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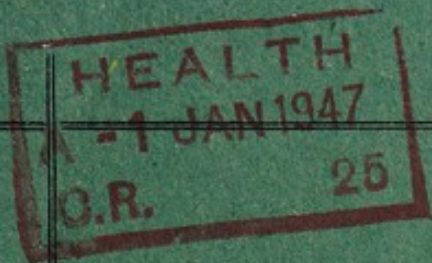
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# Urban District of Kenilworth.

## ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1945,

BY

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

MEDICAL OFFICER OF HEALTH

OF THE

## Warwickshire Combined Districts.

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**To the Kenilworth Urban District Council.**

MR. CHAIRMAN AND GENTLEMEN,

Herewith the Report for 1945, this is the 27th Annual Report I have presented to you.

As instructed by the Ministry of Health, the Report is only a short statement of fact. The restrictions with respect to paper and printing still remain, and it will not be possible this time to give all the details of activities during the past year.

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

I am, Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,  
Medical Officer of Health.

## *Kenilworth Urban District.*

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

Population (estimated) Mid-year, 1945	...	...	9,470
Birth Rate	...	...	18.7
Still Births—Rate per 1,000 total births	...	...	22
Death Rate	...	...	9.9
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	...	...	28
Legitimate Infants per 1,000 legitimate live births			30
Illegitimate Infants per 1,000 illegitimate live births	...	...	—
Deaths from Measles (all ages)	...	...	—
,, Whooping Cough (all ages)	...	...	—
,, Diarrhoea (under 2 years of age)	...	...	—

The Birth-rate was lower than in 1944, but higher than for the previous ten years.

The Death-rate was lower than in 1944, but much about the average for the past 5 years.

The Infant Mortality rate was much lower than in 1944.

Statistics for England and Wales are shown at the foot of Table II.

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

1. *Public Health Officers.*—Remained the same as in 1944.

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

	Positive.	Negative.	Total.
Diphtheria	...	19	19
Enteric Fever	—	—	—
Tuberculosis...	...	7	7
			26

## C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1. (i) *Water Supply*.—The town is supplied with water pumped entirely by electrically operated plant, and the water is treated by a chlorinator supplied by Messrs. Turn-Over Filter Co., Ltd., of Belfast. There are 3 boreholes, but only two are in operation. The Council have on order an electrically operated pump which is to be installed in the third borehole. The pumps have worked satisfactorily during the year.

The number of new services laid was 7 ; four have been renewed and fourteen repaired.

A 4in. watermain extension, 270 yards in length, was made to the new temporary housing site in Stoneleigh Road, and a 3in. extension of 450 yards was laid in Coventry Road.

93,919,987 gallons of water were recorded as pumped, giving an average of 257,315 gallons per day, as against 258,400 gallons per day in 1944.

The supply generally has been satisfactory, both in quality and in quantity. Six specimens of raw water were taken for bacteriological examination, and the results showed that the water still maintains its high standard of purity.

No special action was taken for treatment of contaminated water.

The majority of houses in the district are fitted with bib taps inside the house, and it is estimated that of the houses, some 6½ per cent. are supplied by means of stand-pipes, and of the population, about 10 per cent. are so supplied.

Water mains serve all but the very isolated parts of the district.

(ii) *Drainage and Sewerage*.—No extensions have been made to the sewerage system.

A damaged sprinkler arm was replaced by a new one to the one bed, and apart from this the Sewage Disposal Works generally have worked satisfactorily, although modifications will soon be required, in view of the large flow that is having to be dealt with, so as to enable the works to produce a continuously satisfactory effluent.

Tan waste was received at the Disposal Works on one occasion during the year, and this was satisfactorily disposed of.

During the year one sewer connection was made, and 24 sewer stoppages were removed.

2. *Rivers and Streams*.—The brook in the park and in Henry Street was cleaned out.

3.—*Public Cleansing*.—House refuse collection is still carried out on a fortnightly basis. All property is provided with moveable, covered, metal dustbins, and a fortnightly system is also in operation for the collection of paper, bones and rags. The following materials were sold during the year :—

36 tons 0 cwt.—Paper.  
 16 $\frac{3}{4}$  cwts.—Bones.  
 1 ton 6 $\frac{3}{4}$  cwts.—Rags.  
 2 tons 19 cwts.—“Cullet.”

