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Borough of Warwick

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# 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

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WARWICK :

THE CASTLE PRESS, PRINTERS, CHAPEL ROW.

1941.

1, MILVERTON HILL,

LEAMINGTON SPA,

December, 1941.

**To the Council of the Borough of Warwick.**

MR. CHAIRMAN, LADIES 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, Ladies and Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,

Medical Officer of Health.



# BOROUGH OF WARWICK.

## A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1940	...	13,870
	Total. M. F.	
Live Births { Legitimate	209 104 105 }	Birth Rate 15.8
{ Illegitimate	10 8 2 }	
Still Births—Rate per 1,000 total births	...	31
Deaths ...	191 96 101	Death Rate 14.2
Comparability Factor	...	0.99
Adjusted Death Rate	...	14.1
Deaths from Diseases and Accidents of Pregnancy and Child-Birth.	From Sepsis ... ,, other causes ...	— —
Death Rate of Infants under 1 year of age :—		
All Infants per 1,000 live births	...	48
Legitimate Infants per 1,000 legitimate live births	...	50
Illegitimate Infants per 1,000 illegitimate live births	...	—
Death from Measles (all ages)	...	—
„ „ Whooping Cough (all ages)	...	—
„ „ Diarrhoea (under 2 years of age)	...	—

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

*Public Health Officers.*—The complete list was given in the Report for 1938.

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

	Positive.	Negative.	Total.
*Diphtheria	27	134	161
*Enteric Fever	1	4	5
Tuberculosis	4	27	31
			197

\* This includes specimens sent from Heathcote Isolation Hospital



## C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1. (i) *Water Supply*.—There is again no change to report. Samples of water from the public supply submitted for analysis gave entirely satisfactory results.

The daily consumption of water including that for trade purposes was 38.07 gallons per head of population.

(ii) *Drainage and Sewage Treatment*.—No change to report.

2. (i) *Rivers and Streams*.—Flooding of Pigwell Common caused flooding of nearby cottages. Steps are being taken to prevent a recurrence.

3. (i) *Closet Accommodation*.—Considerable attention was paid to sanitary accommodation at factories and public houses during the year and numerous improvements and additions were effected. Altogether 32 new water closets and six new urinals were erected. Others were in the course of erection at the end of the year.

(ii) *Public Cleansing*.—The removal of house refuse continued to be carried out at weekly intervals; 2,137 loads were removed during the year.

(iii) *Sanitary Inspection of the Area*.—Table I. gives a summary of the work of the Sanitary Inspector.

(v) *Smoke Abatement*.—The Public Health smoke abatement provisions having been suspended, no inspections were made.

## D. HOUSING.

*General*.—No further houses were erected by the Council and only one was erected by private enterprise.

With the increased difficulties associated with undertaking comprehensive repairs to houses, the number of houses in the process of being reconditioned fell month by month until at the end of the year there were few properties at which substantial repairs were in progress. Notices issued during the year were confined to matters calling for urgent attention.



*Overcrowding.*—A great deal of temporary billeting took place towards the end of the year but the extent of possible overcrowding could not be ascertained.

## E. INSPECTION AND SUPERVISION OF FOOD.

(a) *Milk Supply.*—During the year 20 samples of milk were submitted for analysis, 15 samples were taken for biological test and 24 for bacteriological examination.

Of the 20 samples submitted for analysis, 16 were "informal" samples and four were "formal." Fifteen proved to be genuine, four were deficient in fat and one was shown to contain added water. Suitable action was taken in cases where the milk was not genuine.

Thirteen of the samples taken for biological test gave negative results to tests for tubercle bacilli and two gave positive results. The offending animals were found in local herds and were removed, subsequent samples proving satisfactory.

Twenty-three of the samples for bacteriological examination were of Pasteurised milk and one was of Tuberculin Tested milk. Of these the Tuberculin Tested milk proved satisfactory, but 13 of the samples of Pasteurised milk did not comply with the specified standard. These unsatisfactory samples were all from two large suppliers and continued efforts were made to secure an improvement in the quality of the milk being retailed by them.

Regular inspection of cowshed and dairy premises was continued during the year.

(b) *Other Foods Sampled.*—Twenty samples of foods other than milk were submitted for analysis. Seventeen of them were genuine, one sample of self-raising flour was proved to have no self-raising properties and two samples of sausage contained undeclared preservatives.

(c) *Meat.*—There is no slaughterhouse in the Borough used for the War-time centralised slaughtering scheme. Seventy-one notices of occasional slaughter were received. Two pigs' carcasses and organs, the carcass and organs of a beast, and the carcass and organs of a calf were condemned.

(d) *Bakehouse.*—The use of one bakehouse was discontinued during the year.



