year, giving the record of sunshine 358 hours 12 minutes, and temperatures, the highest maximum temperature of the year  $86^{\circ}$  being recorded on 12th June, and the greatest amount of sunshine in a day, 12 hours 42 minutes on 15th June.

The coldest months of the year were March, November and December, the latter months being particularly wintry, and December recording the lowest day maximum temperature of  $37^{\circ}$ , the mean temperature of the month being  $41.4^{\circ}$ , the lowest for the year.

The total rainfall for the year was 40.80 inches and hundredths, which has for the second year in succession been abnormal and much above the average, which is for the preceding 5 years 34.82 inches, and for 10 years 36.47 inches, and 15 years 37.33 inches.

The month of most rainfall was January, 6.49 inches, and the least June 0.01 inch. January, February and December were the wettest months, and March and June the driest.

The number of days on which measurable rain fell was 177, and on which only a "trace" was recorded 22 days. There were 166 days without rain.

The total sunshine recorded for the year was 1911.8 hours and tenths, being 43 per cent., and a mean daily of 5.4 hours and tenths. This total is 253.5 hours more than last year, and much above the average of the preceding 5 years which is 1723.6 hours, and for 10 years 1673.9 hours, and 13 years, i.e., 1910—1917 and 1920—1924 inclusive,



1675.7 hours. Owing to the war, the records for 1918 and 1919 were broken, only the first nine months of 1918 were recorded, and totalled 1574.0 hours, and the last seven months of 1919, which totalled 1073.55 hours. The month of most sunshine was June, with 358 hours 12 minutes, with a mean daily of 11 hours 54 minutes. The 15th of June also gave us the greatest amount of sunshine in one day, viz., 14 hours 42 minutes. The number of days on which sunshine was recorded was 317.

The mean temperatures were slightly higher than last year. The mean of the air temperature being  $53^{\circ}$  against  $52.5^{\circ}$  last year, and the mean temperature,  $50.5^{\circ}$ —against  $49.3^{\circ}$  last year.

Our temperatures are fairly equable, and the variations have been slight for the past few years. There are no great extremes, and the mean average of daily range is  $11.8^{\circ}$ .

**Pressure and Winds.**—Pressure was highest in January, associated with gales and strong winds. February was below normal, but not quite so windy as January. In March, pressure was greatly in excess of normal, only three depressions crossing the British Isles during the month; there was great prevalence of wind from a northerly quarter. April was below normal, as also was May, with a fair amount of strong wind. June was above normal, the predominating influence on the weather in the month being the anti-cyclone which for the greater part of the month lay over the British Isles. Pressure was below normal in July, and in the majority of stations above normal in August, and below in September and October, and above normal in November, and below in December. High winds and gales being experienced. The main wind current was from the West, North West, South West, East, South-East, and North East, but from the observations made it will be clearly seen that out of 730 observations, 477 were from points between South, West, and North North-West.

**Ground Frost** was greater in January and November and December than previous years, and accounts for the greater number of frosts recorded, namely, 72 days, against 60 days last year, the most severe being in March and November and December. The lowest temperature on the grass was  $18^{\circ}$  on March 13th. Generally speaking, the frosts are not very severe.

**Snow or Sleet.**—There were moderate falls in March, November and December, more particularly in November, but was of very short duration, and no depth; in the main, passing showers.

**Hail.**—Passing showers ordinary, of more or less intensity.

**Fog.**—Greater amount than usual, but of no great intensity, and of only short duration, mainly sea fog.

**Visibility.**—Generally very good.

**Humidity.**—79 per cent., as last year, and still above the average of 76 per cent. accounted for by the excess of rainfall.

Paignton is situated in North Latitude  $50^{\circ}28'$  and West Longitude  $3^{\circ}34'$ . The Town faces East, and many parts of the town are situated on the highest elevations overlooking Torbay.



The Meteorological Station is situated in Queen's Park, and at the Main Shelter on the Esplanade, and is maintained by the Urban District Council and under the Air Ministry. The Thermometers are contained in a Stevenson Screen, 4 feet from the ground. The Sun Maximum Thermometer (Black Bulb in Vacuo) is on a stand close by. The Grass Minimum Thermometer is placed out nightly.