#### D. HOUSING.

The usual Table has been completed and is being kept for reference.

#### E. INSPECTION AND SUPERVISION OF FOOD.

(a) *Milk Supply*.—The number of registrations under the Dairies, Cowsheds and Milkshops Order is 28; of these 10 were retailers only, 5 producer-retailers, and 13 were producers only. Premises have been visited at intervals, and 2 informal notices requiring cleansing and minor alterations have been served and complied with.

Three persons are licensed for the sale of Pasteurised Milk, and one for the sale of Tuberculin Tested Milk.

(b) *Meat*.—Visits have been made by the Inspector as required.

(c) *Other Trades*.—Bakehouses have been inspected. One notice was found to be necessary.

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

*Incidence of Commoner Infectious Diseases since 1937.*

	Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia	Encephalitis Lethargica.	Puerperal Pyrexia.
1938 ...	5	31	—	7	—	—
1939 ...	8	61	—	7	—	2
1940 ...	10	14	4	18	—	1
1941 ...	9	16	2	6	—	1
1942 ...	3	11	—	1	—	1
1943 ...	—	15	—	16	—	—
1944 ...	2	19	—	3	—	—
1945 ...	—	30	1	1	—	—

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

*Scarlet Fever.*—The number of cases was considerably larger than in the past few years. A number of the cases notified attended one school, but in spite of careful investigation no common source of infection could be found.

*Diphtheria.*—It is satisfactory to note that no cases were notified.

*Diphtheria Immunisation.*—Immunisation continued during the year, and up to December 31st, 1,129 school children had been treated, and 453 children either privately or at Infant Welfare Centres, giving a total of 1,582.

*School Closures.*—Nil.

### TUBERCULOSIS.

#### 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	2	2	—	—	—	—	—	—
25	1	—	—	—	—	1	—	—
35	2	—	—	—	—	—	—	—
45	—	—	—	—	—	—	—	—
55	—	—	—	—	—	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
TOTALS	5	2	—	2	—	1	—	—

9 new cases of tuberculosis were notified during the year, 7 being of pulmonary tuberculosis, and 2 of other forms.

1 death was due to pulmonary and none due to non-pulmonary tuberculosis.

*Tuberculosis.*—The following table shews the cases notified, and deaths for the past 20 years:—

	1926	1927	1928	1929	1930	1931	1932
Cases ...	6	16	13	12	9	10	9
Deaths ...	3	6	10	7	6	5	9

	1933	1934	1935	1936	1937	1938	1939
Cases ...	7	6	10	10	10	9	10
Deaths...	3	8	5	5	4	4	4
	1940	1941	1942	1943	1944	1945	
Cases ...	19	14	11	9	10	9	
Deaths...	4	8	5	2	3	1	

*Treatment.*—6 cases were admitted to the Sanatorium for treatment during the year, 5 discharged.

#### REPORT OF SANITARY INSPECTOR.

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

TABLE I.

## KENILWORTH URBAN DISTRICT.

SUMMARY OF SANITARY WORK DONE IN THE SANITARY INSPECTOR'S  
DEPARTMENT DURING THE YEAR 1945.

	Inspections and Observations made.	Notices served.		Nuisances Abated after Notices.
		Statu- tory.	In- formal.	
Dwelling Houses and Schools ...	151	—	25	20
Lodging Houses ...	—	—	—	—
Dairies and Milk Shops ...	3	—	2	2
Cowsheds ...	1	—	1	1
Bakehouses ...	1	—	1	1
Slaughter Houses ...	—	—	—	—
Canal Boats ...	—	—	—	—
Ashpits and Privies ...	—	—	—	—
Deposits of Refuse and Manure ...	—	—	5	5
Water-closets ...	90	—	31	31
House Drainage ...	54	—	9	9
Other Nuisances ...	69	—	8	8
Water Supply ...	345	—	49	49
TOTALS ...	714	—	131	126

	No.
Seizures and Surrenders of Unwholesome Food ...	8
Samples of Food taken for analysis (Milk) ...	—
Samples of Food found adulterated ...	—
Samples of Water taken for analysis ...	7
Samples of Water condemned as unfit for use ...	—

## PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of Infected Bedding Disinfected or Destroyed ...	2
Houses Disinfected after cases of Infectious Disease ...	31
Schools ditto ditto ditto ...	—
Prosecutions for Exposure of Infected Persons or Things ...	—
Convictions ditto ditto ditto ...	—
Prosecutions for not notifying Existence of Infectious Disease ...	—
Convictions ditto ditto ditto ...	—

G. A. J. EDMUNDSON,  
Surveyor, Water Engineer and Sanitary Inspector.

TABLE II.

