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Contributors

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HEALTH
A 30 SEP 1943

9.

Rural District of Rugby.

ANNUAL REPORT

OF THE
HEALTH OF THE DISTRICT
FOR THE YEAR 1941,

BY
H. GIBBONS WARD, M.D., D.P.H.,
MEDICAL OFFICER OF HEALTH

OF THE
Warwickshire Combined Districts.

Leamington Spa :

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1943.

1, MILVERTON HILL,
LEAMINGTON SPA,

December, 1942.

To the Rugby Rural District Council.

MR. CHAIRMAN, MRS. FAIRHOLME, AND GENTLEMEN,

Herewith the Report for 1941; it is again regretted that the Report should be so delayed.

As instructed by the Ministry of Health, the Report is again only a short statement of fact with no comment. All the available information is, however, being kept for record and, if required, can be produced.

With many thanks for much kindness on the part of the Council and my colleagues,

I am, Madam and Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,
Medical Officer of Health.

Rugby Rural District.

A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

| | |
|---|--------|
| Population (estimated) Mid-year, 1941 | 00,000 |
| Birth Rate | 16.5 |
| Still Births—Rate per 1,000 total births | 34 |
| Death Rate | 12.0 |
| Deaths from Diseases and Accidents of Pregnancy and Child-birth | — |
| (From Sepsis and other causes) | 12 |
| Death Rate of Infan's under 1 year of age :— | |
| All Infants per 1,000 live births | 48 |
| Legitimate Infants per 1,000 legitimate live births | 30 |
| Illegitimate Infants per 1,000 illegitimate live births | 67 |
| Deaths from Measles (all ages) | 3 |
| „ „ Whooping Cough (all ages) | 2 |
| „ „ Diarrhoea (under 2 years of age) | 1 |

B. GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT.

Laboratory Facilities.—Bacteriological examinations by Birmingham University :—

| | Positive. | Negative. | Total. |
|---------------|-----------|-----------|--------|
| *Diphtheria | 66 | 166 | 232 |
| Enteric Fever | — | — | — |
| Tuberculosis | — | 9 | 9 |
| | | | 241 |

* These numbers include swabs from the Joint Isolation Hospital at Harborough Magna.

C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1. (i) WATER SUPPLY.—Both the Northern and the Southern schemes were completed towards the end of the year. Connections to private houses continue to be made.

38 samples of water were examined, 26 chemically and 12 bacteriologically. 15% were safe, 2% reasonably safe, 15% suspicious, and 68% unsafe.

(ii) DRAINAGE AND SEWERAGE.—There has been no change. Contemplated schemes are held up.

2. (i) RIVERS AND STREAMS.—No complaints were received during the year.

3. (i) CLOSET ACCOMMODATION.—Whenever and wherever possible conversions to the water carriage system are effected. During 1941 16 privy-middens, and 4 pail closets were abolished, and more sanitary conditions provided.

(ii) PUBLIC CLEANSING.—4 vehicles of modern type are now in use and 25 parishes are scavenged by direct labour. The labour difficulties have been great, and it has been necessary, if a regular collection is to be assured, to let out two parishes to contract.

(v) CAMPING SITES.—There are only two camping sites in the District; these are reasonably well maintained.

D. HOUSING.

Full particulars of the usual table have been compiled and are being kept for Record purposes.

1. *General Observations.*—No houses either singly or collectively were represented during the year. Defective houses, however, continue to receive attention, and whenever possible repairs are carried out, although it should be remembered that even this has its difficulties owing to scarcity of men and materials.

It is not considered practicable to take any action regarding overcrowding for obvious reasons.

E. INSPECTION AND SUPERVISION OF FOOD.

(a) *Milk Supply.*—Inspections have continued and improvements have been obtained. Seven cowsheds have been modernised during the year.

For chemical analysis 7 samples were submitted and 5 were genuine. One sample was lost in transit, and the other was adulterated ; investigation of the latter case showed that there was no attempted fraud.