The Rain Gauge is an approved Meteorological Standard pattern, with an 8in. top, with the rim 12 inches from the ground.

The Sunshine Recorder is a Campbell-Stokes pattern with glass sphere, approved by the Meteorological Office, and is placed at the top of the tower of the Pavilion, 30 feet from the ground, to the latitude, etc., of the Station.

An Anemometer is also fixed on the same tower. The Barometer is a Fortin with brass scales, and Mercury Reservoir, and is so fixed that its zero coincides with the fiducial point in the Reservoir. The readings are taken in millibars and inches.

Observations are taken twice daily throughout the year, and the weather is reported daily to the Meteorological Office, London, and appears in the daily weather Report issued by that Office, and their other publications—weekly, monthly and yearly.

The Station was inspected by R. S. Read, Esq., Meteorological Office Inspector, Air Ministry, on the 20th April, 1925, and all the Instruments tested and certified.

Appended are the statistics of the "means" and "averages" of the Barometer, Thermometers, Rainfall, Sunshine, Humidity, Wind Direction Forces, and other phases of the weather.

I remain, Gentlemen,

Your obedient servant,

**C. BELLINGER,** Town Meteorologist.



## BRIEF ACCOUNT OF THE WEATHER IN EACH MONTH OF THE YEAR.

**January.**—Dull, windy, wet. Sunshine average below. Rainfall above average. Temperature on average. Cyclonic conditions from the 22nd inst. to end of month, Wind above average. Wind S.W. and W. Visibility moderate.

**February.**—General wet and mild, but good amount of sunshine. Temperature slightly above average. Good visibility. Rainfall above average. Wind above average, from S.W. to N.W.

**March.**—Mainly very dry, with N.W. wind, and sunshine 28 days of the month. Rainfall below average. Wind below average. Sunshine on average. Temperature below average. Wind N., N.E., E., N.N.W. and N.W.

**April.**—Generally fairly good throughout the month. Sunshine above average. Rainfall below. Temperature on average. Visibility good. Wind above average. Main wind current E. to S.

**May.**—Wind, showery, cool to warmer. Good sunshine and visibility. Rainfall above average. Temperature above, Wind force above, and from S., S.W. to W.

**June.**—High and uniform pressure. Exceptional sunshine, dryness and temperature, and visibility. Light wind, and only 0.01 of rain. Main wind current from an Easterly point.

**July.**—Mainly fair, warm. Thundery at times. Good visibility. Rainfall on average. Temperature above average. Wind slightly above average. Wind direction changeable.

**August.**—Mainly unsettled and cloudy. Rainfall above the average but occurred mostly at night. Sunshine was good and above the average. Visibility good. Temperature above the average. Wind S.W. and W.

**September.**—Mainly cool and windy. Bright and sunny first half. Changeable second half. Rainfall above average. Temperature below average. Visibility good. Main wind direction from S.W., W. to N.W.

**October.**—Mild, dry and sunny first half. Unsettled the rest of month. Sunshine below average. Rainfall above. Temperature slightly above. Visibility moderate. Wind direction S.W. to W.

**November.**—Very wet first week, remainder very cold, dry and sunny. Sunshine above average. Rainfall much above the average. Temperature much below the average, wind much above average, and mainly from N., N.E., E. and W.

**December.**—In the main very cold and fine at times, but cyclonic and wet especially in the second half of the month. Sunshine was above the average. Rainfall above. Temperature much below. Wind above average. Visibility moderate. Wind direction N. and S.W. to N.W.



