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Contributors

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ANNUAL REPORT.
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OF THE  
MEDICAL OFFICER OF HEALTH.  
~~~~~

FOR THE

RURAL DISTRICT OF HOLYWELL.
~~~~~

FOR THE YEAR.

1941.

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# HOLYWELL RURAL DISTRICT COUNCIL.

## 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, 1941.

### SOCIAL CONDITIONS AND CHIEF INDUSTRIES.

Chiefly agricultural. There is an Ironworks, a few small collieries, a lead mine, and a large factory.

### VITAL STATISTICS.

| Live Births.  | Total. | M.   | F.   |                            |
|---------------|--------|------|------|----------------------------|
| Legitimate    | 337.   | 167. | 170. | Birthrate per 1000         |
| Illegitimate. | 14.    | 9.   | 5.   | Estimated population 14.8. |

### STILL BIRTHS.

|               |     |     |    |                              |
|---------------|-----|-----|----|------------------------------|
| Legitimate.   | 18. | 12. | 6. | Rate per 1000( live & still) |
| Illegitimate. |     |     |    | births. .... 15.6.           |

|                |      |      |      |                                                  |
|----------------|------|------|------|--------------------------------------------------|
| <u>DEATHS.</u> | 337. | 176. | 161. | Deathrate per 14.2 1000<br>estimated population. |
|----------------|------|------|------|--------------------------------------------------|

|                              |    |      |      |
|------------------------------|----|------|------|
| Deaths from Puerperal sepsis | 1. | Rate | 2.71 |
| do do other puerperal causes | 1. | do   | 2.71 |

### DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

|                                                         | Legitimate. | Illegitimate. | Total. |
|---------------------------------------------------------|-------------|---------------|--------|
|                                                         | 17.         | 2.            | 19.    |
| All infants per 1000 live births.                       |             |               | 54.    |
| Legitimate infants per 1000 legitimate live births.     |             |               | 50.    |
| Illegitimate infants per 1000 illegitimate live births. |             |               | 143.   |
| Deaths from cancer (all ages)                           |             |               | 1.73.  |
| Deaths from measles do                                  |             |               | 0.08.  |
| Deaths from Whooping Cough (all ages)                   |             |               | 0.08.  |
| Deaths from Diarrhoea. (under 2 years).                 |             |               | 0.04.  |

### DEATHS (ALL CAUSES).

|                                           | M.  | F.  |
|-------------------------------------------|-----|-----|
| Typhoid and Paratyphoid Fever.            | -   | 1.  |
| Cerebro Spinal Fever.                     | 1.  | 2.  |
| Whooping Cough.                           | 1.  | 1.  |
| Diphtheria.                               | 2.  | 1.  |
| Tuberculosis of respiratory system.       | 6.  | 4.  |
| Other forms of Tuberculosis.              | 1.  | -   |
| Syphilitic Diseases                       | 3.  | 1.  |
| Influenza.                                | 3.  | 1.  |
| Measles.                                  | 2.  | 0.  |
| Cancer of Uterus.                         | 2.  | 3.  |
| Cancer of Stomach and Duodenum.           | 8.  | 4.  |
| Cancer of Breast.                         |     | 4.  |
| Cancer of other sites.                    | 9.  | 11. |
| Diabetes.                                 | 1.  | 3.  |
| Intercranial Vascular lesions.            | 16. | 28. |
| Heart Diseases.                           | 45. | 24. |
| Other diseases of the circulatory System. | 8.  | 10. |
| Bronchitis.                               | 5.  | 8.  |
| Pneumonia.                                | 7.  | 5.  |
| Other respiratory diseases.               | 2.  | 1.  |
| Ulcer of stomach and duodenum.            | 2.  | 2.  |
| Diarrhoea (under 2 years)                 |     | 1.  |
| Appendicitis.                             |     | 1.  |
| Other digestive diseases.                 | 6.  | 1.  |



|                                              | M.   | f.   |
|----------------------------------------------|------|------|
| Nephritis.                                   | 11.  | 9.   |
| Puerperal and post abortion sepsis.          |      | 1.   |
| Other maternal causes.                       |      | 1.   |
| Premature birth.                             | 2.   |      |
| Congenital Malformation<br>and birth injury. | 6.   | 2.   |
| Suicide.                                     | 1.   | 1.   |
| Road Traffic accidents.                      | 1.   | 0.   |
| Other violent causes.                        | 7.   | 3.   |
| All other causes.                            | 17.  | 28.  |
| Total.                                       | 176. | 161. |

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES IN THE AREA. PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

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

I. Phillippine Nelis. L. R. C. P. & S.I., D.P.H.

#### (b). SANITARY INSPECTORS (Whole Time).

R. D. Jones, C. R. S. I., M. Inst. Mun. & County Engineers.  
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 the 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). HOSPITALS.

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.

### 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.



Some little difficulty was experienced in the Ffynnongroew District, due mainly to the labour shortage. In february the combined Districts Nos. 10 and 11, was split and some improvement noted.

#### REFUSE TIPS.

On the whole these tips have been well maintained. In some cases there were infested with marauding rats, but have been promptly dealt with by means of 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 the summer months.

#### ERADICATION OF BED BUGS.

One case of infestation was found during the year, and steps taken to eradicate same. No further infestation was observed.

#### SCHOOLS.

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

#### SECTION D.

Inspection of dwelling houses during the year occupied a great deal of the Departments time. Overcrowding has, if anything, declined this year. The carrying out of repairs is still a major problem, due no doubt to the acute shortage of labour.

