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**Contributors**

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ANNUAL REPORT.

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OF THE

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MEDICAL OFFICER OF HEALTH.

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FOR THE

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RURAL DISTRICT OF HOLYWELL.

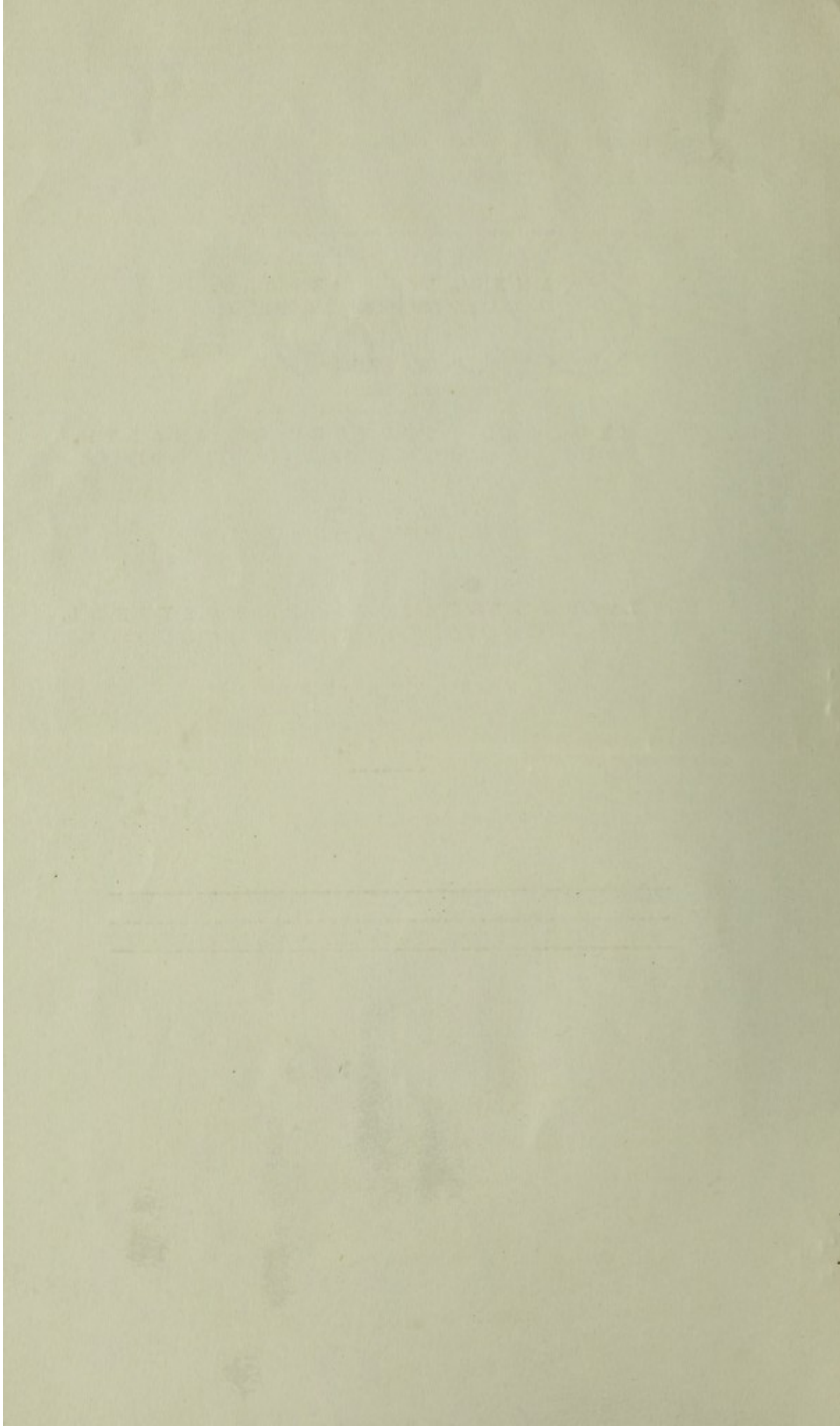
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FOR THE YEAR

1942.

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MEDICAL OFFICER OF HEALTH'S REPORT.

To:

The Chairman and Members of the Holywell Rural District Council.

Gentlemen,

I present my annual report for the year ending December 31st, 1947.