# RAINFALL 1925.

| Month.    | Monthly Totals in inches. | Greatest fall in 24 hours and date. | Number of days on which rain fell. | Number of days on which only a trace was recorded. | Number of days without rainfall. |
|-----------|---------------------------|-------------------------------------|------------------------------------|--|----------------------------------|
| January   | 6.49                      | 1.61 on 25th                        | 19                                 | 2  | 9                                |
| February  | 5.03                      | 0.94 " 25th                         | 20                                 | 2  | 8                                |
| March     | 0.35                      | 0.11 " 31st                         | 9                                  | 1  | 21                               |
| April     | 2.87                      | 0.88 " 5th                          | 19                                 | 1  | 10                               |
| May       | 3.65                      | 0.92 " 26th                         | 20                                 | 1  | 10                               |
| June      | 0.01                      | 0.01 " 23rd                         | 1                                  | —  | 29                               |
| July      | 2.59                      | 0.58 " 30th                         | 15                                 | 2  | 14                               |
| August    | 2.67                      | 1.10 " 5th                          | 14                                 | 2  | 15                               |
| September | 3.39                      | 1.20 " 19th                         | 16                                 | 2  | 12                               |
| October   | 4.22                      | 1.15 " 22nd                         | 11                                 | 4  | 16                               |
| November  | 4.01                      | 1.31 " 6th                          | 14                                 | 2  | 13                               |
| December  | 5.52                      | 1.00 " 19th                         | 19                                 | 3  | 9                                |
| Totals    | 40.80                     |                                     | 177                                | 22   | 167                              |

1924 Records.—Number of days on which rain fell, including "Trace" 209; and number of days without rain, 157.

### BAROMETER AND TEMPERATURES.

Mean of monthly totals of Barometer, which are corrected for height above mean sea level, approximately 17 feet 0 temperature of Attached Thermometer; Latitude; Index Error and Gravity. Also the monthly means of the Air Temperatures, Maximum and Minimum Temperatures, Mean Temperature, Minimum Temperature on the Grass, Daily Range and Mid-Temperature, and Humidity.

[illegible]





## Hours and Minutes.

35



**OBSERVATIONS OF FROST, SNOW, OR SLEET, HAIL,  
THUNDER AND LIGHTNING, FOG, AND STATE OF VISIBILITY.**

| Month.        | Days<br>of<br>Frost. | Hail. | Snow<br>and<br>Sleet. | Thunder<br>and<br>Lightning | Fog. | Range of<br>Visibility. |
|---------------|----------------------|-------|-----------------------|-----------------------------|------|-------------------------|
| January ...   | 13                   | 1     | —                     | —                           | 6    | Moderate.               |
| February ...  | 13                   | 4     | —                     | 1                           | 1    | Good.                   |
| March ...     | 12                   | 1     | 3                     | 1                           | —    | Mainly good.            |
| April ...     | 5                    | 2     | —                     | 1                           | —    | Good.                   |
| May ...       | —                    | 1     | —                     | 1                           | 1    | Very good.              |
| June ...      | —                    | —     | —                     | —                           | —    | Excellent.              |
| July ...      | —                    | —     | —                     | 4                           | 2    | Good.                   |
| August ...    | —                    | —     | —                     | 1                           | 2    | Good.                   |
| September ... | —                    | —     | —                     | —                           | 2    | Good.                   |
| October ...   | 2                    | 1     | —                     | —                           | 7    | Moderate.               |
| November ...  | 14                   | 1     | 3                     | —                           | 7    | Moderate.               |
| December ...  | 13                   | 1     | 1                     | 2                           | 9    | Moderate.               |
| Totals ...    | 72                   | 12    | 7                     | 11                          | 37   |                         |

**OBSERVATIONS OF CLOUD AMOUNTS.**

Cloud forms, higher and lower, and the direction they are moving are also observed, and is a very important observation. Cloud amounts are of rapid change. "O": clear sky; "10": overcast.

| Month.        | 0  | 1 to 3 | 4 to 6 | 7 to 9 | 10  | Number of<br>Observations. |
|---------------|----|--------|--------|--------|-----|----------------------------|
| January ...   | 6  | 7      | 11     | —      | 38  | 62                         |
| February ...  | 5  | 15     | 9      | 11     | 16  | 56                         |
| March ...     | 5  | 12     | 9      | 17     | 19  | 62                         |
| April ...     | 3  | 17     | 15     | 4      | 21  | 60                         |
| May ...       | 2  | 10     | 16     | 14     | 20  | 62                         |
| June ...      | 18 | 23     | 10     | 8      | 1   | 60                         |
| July ...      | 3  | 16     | 15     | 11     | 17  | 62                         |
| August...     | 2  | 13     | 18     | 14     | 15  | 62                         |
| September ... | 3  | 23     | 10     | 12     | 12  | 60                         |
| October ...   | 8  | 10     | 10     | 13     | 21  | 62                         |
| November ...  | 8  | 13     | 8      | 10     | 21  | 60                         |
| December ...  | 6  | 9      | 10     | 8      | 29  | 62                         |
| TOTALS ...    | 69 | 168    | 141    | 122    | 230 | 730                        |