## KENILWORTH URBAN DISTRICT.

VITAL STATISTICS OF DISTRICT DURING 1945 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
1939	9,020	131	14.7	4	30	90	10.0
1940	9,710	171	17.6	9	51	139	14.3
1941	10,840	181	16.7	8	44	140	12.9
1942	10,280	170	16.6	6	35	101	9.8
1943	10,010	168	16.8	3	18	92	9.2
1944	9,730	199	20.5	9	45	101	10.4
1945	9,470	177	18.7	5	28	94	9.9

## VITAL STATISTICS IN ENGLAND AND WALES, 1945.

## ENGLAND AND WALES.

*Birth-rate, Death-rate, and Infantile Mortality during the Year 1945.  
(Provisional Figures).*

Annual Rate per 1,000 Population.

			Live Births	Still Births.	Deaths.	Deaths under one year to 1,000 Births.
England and Wales	...	...	16.1	0.46	11.4	46
126 Great Towns, including London			19.1	0.58	13.5	54
148 Smaller Towns	...	...	19.2	0.53	12.3	43
London	...	...	15.7	0.40	13.8	53

TABLE III.

## KENILWORTH URBAN DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE  
YEAR 1945.

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)										
Erysipelas ... ..										
Scarlet Fever ... ..	30	6	20	2	2				26	
Typhus Fever ... ..										
Enteric Fever ... ..	1				1				1	
Pneumonia ... ..	1					1				6
Malaria ... ..										
Dysentery ... ..										
Puerperal Pyrexia ...										
Cerebro-spinal Meningitis										
Poliomyelitis ... ..										
Encephalitis Lethargica										
Ophthalmia Neonatorum										
Polio-Encephalitis ...										
Pulmonary Tuberculosis	7			4	3					1
Other forms of Tuberculosis	2	1	1							
Totals ... ..	41	7	21	6	6	1	—		27	7

TABLE IV.  
KENILWORTH URBAN DISTRICT.  
CAUSES OF DEATH DURING THE YEAR 1945.

CAUSES OF DEATH.	MALES.	FEMALES.
All Causes ... ..	38	56
1 Typhoid and Paratyphoid Fevers ...	—	—
2 Cerebro Spinal Fever ... ..	—	1
3 Scarlet Fever ... ..	—	—
4 Whooping Cough ... ..	—	—
5 Diphtheria ... ..	—	—
6 Tuberculosis of Respiratory System ...	—	1
7 Other Forms of Tuberculosis ... ..	—	—
8 Syphilitic Diseases ... ..	—	1
9 Influenza ... ..	—	—
10 Measles ... ..	—	—
11 Ac. Polio-Myel and Polio-Enceph. ...	—	—
12 Ac. Infant Enceph. ... ..	—	—
13 Cancer of B. Cav. and Oesoph (M.) Uterus (F.) ... ..	—	4
14 Cancer of Stomach and Duod. ... ..	1	3
15 Cancer of Breast ... ..	—	2
16 Cancer, other Sites ... ..	4	4
17 Diabetes ... ..	—	1
18 Intra Cran. Vasc. Lesions... ..	4	5
19 Heart Disease ... ..	8	18
20 Other Dis. Circ. Sys. ... ..	2	1
21 Bronchitis ... ..	4	—
22 Pneumonia ... ..	3	3
23 Other Resp. Diseases ... ..	—	3
24 Ulcer of Stomach and Duod. ... ..	1	—
25 Diarrhoea (under 2 years)... ..	—	—
26 Appendicitis ... ..	—	—
27 Other Digestive Diseases ... ..	—	—
28 Nephritis ... ..	4	2
29 Puer. and Post Abort Sepsis ... ..	—	—
30 Other Maternal Causes ... ..	—	—
31 Premature Birth ... ..	1	2
32 Con. Mal., Birth Inj., etc.... ..	1	—
33 Suicide ... ..	1	1
34 Road Traffic Accidents ... ..	1	1
35 Other Violent Causes ... ..	—	3
36 All Other Causes ... ..	3	—