VITAL STATISTICS.

| <u>Live Births.</u> | <u>Total.</u> | <u>M.</u>   | <u>F.</u>   |                             |
|---------------------|---------------|-------------|-------------|-----------------------------|
| Legitimate.         | 349.          | 180.        | 169.        | Birth rate per 1,000        |
| Illegitimate.       | 21.           | 8.          | 13.         | (estimated population) 16.7 |
|                     | <u>370.</u>   | <u>188.</u> | <u>182.</u> |                             |

STILL BIRTHS.

|               |     |    |    |                          |
|---------------|-----|----|----|--------------------------|
| Legitimate.   | 10. | 8. | 2. | Rate per 1,000 (live and |
| Illegitimate. |     |    |    | still births) 16.7       |

|                |      |      |      |                        |
|----------------|------|------|------|------------------------|
| <u>DEATHS.</u> | 276. | 141. | 135. | Death rate per 1,000   |
|                |      |      |      | (estimated population) |
|                |      |      |      | 12.1                   |

|                                     |      |
|-------------------------------------|------|
| Deaths from Puerperal Sepsis.       | Nil. |
| Deaths from other Puerperal causes. | Nil. |

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

|                                                         |        |
|---------------------------------------------------------|--------|
| Legitimate. M. 11. F. 7. Illegitimate F. 1.             | Total. |
| All infants per 1000 live births.                       | 19.    |
| Legitimate infants per 1000 legitimate live births.     | 51.    |
| Illegitimate infants per 1000 illegitimate live births. | 47.    |
| Deaths from Cancer (all ages).                          | 1.45.  |
| Deaths from Measles (all ages).                         | Nil.   |
| Deaths from Whooping Cough. (all ages).                 | Nil.   |
| Deaths from Diarrhoea (under 2 years).                  | 0.08.  |

DEATHS (ALL CAUSES).

|                                            | <u>M.</u> | <u>F.</u> |
|--------------------------------------------|-----------|-----------|
| Cerebro Spinal Fever.                      |           | 1.        |
| Tuberculosis of the respiratory system.    | 10.       | 3.        |
| Other forms of Tuberculosis.               | 2.        |           |
| Influenza.                                 | 1.        | 1.        |
| Acute polio myelitis & polio encephalitis. | 1.        |           |
| Acute infantile encephalitis.              | 1.        |           |
| Cancer of the buccal cavity & oesophagus.  | 2.        |           |
| Cancer of the uterus female.               |           | 3.        |
| Cancer of the stomach and duodenum.        | 6.        | 4.        |
| Cancer of the breast.                      |           | 4.        |
| Cancer of all other sites.                 | 11.       | 3.        |
| Diabetes.                                  | 1.        | 1.        |
| Intercranial Vascular Lesions.             | 14.       | 18.       |
| Heart Diseases.                            | 28.       | 41.       |
| Other diseases of the Circulatory System.  | 5.        | 1.        |
| Bronchitis.                                | 6.        | 7.        |
| Pneumonia.                                 | 10.       | 5.        |
| Other respiratory diseases.                | 2.        | 2.        |
| Ulcer of stomach and duodenum.             | 3.        |           |
| Diarrhoea. (under 2 years)                 |           | 2.        |
| Appendicitis.                              | 1.        |           |
| Other digestive diseases.                  | 5.        | 5.        |
| Nephritis.                                 | 1.        | 6.        |
| Premature birth.                           | 5.        | 3.        |



Conenital Malformation and birth injury.  
Violent Causes.  
All other causes.

| M:   | F:   |
|------|------|
| 4:   | 3:   |
| 4:   | 2:   |
| 18:  | 20:  |
| 141. | 135. |

Total Deaths. 276.

#### SECTION B.

##### GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

##### PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

###### (a) MEDICAL OFFICER OF HEALTH (Part Time).

I. Philippino Nellis, L.R.C.P. & S.I., D.P.H.,

###### (b) SANITARY INSPECTORS (WHOLE TIME).

R.D.Jones, C.R.S.I., M.I.Mun, & Cty. E.

A.O.Griffiths, C.R.S.I., M.S.I.A.

Certified Inspector (Meat and Foods).

D.O.M.Jones, C.R.S.I., M.S.I.A.

###### (a). LABORATORY FACILITIES.

Carried out by Emergency Public Health Laboratory, Conway.

###### (b). AMBULANCE FACILITIES.

There is no ambulance. Hospital ambulances are sent from Liverpool and Chester for serious cases.