## OBSERVATIONS OF WIND DIRECTIONS.

Force 8 or more indicates gale, or strong gale; 4 to 7 moderate to high wind; 1 to 3 light to gentle breezes.

|                 | Force<br>8 or more | Force<br>4-7 | Force<br>1-3 | Calm. | N.N.W. | N. | N.N.E. | N.E. | E.N.E. | E. | E.S.E. | S.E. | S.S.E. | S. | S.S.W. | S.W. | W.S.W. | W.  | W.N.W. | N.W. | Tl. Obs.<br>Force. | Tl. Obs.<br>Direction |
|-----------------|--------------------|--------------|--------------|-------|--------|----|--------|------|--------|----|--------|------|--------|----|--------|------|--------|-----|--------|------|--------------------|-----------------------|
| January         | 3                  | 32           | 27           | -     | -      | -  | -      | 1    | 1      | 3  | 1      | 5    | 4      | 5  | 5      | 15   | 2      | 16  | -      | 4    | 62                 | 62                    |
| February        | -                  | 31           | 25           | -     | 2      | 1  | -      | -    | -      | -  | -      | 3    | -      | 1  | 3      | 14   | 3      | 15  | 2      | 12   | 56                 | 56                    |
| March           | -                  | 31           | 30           | 1     | 7      | 3  | 3      | 10   | 1      | 6  | -      | 2    | -      | -  | -      | 5    | -      | 5   | 1      | 18   | 62                 | 62                    |
| April           | -                  | 35           | 25           | -     | 5      | 2  | 3      | 6    | 1      | 1  | 1      | 10   | 2      | 5  | 1      | 6    | 1      | 7   | 2      | 7    | 60                 | 60                    |
| May             | -                  | 46           | 16           | -     | 1      | -  | 1      | 1    | 1      | 4  | 2      | 5    | 1      | 7  | 2      | 9    | 6      | 15  | 1      | 6    | 62                 | 62                    |
| June            | -                  | 21           | 28           | 1     | 8      | 4  | -      | 1    | 3      | 16 | 3      | 6    | -      | -  | -      | 2    | 4      | 6   | -      | 7    | 60                 | 60                    |
| July            | -                  | 37           | 24           | 1     | 3      | 3  | 1      | 3    | -      | 12 | 3      | 4    | 2      | 2  | 1      | 3    | 7      | 9   | 4      | 5    | 62                 | 62                    |
| August          | -                  | 41           | 21           | -     | 1      | 1  | 1      | 8    | 1      | 4  | -      | 3    | -      | 1  | 2      | 14   | 2      | 13  | 2      | 9    | 62                 | 62                    |
| September       | -                  | 43           | 17           | -     | 6      | 2  | 2      | 1    | -      | 2  | 1      | 3    | 1      | 1  | 2      | 8    | 1      | 8   | 3      | 19   | 60                 | 60                    |
| October         | -                  | 29           | 32           | 1     | 3      | 2  | 1      | 5    | 3      | 7  | -      | 3    | 2      | 1  | 3      | 9    | 2      | 14  | 2      | 4    | 62                 | 62                    |
| November        | 2                  | 32           | 26           | -     | 3      | 12 | 3      | 6    | 5      | 5  | -      | 1    | -      | 4  | -      | 4    | 2      | 9   | 1      | 6    | 60                 | 60                    |
| December        | 2                  | 30           | 30           | -     | 2      | 10 | 1      | 3    | -      | -  | 1      | 5    | 1      | 2  | 2      | 9    | 9      | 5   | 7      | 5    | 62                 | 62                    |
|                 | 7                  | 408          | 311          | 4     | 41     | 40 | 15     | 45   | 16     | 60 | 12     | 50   | 13     | 29 | 21     | 98   | 39     | 122 | 25     | 102  | 730                | 730                   |
| 1924, leap year | 11                 | 405          | 314          | 2     | 31     | 27 | 14     | 50   | 17     | 94 | 19     | 58   | 17     | 32 | 25     | 155  | 48     | 94  | 41     | 53   | 732                | 732                   |





