

[Report 1939] / Medical Officer of Health, Llanfillin / Llanfyllin Borough.

Contributors

Llanfyllin (Wales). Borough Council.

Publication/Creation

1939

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WELSH BOARD OF HEALTH
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Borough of Llanfyllin.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR 1939.

R. A. Bryan, Printer, Llanfyllin.



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being occupied while one previously closed has been re-
closed or treated had been made to re-conditions same.

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that in the matter of the various conditions being separated from
one another.

RHIWLAS,

LLANFYLLIN,

Mont.

Oct. 20th, 1940.

To the Mayor and Members of the Llanfyllin
Borough Council.

GENTLEMEN,

I have the honour to present to you my Annual Report on the Health and Sanitary circumstances prevailing in the Municipal Borough during the year 1939.

The Vital Statistics are satisfactory. It is to be noted that the Birth-rate is lower by one point, and the Death-rate higher by one point on last year. In comparison with the figures for the Country as a whole I find that our Birth-rate is practically three points higher whereas our Death-rate is over five points higher.

The health of the Borough has been good. Apart from a mild epidemic of Scarlet Fever—twenty-five cases in all, of which sixteen were at the preparatory school at Llwyn, we were free from notifiable disease.

It gives me great pleasure to commend the new Scavenging arrangement which came into operation in October, whereby all the house refuse is collected weekly and removed to a tip at Carreghofa.

The Sanitary conditions remain unchanged, and those insanitary closets of Narrow Street still remain.

Housing conditions remain the same, one condemned house still being occupied, while one previously closed has been re-let, although no attempt had been made to re-condition same.

Overcrowding was substantially the same though it is probable that on the arrival of the evacuee children during September there was a deterioration in the position.

GENERAL STATISTICS.

Area (in acres)—8,143.

Registrar General's estimate of—

(a) resident population, mid-1939: 1,334.

(b) average population appropriate to the calculation of
Death rates: 1,377.

Number of inhabited houses (end of 1939) according to Rate
Books—392.

Rateable Value—£4,350.

Sum represented by a penny rate—£17 16s. 0·3d.

VITAL STATISTICS.

| <i>BIRTHS.</i> | | | | <i>M.</i> | <i>F.</i> | <i>Total.</i> | |
|--------------------|---|--------------|--------|-----------|-----------|---------------|------|
| Live Births | { | Legitimate | | 12 | 11 | 23 | } 24 |
| | | Illegitimate | | 1 | 0 | 1 | |

Birth-rate per 1,000 population—17·99.

Still Births 1 1 2

Birth-rate per 1,000 total live and still births—76·92.

| <i>DEATHS.</i> | | | | <i>M.</i> | <i>F.</i> | <i>Total.</i> |
|----------------|--|--|--|-----------|-----------|---------------|
| | | | | 8 | 15 | 23 |

Death-rate per 1,000 population—17·42.

Death-rate from Puerperal Causes—0.

Deaths of Infants under one year of age—2 (Legitimate).

Death-rate of all Infants per 1,000 live births—83·3.

Death-rate of Legitimate Infants per 1,000 live-births—86·9.

Death-rate of Illegitimate Infants per 1,000 live births—0.

Deaths from Cancer (all ages)—4.

Deaths from Measles (all ages)—1.

Deaths from Whooping Cough (all ages)—0.

Deaths from Diarrhoea (under 2 years of age)—0.

Death-rate for England and Wales—12·1.

Birth-rate for England and Wales—15.

Comparative Table of Births and Deaths.

| | Birth-rate per 1,000 population. | Death-rate per 1,000 population. | Death-rate per 1,000 Live Births. | |
|------------------------|--|--|--------------------------------------|-------------------|
| | | | <i>Maternal.</i> | <i>Infantile.</i> |
| England and Wales ... | 15· | 12·1 | 2·82 | 50 |
| Llanfyllin Rural Dist. | 16·4 | 14·65 | 0· | 89·4 |
| Llanfyllin Borough ... | 17·99 | 17·42 | 0· | 83·3 |

Table of Causes of Death with Age incidence.

| Disease. | Under | | | | | | | | | | Total |
|-------------------------------|---------|-----|-------|-------|-------|-------|-------|-------|-------|---|-------|
| | 1 year. | 1/3 | 20/30 | 30/40 | 40/50 | 50/60 | 60/70 | 70/80 | 80/90 | | |
| Congenital Debility | 2 | — | — | — | — | — | — | — | — | — | 2 |
| Measles ... | — | 1 | — | — | — | — | — | — | — | — | 1 |
| Meningitis ... | — | — | — | 1 | — | — | — | — | — | — | 1 |
| Diabetes ... | — | — | — | 1 | — | — | — | — | — | — | 1 |
| Heart Disease ... | — | — | — | — | — | 1 | 2 | 1 | 1 | — | 5 |
| Cerebral Haemorrhage ... | — | — | — | — | — | — | — | — | 2 | — | 2 |
| Other Circulatory Disease ... | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Tuberculosis ... | — | — | — | — | — | — | 1 | — | — | — | 1 |
| Uraemia ... | — | — | — | — | — | — | 1 | — | — | — | 1 |
| Cancer ... | — | — | — | — | — | 2 | — | 1 | 1 | — | 4 |
| Flu ... | — | — | — | — | — | — | — | 1 | — | — | 1 |
| Graves Disease ... | — | — | — | — | 1 | — | — | — | — | — | 1 |
| Gangrene ... | — | — | — | — | — | — | — | — | — | 1 | 1 |
| Violence ... | — | — | 1 | — | — | — | — | — | — | 1 | 1 |
| | 2 | 1 | 1 | 2 | 1 | 3 | 4 | 6 | 3 | — | 23 |

The number of Cancer deaths shows an increase of 50 per cent. on last year's figure. There were two Infantile deaths and one from Tubercle.

