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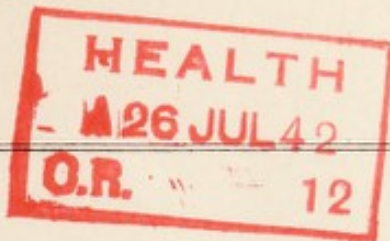
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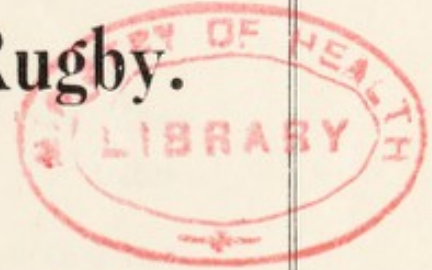


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# Rural District of Rugby.



## ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1940,

BY

H. GIBBONS WARD, M.D., D.P.H.,

MEDICAL OFFICER OF HEALTH

OF THE

### Warwickshire Combined Districts.

Leamington Spa :

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1941.

1, MILVERTON HILL,  
LEAMINGTON SPA,  
December, 1941.

**To the Rugby Rural District Council.**

MR. CHAIRMAN, Mrs. FAIRHOLME, AND GENTLEMEN,

Herewith the Report for 1940 ; it is regretted that it has been delayed for various causes.

Again, as instructed by the Ministry of Health, the Report is 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, 1940	...	...	16,520		
	Total.	M.	F.		
Live Births	Legitimate	198	104	94	} Birth Rate 12.6
	Illegitimate	11	5	6	
Still Births—Rate per 1,000 total births	...	...	...	51	
Deaths	...	197	101	96	Death Rate 11.9
Adjusting Factor for Death Rate	...	...	...	1.05	
Adjusted Death Rate	...	...	...	12.5	
Deaths from Diseases and Accidents of Pregnancy and Child-birth	From Sepsis	...	...	...	—
	,, other causes	...	...	...	3
Death Rate of Infants under 1 year of age :—					
All Infants per 1,000 live births	...	...	...	...	56
Legitimate Infants per 1,000 legitimate live births	...	...	...	...	54
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	...	91
Deaths from Measles (all ages)	...	...	...	...	—
.. .. Whooping Cough (all ages)	...	...	...	...	—
.. .. Diarrhoea (under 2 years of age)	...	...	...	...	1

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

*Public Health Officers.*—Particulars as in Report for 1939.

*Laboratory Facilities.*—Bacteriological examinations by the Birmingham University :—

		Positive.	Negative.	Total.	
*Diphtheria	...	40	...	124	...
Enteric Fever	...	—	...	4	...
Tuberculosis	...	—	...	12	...
				180	

\* 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 made somewhat slow progress during the year. Many owners of property have availed themselves of the financial assistance of the Council in connecting to the mains.

41 samples of water were examined, 23 chemically and 18 bacteriologically. 9% were safe, 17% reasonably safe, 35% suspicious and 39% unsafe.

(ii) DRAINAGE AND SEWERAGE.—There has been no change.

2. (i) RIVERS AND STREAMS.—One complaint was investigated and suggestions were made which have obviated further nuisance.

3. (i) CLOSET ACCOMMODATION.—Whenever and wherever possible conversions to the water carriage system are effected. During 1940 11 privy-middens, and 4 pail closets were abolished, and more sanitary conditions provided.

(ii) PUBLIC CLEANSING.—Direct labour has been extended; there are now 3 vehicles of the most modern type. 25 more parishes are now dealt with by direct labour.

(v) CAMPING SITES.—There are 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.

#### 4. NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY.

The Local Authority have erected 403 houses; of that number 52 were built under the 1919 Act, 140 under the 1924 Act, and 180 under the 1936 Act. In addition 31 non-subsidy houses have been built.

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. After the air attacks on nearby towns many of our villages were inundated with lodgers and evacuees.

## E. INSPECTION AND SUPERVISION OF FOOD.

(a) *Milk Supply*.—Inspections have continued and improvements have been obtained. One new cowshed was erected during the year.

For chemical analysis 15 samples were submitted and all were genuine. A further 5 were lost in transit. Five samples submitted for the phosphatase test were satisfactory. 84 samples were submitted for bacteriological examination and only 16 were considered as satisfactory. But it should be stated here that many were delayed in transit and some lost.

(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 1932.*

	Smallpox.	Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Encephalitis Lethargica.	Puerperal Pyrexia.
1933 ...	—	37	55	—	27	—	—
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

Reference to Table III. will give the age distribution of the cases notified during 1940.

### *School Closures.*

Brinklow. 24th Jan. to 5th Feb. Measles and Influenza.

Harborough Magna. 26th Feb. to 11th March. Measles and Influenza.

## 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	—	—	—	—
5 ... ..	—	—	1	—	—	—	—	—
15 ... ..	—	—	1	1	1	1	—	—
25 ... ..	1	—	—	—	3	—	—	—
35 ... ..	—	—	—	—	1	—	—	—
45 ... ..	—	—	—	—	1	—	—	—
55 ... ..	—	—	—	—	—	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
TOTALS ...	1	—	2	2	6	1	—	—

*Treatment.*—4 cases were admitted to Sanatorium during the year, and 4 were discharged.

## REPORT OF SANITARY INSPECTOR.

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

TABLE I.