###### (c). NURSING IN THE HOME.

Voluntary organisations provide existing facilities.

###### (d). TREATMENT CENTRES AND CLINICS.

Administered by the Flintshire County Council.

###### (e). HOSPITAL.

There is no hospital in the area.

#### SECTION C.

##### SANITARY CIRCUMSTANCES IN THE AREA .

The following companies supply water within the area.

Brymbo Water Co.,

Hawarden and District Water Co.,

Mold Gas and Water Co.,

Birkenhead Corporation (in bulk).

The Council have also supplies of their own and all supplies have been well maintained.

Chlorinating Plants have been installed on the supplies at Mostyn, Garth, Caerwys, also, an additional Booster Plant has been provided at the Rhosesmor Pumping Station.

##### SEWERAGE AND SEWERAGE DISPOSAL WORKS.

All sewers and Disposal works have been well maintained.

## PUBLIC CLEANSING.

Scavenging of the whole District is undertaken by the Council. The work is carried out by means of contracts and for this purpose the area is divided into 15 separate districts. Generally the work was carried out satisfactorily. Difficulty was experienced in the Ffynnongroew District due to the fact that the Contractor suffered from a severe illness, and was unable to obtain the necessary labour. Another Contractor took the work in hand and no further trouble was experienced. Some trouble was experienced in Districts Nos. 10 and 11, due chiefly to the fact that Contractors have the utmost difficulty in obtaining labour.

## REFUSE TIPS.

On the whole these tips have been well maintained. In some cases they were infested with marauding rats, but have been promptly dealt with by fumigation with hydrogen cyanide.

## RIVERS AND STREAMS.

No complaints were received.

## SHOPS INSPECTION.

All shops were inspected and the statutory provisions relating thereto enforced.

## CAMPING SITES.

Sites used for camping were on the whole well maintained, licences issued numbered 17. These sites are regularly inspected and no cause of complaint was noted.

## SMOKE ABATEMENT.

No complaints relating to smoke nuisances were received. There are a number of factories in this district and the absence of complaints can be viewed with satisfaction.

## SWIMMING POOLS AND BATHS.

There is only one swimming pool within the district. It is privately owned and open only during summer months.

## ERADICATION OF BED BUGS.

No cases of infestation were found during the year.

## SCHOOLS.

All schools are periodically visited and inspected, the water supply and sanitary arrangements being supervised.

## SECTION D.

Inspection of dwelling houses still takes a great deal of the time of the Department. There has been noticeable decline in cases of overcrowding. It is still a difficult problem to have any repairs carried out as the labour shortage in the building trade appears to be acute.

## SECTION E.

### INSPECTION AND SUPERVISION OF FOOD.

### MILK SUPPLY. COWSHEDS AND DAIRIES.

The inspection of cowsheds and dairies is carried out regularly. Where conditions were not up to the standard of the Milk and Dairies



Order, instructions were given for the necessary work to be carried out.

# MEAT AND OTHER FOODS.

Meat Inspection is carried out at the Ministry of Food Slaughter House, Holywell. Meat Inspection is carried out three or four days each week. In addition emergency slaughtering of casualties is done at all times and these are always examined.

| MILK SUPPLY. COWSHEDS AND DAIRIES.                               |                              |       |                   |       |         |
|------------------------------------------------------------------|------------------------------|-------|-------------------|-------|---------|
|                                                                  | Cattle<br>excluding<br>cows. | Cows. | Sheep &<br>Lambs. | Pigs. | Calves. |
| Number inspected.                                                | 502.                         | 125.  | 13,729.           | 97.   | 165.    |
| All animals except<br>Tuberculosis whole<br>carcasses condemned. | 9.                           |       | 13.               |       |         |
| Carcasses of which<br>some part or organ<br>was condemned.       | 108.                         |       | 261.              |       |         |
| Tuberculosis only<br>whole carcasses<br>condemned.               | 4.                           | 6.    |                   |       |         |
| Carcasses of which<br>some part or organ<br>was condemned.       | 36.                          |       |                   |       |         |