General Provisions of Health Services.

I. Public Health Officers of the Authority:

- (a) A part time Medical Officer of Health.
- (b) A Qualified Sanitary Inspector who also acts as Food Inspector.
- (c) The District Nurse who is the only qualified Midwife practising in the district.

II. (a) **Laboratory Facilities:** The services of the Emergency Public Health Laboratory at Wrekin College, Wellington are now available.

(b) **Ambulance Facilities:** No change.

(c) **Nursing in the Home:** No change.

(d) **Clinics and Treatment Centres:** No Change.

(e) **Hospitals:** No change.

Sanitary Circumstances of the Area.

Water.

There was no change in the Water supply during the year. Three samples of water were submitted for chemical examination during the year. The results were satisfactory.

Of seven samples bacteriologically examined the first results were far from satisfactory. They revealed the presence of surface contamination. However, further specimens gave a better result, but the water from the main supply was below standard. Housewives were advised to boil all drinking water before use.

Drainage and Sewerage.

No change. Minor repairs to sewer were carried out.

Rivers and Streams.

No action taken.

Closet Accommodation.

No change.

Public Cleansing.

I am pleased to record that an improved system of scavenging came into operation in October. Under the new arrangement all house refuse is collected weekly and removed in a covered motor vehicle to a controlled tip at Carreghofa. The scheme is a considerable improvement but all premises should provide, or be provided with, suitable bins to facilitate the collection of all the refuse. The dis-used tip requires attention.

Sanitary Inspections of the Area.

III. Number of Inspections made by your Inspector during the year :

| | | | | | |
|----|----------------------|-----|-----|-----|----|
| 1. | Slaughter Houses | ... | ... | ... | 18 |
| 2. | Bake Houses | ... | ... | ... | 4 |
| 3. | Dairies and Cowsheds | ... | ... | ... | 21 |
| 4. | Retail Milksellers | ... | ... | ... | 2 |
| 5. | Other Nuisances | ... | ... | ... | 53 |

IV. **Shops** : No action taken.

V. **Smoke Abatement** : No action taken.

VI. **Swimming Baths and Pools** : None in area.

VII. **Eradication of Bed Bugs** : No action taken.

Schools.

Nothing new to report.

Housing.

There was no material change in the housing position during the year. Two houses were renovated after informal action by the Council. There is still some cases of overcrowding and many houses remain which are unfit for human habitation.

Inspection and Supervision of Food.

(a) Milk Supply :

There are 6 wholesale Milk producers and 4 retail milk sellers in the Borough. These premises are kept under constant observation and are all in satisfactory condition. One Tuberculin Tested License is held in the town.

(b) Meat and other Food :

Frequent inspections made by your Inspector.

(c) Adulteration, etc. : No action taken.

Prevalence of, and Control over, Infectious and other Diseases.

Twenty-five cases of Scarlet Fever were notified during the year and one case of Puerperal Fever. Sixteen of the Scarlet Fever cases occurred at the school at Llwyn. No new cases of Tuberculosis was notified during the year.

Table of Notifiable Diseases (other than Tuberculosis) with Age Incidence.

| Disease. | Under 1 year. | 1—2 | 3—4 | 5—10 | 10—15 | 15—20 | 20—35 | Total. |
|----------------------|------------------|-----|-----|------|-------|-------|-------|--------|
| Scarlet Fever | — | 1 | 2 | 14 | 8 | — | — | 25 |
| Puerperal Pyrexia | — | — | — | — | — | — | 1 | 1 |

Three cases were admitted into Hospital.

Cancer.

There were four deaths from Cancer during the year. Facilities for diagnosis and treatment are available at the Royal Salop Infirmary and the Radium Institute Liverpool.

Cancer Table showing Site of Growth, Sex and Age Incidence.

| <i>Site of Growth.</i> | | | <i>Sex.</i> | | | <i>Age.</i> |
|------------------------|-----|-----|-------------|-----|-----|-------------|
| Breast | ... | ... | F. | ... | ... | 51 years. |
| Stomach | ... | ... | F. | ... | ... | 75 years. |
| Stomach | ... | ... | F. | ... | ... | 51 years. |
| Stomach | ... | ... | M. | ... | ... | 80 years. |

Death-rate for Cancer per 1,000 population—2·92.

Tuberculosis.

No action taken under the Public Health (Prevention of Tuberculosis) Regulations 1925, (relating to persons suffering from Pulmonary Tuberculosis in the milktrade) or under Section 172 of the Public Health Act 1936 (relating to the compulsory removal to hospitals of persons suffering from Tuberculosis).

There was one death from Pulmonary Tuberculosis during the year, a chronic case. No new case was notified.

Death-rate per 1,000 population—·73.

Number on my Register at the beginning and end of 1939.

| | <i>Respiratory.</i> | | <i>Non-Respiratory.</i> | | <i>—Total.—</i> | |
|---------------|---------------------|-----------|-------------------------|-----------|-----------------|-----------|
| | <i>M.</i> | <i>F.</i> | <i>M.</i> | <i>F.</i> | <i>M.</i> | <i>F.</i> |
| Jan., 1939 .. | 0 | 2 | 0 | 0 | 0 | 2 |
| Jan, 1940 ... | 0 | 1 | 0 | 0 | 0 | 1 |

In conclusion I wish to thank your Inspector for his co-operation and help during the year.


~~Table 572 (Factories and Workshops)~~ is affixed.

I am, Gentlemen,

Your obedient Servant,

E. CERNYW JAMES,

B.Sc., M.R.C.S., L.R.C.P.



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E. A. Ryan, Printer, Washington.