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

### *Incidence of Commoner Infectious Diseases since 1931.*

		Smallpox.	Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Encephalitis Lethargica.	Puerperal Pyrexia.
1932	.....	—	16	19	3	18	—	—
1933	.....	—	29	93	2	45	—	—
1934	.....	—	31	19	—	19	—	—
1935	.....	—	25	12	—	31	—	1
1936	.....	—	36	3	1	32	—	—
1937	.....	—	32	44	1	46	—	4
1938	.....	—	38	53	—	36	—	4
1939	.....	—	6	38	2	17	—	1
1940	.....	—	14	25	1	39	—	4

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

### *School Closures.*

Warwick Borough Infants.	Measles. 16th to 29th January.
Warwick Westgate Infants.	Mumps. 25th Jan. to 19th Feb.
Warwick Westgate Infants.	Measles. 23rd April to 6th May.
Warwick R.C. ....	Measles. 9th to 26th February.

### PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

AGE—PERIODS	NEW CASES.						DEATHS.			
	Pulmonary.		Non.		Pulmonary.		Pulmonary.		Non-	
	M.	F.	M.	F.	M.	F.	M.	F.	F.	F.
0 ... ..	—	—	...	—	...	—	...	—	...	—
1 ... ..	1	2	...	—	...	—	...	1	...	1
5 ... ..	1	2	...	1	...	—	...	—	...	—
15 ... ..	3	1	...	1	...	—	...	—	...	1
25 ... ..	4	1	...	1	...	1	...	—	...	—
35 ... ..	5	1	...	—	...	—	...	1	...	—
45 ... ..	1	—	...	—	...	1	...	—	...	—
55 ... ..	2	—	...	—	...	1	...	1	...	—
65 and upwards	—	—	...	—	...	—	...	—	...	—
TOTALS	17	7	...	2	...	3	...	3	...	1

During the year 27 new cases of Tuberculosis were notified, 24 being cases of Pulmonary Tuberculosis, and 3 of other Tuberculous disease.

14 cases of Tuberculosis were admitted for treatment at a Sanatorium, and 7 were discharged during the year.

### REPORT OF SANITARY INSPECTOR.

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

TABLE I.

#### BOROUGH OF WARWICK.

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

		<i>Inspections and Observations made.</i>	<i>Notices Served. Statu- tory.</i>	<i>In- formal.</i>	<i>Nuisances Abated after Notices.</i>
Dwelling Houses and Schools	...	120	7	11	10
Lodging Houses	... ..	8	—	—	—
Factories	... ..	26	—	3	3
Licensed Premises	... ..	16	—	—	—
Canal Boats	... ..	29	—	4	4
Water Closets	... ..	76	9	10	10
Drainage	... ..	40	2	8	8
Water Supply	... ..	24	6	—	6
Ashpits and Privies	... ..	33	11	12	11
Deposits of Refuse	... ..	4	—	4	4
Pigsties	... ..	6	—	—	—
Dairies and Milk Shops	... ..	44	—	—	—
Cowsheds	... ..	54	—	—	—
Bakehouses...	... ..	16	—	—	—
Slaughterhouses	... ..	72	—	—	—
Miscellaneous Nuisances	... ..	20	—	10	10
		<hr/> 588	<hr/> 35	<hr/> 62	<hr/> 66

	No.
Seizures and Surrenders of Unwholesome Food	...
Samples of Food taken for Analysis or Tests	...
Samples of Food found adulterated	...
Samples of Water taken for Analysis	...
Lots of Infected Bedding Disinfected or Destroyed	...
Houses disinfected after Infectious Disease	...
	4
	79
	8
	1
	16
	34

F. J. ALLEN, Sanitary Inspector.



TABLE II.

## BOROUGH OF WARWICK.

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	13,550	189	14.0	6	32	144	10.6
1935	13,530	177	13.0	12	68	153	11.3
1936	13,800	217	15.7	13	60	156	11.3
1937	13,970	228	16.3	15	66	185	13.2
1938	14,020	234	16.6	12	52	184	13.1
1939	14,200	239	16.9	7	26	145	10.3
1940	13,870	219	15.8	11	48	197	14.2

TABLE III.—BOROUGH OF WARWICK.  
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) ... ..	14	.....	3	9	1	1	.....	.....	13	.....
Erysipelas ... ..	7	.....	1	.....	.....	2	1	3	.....	.....
Scarlet Fever ... ..	25	.....	6	14	4	1	.....	.....	17	.....
Typhus Fever ... ..										
Enteric Fever ... ..	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Pneumonia ... ..	39	1	7	6	3	7	9	6	.....	12
Malaria ... ..										
Dysentery ... ..										
Puerperal Pyrexia ... ..	4	.....	.....	.....	1	3	.....	.....	.....	.....
Cerebro-spinal Meningitis ... ..	2	.....	.....	.....	1	1	.....	.....	.....	1
Poliomyelitis ... ..	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Encephalitis Lethargica ... ..										
Ophthalmia Neonatorum ... ..										
Polio-Encephalitis ... ..										
Pulmonary Tuberculosis ... ..	24	.....	3	3	4	11	3	.....	.....	8
Other forms of Tuberculosis ... ..	3	.....	.....	2	1	.....	.....	.....	.....	1
Totals ... ..	120	1	20	34	15	28	13	9	30	22

Isolation Hospitals: Heathcote Joint Isolation Hospital (Warwick M.B).  
Joint Small-pox Hospital (Fosse, in Southam R.D.)



TABLE IV.  
BOROUGH OF WARWICK.

CAUSES OF DEATH DURING THE YEAR 1940.

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