## RUGBY RURAL DISTRICT.

SUMMARY OF SANITARY WORK DONE IN THE SANITARY INSPECTOR'S DEPARTMENT DURING THE YEAR 1940.

	Inspections and Observations made.	Notices served.		Nuisances Abated after Notices.
		Statutory.	Informal.	
Dwelling Houses and Schools ...	653	2	22	211
Roadside Cafes and Restaurants	50	1	3	3
Dairies and Cowsheds ... ..	785	—	11	299
Bakehouses ... ..	59	—	14	13
Slaughter Houses, Meat Shops & Vans	641	4	7	10
Canal Boats ... ..	31	—	3	3
Ashpits and Privies ... ..	66	9	35	33
Deposits of Refuse and Manure ...	24	—	10	10
Water-closets ... ..	12	2	5	5
House Drainage ... ..	445	—	36	26
Water Supply ... ..	144	2	15	9
Pigsties and Stables ... ..	46	—	—	—
Offensive Trades ... ..	31	—	1	1
Smoke Observations ... ..	13	—	—	—
Tents, Vans and Sheds ... ..	92	5	5	5
Verminous Houses ... ..	142	1	13	14
Pails provided ... ..	11	1	10	4
Ashes accommodation ... ..	9	7	35	32
Shops ... ..	646	—	—	—
Interviews and Special Visits ...	833	—	—	—
Visits in connection with Sampling	227	—	—	—
Public Conveniences ... ..	5	—	—	—
Rats and Mice ... ..	72	—	—	—
Visits to Refuse Tips ... ..	56	—	—	—
Complaints ... ..	89	19	49	67
Watercourses ... ..	43	—	6	5
<b>TOTALS</b> ... ..	<b>5275</b>	<b>53</b>	<b>280</b>	<b>750</b>

	No.
Seizures and Surrenders of Unwholesome Food ... 9cwts.	73lbs.
Samples of Food taken for Analysis ... ..	20
Ditto of Food found adulterated ... ..	—
Ditto of Water taken for Analysis ... ..	41
Ditto of Water condemned as unfit for use ... ..	20

## PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of Infected Bedding Disinfected or Destroyed ... ..	61
Houses Disinfected after Infectious Disease ... ..	61

LESLIE. R. NUTTING, Chief Sanitary Inspector.



TABLE II.  
RUGBY RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1940 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
1934	18,210	321	17.6	19	59	197	10.8
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	15,870	232	15.1	9	39	184	11.6
1940	16,520	209	12.6	12	56	197	11.9

TABLE III.—RUGBY RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE  
YEAR 1940.

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)	21	1	1	15	3			1	19	
Erysipelas ... ..	6					2	2	2		
Scarlet Fever ... ..	44		10	24	3	7			33	
Typhus Fever ... ..										
Enteric Fever ... ..	1			1						
Pneumonia ... ..	24		3	2	3	4	7	5	10	
Malaria ... ..										
Dysentery ... ..										
Puerperal Pyrexia ... ..	2					2				
Cerebro-spinal Meningitis	1			1						
Poliomyelitis ... ..										
Encephalitis Lethargica										
Ophthalmia Neonatorum	1	1								
Polio-Encephalitis ... ..										
Pulmonary Tuberculosis	1					1			9	
Other forms of Tuberculosis	4		1	3						
Totals ... ..	105	2	15	46	9	16	9	8	52	19

TABLE IV.  
RUGBY RURAL DISTRICT.

CAUSES OF DEATH DURING THE YEAR 1940.

CAUSES OF DEATH.	MALES.	FEMALES.
All Causes ... ..	101	96
1 Typhoid and Paratyphoid Fevers ... ..		
2 Cerebro Spinal Fever ... ..		
3 Scarlet Fever ... ..		
4 Whooping Cough ... ..		
5 Diphtheria ... ..		
6 Tuberculosis of Respiratory System ... ..	7	2
7 Other Forms of Tuberculosis ... ..		
8 Syphilitic Diseases ... ..		
9 Influenza ... ..	1	2
10 Measles ... ..		
11 Ac. Polio-Myel and Polio-Enceph. ... ..		
12 Ac. Infant Enceph. ... ..		
13 Cancer of B. Cav. and Oesoph (M.) Uterus (F.) ... ..	2	1
14 Cancer of Stomach and Duod. ... ..	1	2
15 Cancer of Breast ... ..		2
16 Cancer, other Sites ... ..	6	7
17 Diabetes ... ..	1	2
18 Intra Cran. Vase. Lesions... ..	7	11
19 Heart Disease ... ..	26	27
20 Other Dis. Circ. Sys. ... ..	4	3
21 Bronchitis ... ..	6	5
22 Pneumonia ... ..	6	4
23 Other Resp. Diseases ... ..	2	3
24 Ulcer of Stomach and Duod. ... ..	1	
25 Diarrhoea (under 2 years)... ..	1	
26 Appendicitis ... ..		2
27 Other Digestive Diseases ... ..		3
28 Nephritis ... ..	2	3
29 Puer. and Post Abort Sepsis ... ..		
30 Other Maternal Causes ... ..		3
31 Premature Birth ... ..	2	1
32 Con. Mal., Birth Inj., etc.... ..		1
33 Suicide ... ..		
34 Road Traffic Accidents ... ..	7	2
35 Other Violent Causes ... ..	8	2
36 All Other Causes ... ..	11	8