Five samples submitted for the phosphatase test were satisfactory. 28 samples were submitted for bacteriological examination. All were delayed in transit, and not fit for examination.

(b) *Meat Inspection.*—Your two Sanitary Inspectors maintain close supervision of slaughterhouses, meat shops and vans.

Bakehouses.—These were, as in the past, generally maintained in a satisfactory condition.

VI. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

Incidence of Commoner Infectious Diseases since 1933.

| | Smallpox | Diphtheria. | Scarlet Fever. | Enteric Fever. | Pneumonia. | Encephalitis Lethargica. | Puerperal Pyrexia. |
|----------|----------|-------------|----------------|----------------|------------|--------------------------|--------------------|
| 1934 ... | — | 34 | 141 | — | 37 | — | — |
| 1935 ... | — | 16 | 71 | — | 11 | — | 3 |
| 1936 ... | — | 27 | 74 | 1 | 29 | — | 1 |
| 1937 ... | — | 23 | 62 | — | 40 | — | 8 |
| 1938 ... | — | 8 | 27 | — | 35 | — | 2 |
| 1939 ... | — | 14 | 43 | — | 23 | — | 3 |
| 1940 ... | — | 21 | 44 | 1 | 24 | — | 2 |
| 1941 ... | — | 7 | 30 | 2 | 25 | — | 2 |

Reference to Table III. will give the age distribution of the cases notified during 1941.

Diphtheria Immunisation.—The campaign for the immunisation of school children commenced during 1941, and up to December 31st 1,222 children had been treated in the schools and 129 either privately or at Infant Welfare Centres, making a total of 1,351.

School Closures.

Leamington Hastings. 3rd to 24th Feb. Measles.
 Withybrook. 26th Feb. to 10th Mar. Scarlet Fever.
 Fiecknoe. 16th June to 7th July. Chicken-pox.
 Marton. 2nd to 14th July. Chicken-pox.
 Marton. 14th July to Summer Holidays. Measles.

PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

| AGE—PERIODS | NEW CASES. | | | | DEATHS. | | | |
|----------------|------------|----|----------------|----|------------|----|----------------|----|
| | Pulmonary. | | Non-Pulmonary. | | Pulmonary. | | Non-Pulmonary. | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| 0 | — | — | — | — | — | — | — | — |
| 1 | — | — | 1 | 1 | — | — | — | — |
| 5 | — | 1 | 2 | 3 | — | — | — | — |
| 15 | 4 | 2 | 1 | — | 2 | — | — | — |
| 25 | 6 | 7 | — | — | — | 1 | — | — |
| 35 | 3 | — | — | — | 2 | 1 | — | — |
| 45 | 5 | 1 | — | — | 1 | — | — | — |
| 55 | 2 | — | 1 | — | — | — | — | — |
| 65 and upwards | — | — | — | — | — | — | — | — |
| TOTALS | 20 | 11 | 5 | 4 | 5 | 2 | — | — |

Treatment.—22 cases were admitted to Sanatorium during the year, and 12 were discharged.

REPORT OF SANITARY INSPECTOR.

A copy of this Report has been received and kept for reference.

The summary of work done will be found in Table I.

TABLE I.

RUGBY RURAL DISTRICT.

SUMMARY OF SANITARY WORK DONE IN THE SANITARY INSPECTOR'S
DEPARTMENT DURING THE YEAR 1941.