## SECTION F.

## PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

| Under<br>Age Periods.    | 1. | 1.  | 2.  | 3.  | 4.  | 5.  | 10. | 15. | 20. | 35. | 45. | 55. | Total. | Hospital. | Deaths. | Rate. |
|--------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----------|---------|-------|
| DISEASES.                |    |     |     |     |     |     |     |     |     |     |     |     |        |           |         |       |
| Scarlet Fever.           |    |     | 3.  | 1.  | 2.  | 10. | 2.  | 2.  |     |     |     |     | 20.    |           |         | 0.87. |
| Diphtheria.              |    |     | 1.  | 2.  | 2.  | 5.  | 5.  | 7.  | 8.  | 1.  | 2.  |     | 33.    | 10.       |         | 1.45. |
| Cerebro Spinal<br>Fever. |    |     |     |     |     | 1.  | 1.  |     |     |     |     |     |        | 22.       |         |       |
| Puerperal Pyrexia. *     | 1. |     |     |     |     |     |     |     | 1.  | 1.  | 1.  |     | 4.     | 3.        | 1.      | 0.17. |
| Erysipelas.              |    |     |     |     |     |     | 1.  |     | 1.  |     |     |     | 2.     |           |         | 5.40. |
| Pneumonia.               | 3. | 1.  | 1.  | 3.  |     | 3.  |     | 2.  | 8.  | 7.  | 2.  |     | 5.     |           |         | 0.21. |
| Measles.                 |    | 2.  | 7.  | 7.  | 15. | 24. | 6.  |     | 1.  | 1.  | 8.  | 14. | 50.    |           | 15.     | 2.10. |
| Whooping Cough.          |    |     | 2.  | 3.  | 2.  | 3.  |     |     | 1.  | 1.  |     |     | 63.    |           |         | 2.76. |
| Dysentery.               |    |     |     | 1.  |     |     |     |     |     |     |     |     | 10.    |           |         | 0.43. |
|                          |    |     |     |     |     |     |     |     |     |     |     |     | 1.     |           |         | 0.04. |
| 4.                       | 4. | 15. | 15. | 21. | 46. | 15. | 11. | 19. | 10. | 12. | 16. |     | 188.   | 35.       | 16.     |       |

\* N.B. Puerperal Pyrexia - rate per 1000 total births. Registered.



There has been a fall in the incidence of Diphtheria during the year the rate for 1941, being 2.61 against 1.45 for 1942. Immunisation against Diphtheria was begun in this area in April, 1941 and up to the end of 1942, 2258 children were immunised of school age, 5 to 15 years. The County Council Medical Services were responsible for children under 5 years. The percentages are as follows :-

Children under 5 years. 10.7.  
Children from 5 to 15 years. 50.4.

#### TUBERCULOSIS.

| Ages.    | New Cases.   |    |                  |    | Deaths.      |    |                  |    |
|----------|--------------|----|------------------|----|--------------|----|------------------|----|
|          | Respiratory. |    | Non-Respiratory. |    | Respiratory. |    | Non-respiratory. |    |
|          | M.           | F. | M.               | F. | M.           | F. | M.               | F. |
| 0.       |              |    |                  |    |              |    |                  |    |
| 1.       |              |    |                  |    |              |    |                  |    |
| 5.       | 1.           |    |                  |    | 2.           |    | 1.               |    |
| 15.      | 4.           |    | 1.               |    | 4.           |    | 1.               |    |
| 25.      | 2.           | 3. | 1.               |    | 1.           | 1. |                  |    |
| 35.      | 4.           | 3. |                  |    | 1.           | 1. |                  |    |
| 45.      |              | 1. | 1.               |    | 1.           | 1. |                  |    |
| 55.      | 3.           |    |                  |    | 1.           |    |                  |    |
| 65.      | 5.           |    |                  |    |              |    |                  |    |
| Upwards. | 19.          | 7. | 3.               |    | 10.          | 3. | 2.               |    |
|          | Rate. 0.83.  |    |                  |    | Rate. 0.67.  |    |                  |    |

#### OPHTHALMIA NEONATORUM.

| Cases Notified. | Treatment at Home. | In Hospital. | Vision Unimpaired. | Vision Impaired. | Total Blindness |
|-----------------|--------------------|--------------|--------------------|------------------|-----------------|
| 3.              | 3.                 | -            | -                  | -                | -               |

Rate. 0.13.

#### PREVENTION OF BLINDNESS.

This is administered by the County Council.

(Signed) I. PHILLIPINE NELIS.

Medical Officer of Health,  
HOLYWELL RURAL DISTRICT COUNCIL

The Manse,  
MOLD.

August 4th, 1943.