#### SECTION E.

##### INSPECTION AND SUPERVISION OF FOOD.

##### MILK SUPPLY. COWSHEDS AND DAIRIES.

Cowsheds and dairies have been regularly inspected and where it was found that conditions were not satisfactory, instructions were issued to the occupier, in no uncertain terms. Difficulty has been experienced in enforcing the Milk and Dairies Order, due perhaps to the many calls upon the labour at the farmers disposal.

##### MEAT AND OTHER FOODS.

In the present emergency, 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.

|                                                                  | Cattle<br>excluding<br>cows. | Cows. | Sheep &<br>Lambs. | Pigs. | Calves |
|------------------------------------------------------------------|------------------------------|-------|-------------------|-------|--------|
| Number inspected.                                                | 679.                         | 108.  | 12,925.           | 191.  |        |
| All animals except<br>Tuberculosis whole<br>carcasses condemned. | 10.                          |       | 21.               |       |        |
| Carcasses of which<br>some part or organ<br>was condemned.       | 85.                          |       | 570.              |       |        |
| Tuberculosis only<br>whole carcasses<br>condemned.               | 9.                           | 7.    |                   |       |        |
| Carcasses of which<br>some part or organ<br>was condemned.       | 153.                         |       |                   | 8.    |        |



## SECTION F.

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

| AGE PERIODS.       | 1. | 1.  | 2.  | 3.  | 4.  | 5.  | 10. | 15. | 20. | 35. | 45. | 65. | Total. | Hospital. | Deaths. | Rate. |
|--------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----------|---------|-------|
| <u>DISEASES.</u>   |    |     |     |     |     |     |     |     |     |     |     |     |        |           |         |       |
| Diphtheria.        | 1. | 5.  | 4.  | 6.  | 16. | 18. | 5.  | 7.  |     |     |     |     | 62.    | 51.       | 3.      | 2.61. |
| Scarlet Fever.     | 1. | 1.  | 6.  | 4.  | 15. | 13. | 3.  | 4.  |     |     | 1.  |     | 48.    | 16.       |         | 2.02. |
| Cerebro Spinal.    | 1. | 2.  |     |     | 1.  | 3.  | 1.  | 2.  |     |     | 1.  |     | 11.    | 11.       | 1.      | 0.46. |
| Paratyphoid.       |    |     |     |     | 1.  |     | 1.  | 5.  | 2.  | 2.  |     |     | 11.    | 11.       | 1.      | 0.46. |
| Puerperal Pyrexia. |    |     |     |     |     |     |     | 1.  | 1.  |     |     |     | 2.     | 1.        | 2.      | 5.42. |
| Pneumonia.         | 6. | 3.  | 7.  | 4.  | 1.  | 8.  | 3.  | 1.  | 2.  | 5.  | 7.  | 13. | 60.    |           | 12.     | 2.53. |
| Dysentery.         |    |     |     |     |     |     |     |     | 1.  |     |     |     | 1.     |           |         | 0.04. |
| Measles.           | 1. | 5.  | 19. | 11. | 24. | 49. | 31. | 3.  | 4.  |     |     |     | 147.   | 2.        | 2.      | 6.66. |
| Whooping Cough     | 6. | 12. | 18. | 20. | 17. | 36. | 15. | 1.  | 1.  | 4.  | 3.  | 2.  | 135.   |           | 2.      | 6.12. |
| Erysipelas.        |    |     |     |     |     |     |     |     |     |     | 2.  |     | 2.     |           |         | 0.08. |



# IMMUNISATION OF SCHOOL CHILDREN.

During the year 2008 school children were immunised against Diphtheria, throughout the area, also, 219 children under school age. Evacuees are included in these figures.

Immunisation was carried out in conjunction with the Medical Practitioners in each district.

The children under school age are immunised by the County Authority.

## TUBERCULOSIS.

| Ages.    | NEW CASES.   |     |                  |    | DEATHS.      |    |                  |    |
|----------|--------------|-----|------------------|----|--------------|----|------------------|----|
|          | Respiratory. |     | Non-Respiratory. |    | Respiratory. |    | Non-Respiratory. |    |
|          | M.           | F.  | M.               | F. | M.           | F. | M.               | F. |
| 0.       |              |     |                  |    |              |    |                  |    |
| 1.       |              |     |                  | 4. |              |    |                  |    |
| 5.       |              |     | 4.               | 2. | 1.           |    |                  |    |
| 15.      | 3.           | 2.  | 2.               |    | 1.           |    | 1.               |    |
| 25.      | 3.           | 5.  |                  |    | 1.           | 2. |                  |    |
| 35.      |              | 4.  |                  | 1. | 1.           | 2. |                  |    |
| 45.      | 2.           | 1.  |                  |    |              |    |                  |    |
| 55.      | 1.           |     |                  |    | 1.           |    |                  |    |
| 65.      | 2.           |     |                  |    | 1.           |    |                  |    |
| Upwards. |              |     |                  |    |              |    |                  |    |
|          | 11.          | 12. | 6.               | 7. | 6.           | 4. | 1.               |    |
|          |              |     |                  |    |              |    | Rate.            |    |
|          |              |     |                  |    | New Cases.   |    | 1.57.            |    |
|          |              |     |                  |    | Deaths.      |    | 0.46.            |    |

## OPHTHALMIA NEONATORUM.

| Cases Notified. | Treatment at Home. | In Hospital. | Vision Unimpaired. | Vision Impaired. | Total Blindness |
|-----------------|--------------------|--------------|--------------------|------------------|-----------------|
| 1.              | 1.                 | -            | 1.                 | -                | -               |

## 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.

September. 2nd, 1942.