| | Inspections and Observations made. | Notices served. | | Nuisances Abated after Notices. |
|-------------------------------------|---|-----------------|----------------|--|
| | | Statu- tory. | In- formal. | |
| Dwelling Houses and Schools ... | 716 | 7 | 51 | 78 |
| Roadside Cafes and Restaurants | 43 | — | 2 | 2 |
| Dairies and Cowsheds ... | 575 | — | 6 | 405 |
| Bakehouses ... | 86 | — | 7 | 7 |
| Slaughter Houses, Meat Shops & Vans | 287 | — | 4 | 3 |
| Canal Boats ... | 18 | — | 2 | 2 |
| Ashpits and Privies ... | 20 | — | 5 | 7 |
| Deposits of Refuse and Manure ... | 5 | — | 1 | 5 |
| Water-closets ... | 4 | — | 4 | 6 |
| House Drainage ... | 231 | 3 | 29 | 42 |
| Water Supply ... | 328 | 80 | 21 | 24 |
| Pigsties and Stables ... | 5 | — | 1 | 1 |
| Offensive Trades ... | 25 | 1 | — | 1 |
| Smoke Observations ... | 1 | — | 2 | 1 |
| Moveable Dwellings ... | 60 | — | 3 | 3 |
| Verminous Houses ... | 56 | — | — | 1 |
| Pails provided ... | 16 | — | 12 | 16 |
| Ashes accommodation ... | 55 | 1 | 39 | 13 |
| Shops ... | 306 | — | — | — |
| Interviews and Special Visits ... | 840 | — | 2 | 3 |
| Visits in connection with Sampling | 82 | — | — | — |
| Public Conveniences ... | 11 | — | 2 | 2 |
| Rats and Mice ... | 20 | — | 4 | 4 |
| Visits to Refuse Tips ... | 5 | — | — | — |
| Complaints ... | 90 | — | 62 | 46 |
| Watercourses ... | 33 | — | 3 | 3 |
| TOTALS ... | 3948 | 92 | 262 | 675 |

| | | |
|---|---------|--------|
| Seizures and Surrenders of Unwholesome Food ... | 22 cwt. | 95lbs. |
| Samples of Food taken for Analysis ... | ... | 9lbs. |
| Ditto of Food found adulterated ... | ... | 1lb. |

| | | | |
|---|-----|-----|----|
| Ditto of Water taken for Analysis ... | ... | No. | 38 |
| Ditto of Water condemned as unfit for use ... | ... | ... | 31 |

PRECAUTIONS AGAINST INFECTIOUS DISEASE.

| | | |
|---|-----|----|
| Lots of Infected Bedding Disinfected or Destroyed ... | ... | 67 |
| Houses Disinfected after Infectious Disease ... | ... | 89 |

LESLIE R. NUTTING, Chief Sanitary Inspector.

TABLE II.
RUGBY RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1941 AND PREVIOUS YEARS.

| YEAR. | Population estimated to Middle of each Year. | BIRTHS. | | NETT DEATHS BELONGING TO THE DISTRICT. | | | |
|-------|--|---------|-------|--|-----------------------------|--------------|-------|
| | | Nett. | | Under 1 Year of age. | | At all Ages. | |
| | | Number. | Rate. | Number. | Rate per 1,000 Nett Births. | Number. | Rate. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1935 | 18,173 | 272 | 15.0 | 15 | 55 | 174 | 9.6 |
| 1936 | 18,200 | 322 | 17.7 | 17 | 53 | 203 | 11.1 |
| 1937 | 18,310 | 294 | 16.0 | 12 | 41 | 219 | 12.0 |
| 1938 | 15,570 | 282 | 17.3 | 24 | 85 | 194 | 12.0 |
| 1939 | — | — | 15.1 | — | 39 | — | 11.6 |
| 1940 | — | — | 12.6 | — | 56 | — | 11.9 |
| 1941 | — | — | 16.5 | — | 48 | — | 12.0 |

TABLE III.—RUGBY RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE
YEAR 1941.

| NOTIFIABLE DISEASE. | Number of Cases notified. | | | | | | | Total cases removed to Hospital | Total Deaths. | |
|--|---------------------------|----------------|---------|----------|-----------|-----------|-----------|------------------------------------|---------------|--------------------|
| | At all Ages. | At Ages—Years. | | | | | | | | |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | | | 65 and upwards. |
| Small-pox | | | | | | | | | | |
| Plague | | | | | | | | | | |
| Diphtheria (including Mem- branous Croup) | 7 | 1 | 2 | 2 | 1 | 1 | | 7 | | |
| Erysipelas | 2 | | | | 2 | | | | | |
| Scarlet Fever | 30 | 5 | 15 | 6 | 3 | 1 | | 24 | | |
| Typhus Fever | | | | | | | | | | |
| Enteric Fever | 2 | | 1 | | 1 | | | | | |
| Pneumonia | 25 | 4 | 3 | 1 | 9 | 4 | 4 | | 7 | |
| Malaria | 1 | | | 1 | | | | | | |
| Dysentery | | | | | | | | | | |
| Puerperal Pyrexia | 2 | | | | 2 | | | | | |
| Cerebro-spinal Meningitis | 4 | | 2 | | 2 | | | | 2 | |
| Poliomyelitis | | | | | | | | | | |
| Encephalitis Lethargica | | | | | | | | | | |
| Ophthalmia Neonatorum | | | | | | | | | | |
| Polio-Encephalitis | | | | | | | | | | |
| Pulmonary Tuberculosis | 31 | | 1 | 6 | 16 | 8 | | | 8 | |
| Other forms of Tuberculosis | 9 | 2 | 5 | 1 | | 1 | | | | |
| Totals | 113 | 4 | 11 | 26 | 17 | 36 | 15 | 4 | 31 | 17 |

TABLE IV.
RUGBY RURAL DISTRICT.

CAUSES OF DEATH DURING THE YEAR 1941.

| CAUSES OF DEATH. | MALES. | FEMALES. |
|--|--------|----------|
| All Causes | 109 | 105 |
| 1 Typhoid and Paratyphoid Fevers ... | — | — |
| 2 Cerebro Spinal Fever | 2 | — |
| 3 Scarlet Fever | — | — |
| 4 Whooping Cough | — | 2 |
| 5 Diphtheria | — | — |
| 6 Tuberculosis of Respiratory System ... | 4 | 4 |
| 7 Other Forms of Tuberculosis | — | — |
| 8 Syphilitic Diseases | 1 | — |
| 9 Influenza | 1 | 3 |
| 10 Measles | 2 | 1 |
| 11 Ac. Polio-Myel and Polio-Enceph. ... | — | — |
| 12 Ac. Infant Enceph. | — | 1 |
| 13 Cancer of B. Cav. and Oesoph (M.) Uterus (F.) | — | 2 |
| 14 Cancer of Stomach and Duod. | 4 | 4 |
| 15 Cancer of Breast | — | 3 |
| 16 Cancer, other Sites | 3 | 10 |
| 17 Diabetes | 1 | 1 |
| 18 Intra Cran. Vasc. Lesions... .. | 11 | 11 |
| 19 Heart Disease | 30 | 23 |
| 20 Other Dis. C/rc. Sys. | 2 | 2 |
| 21 Bronchitis | 8 | 7 |
| 22 Pneumonia | 5 | 2 |
| 23 Other Resp. Diseases | 3 | 1 |
| 24 Ulcer of Stomach and Duod. | — | — |
| 25 Diarrhoea (under 2 years)... .. | 1 | — |
| 26 Appendicitis | — | 1 |
| 27 Other Digestive Diseases | 1 | 4 |
| 28 Nephritis | 4 | 2 |
| 29 Puer. and Post Abort Sepsis | — | — |
| 30 Other Maternal Causes | — | 2 |
| 31 Premature Birth | 3 | 1 |
| 32 Con. Mal., Birth Inj., etc.... .. | 4 | 3 |
| 33 Suicide | — | — |
| 34 Road Traffic Accidents | 10 | — |
| 35 Other Violent Causes | 5 | 3 |
| 36 All Other Causes | 4 | 12 |