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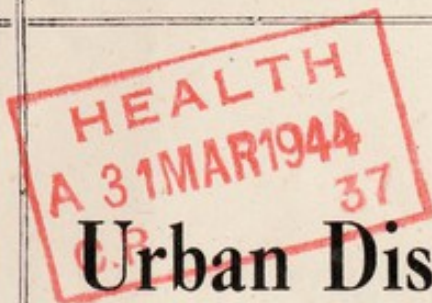
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Urban District of Kenilworth.



# ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1942,

BY

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

MEDICAL OFFICER OF HEALTH

OF THE

Warwickshire Combined Districts.

Leamington Spa :

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1, MILVERTON HILL,  
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December, 1943.

**To the Kenilworth Urban District Council.**

Mr. CHAIRMAN AND GENTLEMEN,

Herewith the Report for 1942; it is regretted that the Report should be delayed.

As instructed by the Ministry of Health, the Report is again only a short statement of fact. All available information is being kept for record and can be produced.

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

I am, Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,  
Medical Officer of Health.



## ***Kenilworth Urban District.***

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

|   |                                 |     |      |
|---|---------------------------------|-----|------|
| Population (estimated) Mid-year, 1942                           | ...                             | ... | —    |
| Birth Rate  | ...                             | ... | 16.6 |
| Still Births—Rate per 1,000 total births                        | ...                             | ... | 50   |
| Death Rate  | ...                             | ... | 9.8  |
| Deaths from Diseases and Accidents of Pregnancy and Child-birth | { From Sepsis<br>„ other causes |     | —    |
| Death Rate of Infants under 1 year of age :—                    |                                 |     |      |
| All Infants per 1,000 live births                               | ...                             | ... | 35   |
| Legitimate Infants per 1,000 legitimate live births             | ...                             | ... | 36   |
| Illegitimate Infants per 1,000 illegitimate live births         | ...                             | ... | —    |
| Deaths from Measles (all ages)                                  | ...                             | ... | —    |
| „ „ Whooping Cough (all ages)                                   | ...                             | ... | —    |
| „ „ Diarrhoea (under 2 years of age)                            | ...                             | ... | 1    |

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

1. *Public Health Officers.*—Remained the same as in 1941.

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

|               | Positive. | Negative. | Total. |
|---------------|-----------|-----------|--------|
| Diphtheria    | 1         | 11        | 12     |
| Enteric Fever | —         | —         | —      |
| Tuberculosis  | 1         | 21        | 22     |
|               |           |           | —      |
|               |           |           | 34     |
|               |           |           | —      |

### C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1. (1) *Water Supply*.—The town is supplied with water entirely by electrically operated plant, which has worked satisfactorily. A Chlorinator was installed by Messrs. Turn-Over Filter Co., Ltd., of Belfast.

The number of new services laid was 6, and 11 services have been renewed.

The usual emptying and cleansing of reservoirs has been carried out during the year.

During the year 82,510,652 gallons of water were pumped, giving an average of 226,087 gallons per day, as against 232,213 per day in 1941.

Five bacteriological analyses were made, which show that the water still maintains its high standard of purity.

(ii) *Drainage and Sewerage*.—No extensions to the Sewerage System were made. New sprinkler arms were fitted to two of the primary filter beds, all of which are now working satisfactorily. Material is on order for the two secondary filters, and these will be brought into commission as soon as the additional arms are received.

2. (i) *Rivers and Streams*.—One complaint was received of alleged pollution to the Finham Brook. The matter was rectified after the repairs had been completed to the primary filter arms.

General conditions of the effluent from the Disposal Works has been satisfactory.

3. (i) *Public Cleansing*.—House refuse collection is 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 salvage, including paper, bones, rags, rubber, bottles and scrap metal. The following materials were sold during the year :—

125 tons 7 $\frac{3}{4}$  cwts.—Paper.

3 tons 8 $\frac{1}{4}$  cwts.—Bones.

5 tons 9 $\frac{1}{2}$  cwts.—Rags.

2 tons 0 cwts.—Bottles.

There is considerable difficulty in finding a market for the broken glass and household tins, large quantities of which are lying at the Council's site in Dalehouse Lane.



### 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 persons registered under the Dairies, Cowsheds and Milkshops Order is 57; of these, 19 were retailers only, 20 producer-retailers, and 18 were producers only. Premises have been visited at intervals, and 3 informal notices requiring cleansing and minor alterations have been served and complied with.

Two persons are licensed for the sale of Pauteurised Milk, and one for the sale of Tuberculin Tested Milk.

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

(c) *Other Trades*.—Bakehouses have been inspected. No notices were found to be necessary.

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

*Incidence of Commoner Infectious Diseases since 1934.*

|      |     | Diphtheria. | Scarlet<br>Fever. | Enteric<br>Fever. | Pneumonia. | Encephalitis<br>Lethargica. | Puerperal<br>Pyrexia. |
|------|-----|-------------|-------------------|-------------------|------------|-----------------------------|-----------------------|
| 1935 | ... | 5           | 22                | —                 | 6          | —                           | —                     |
| 1936 | ... | 8           | 13                | —                 | 8          | —                           | —                     |
| 1937 | ... | 10          | 16                | —                 | 17         | —                           | —                     |
| 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                     |

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

*Diphtheria Immunisation*.—Immunisation continued during the year and up to Dec. 31st, 937 school children had been treated and 187 children either privately or at Infant Welfare Centres.

*School Closures*.—Nil.

## 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 ... ..       | ...        | —  | —              | ... | —          | —  | ...            | —  |
| 15 ... ..      | ...        | 3  | 1              | ... | —          | —  | ...            | —  |
| 25 ... ..      | ...        | 3  | 1              | ... | 1          | 1  | ...            | —  |
| 35 ... ..      | ...        | 1  | 1              | ... | 1          | 1  | ...            | —  |
| 45 ... ..      | ...        | —  | —              | ... | 1          | —  | ...            | —  |
| 55 ... ..      | ...        | —  | —              | ... | 1          | —  | ...            | —  |
| 65 and upwards | ...        | —  | —              | ... | —          | —  | ...            | —  |
| TOTALS ...     | 8          | 3  | ...            | —   | 4          | 2  | ...            | 1  |

11 new cases of tuberculosis were notified during the year, 11 being of pulmonary tuberculosis and none of other forms.

5 deaths were due to pulmonary and 1 due to non-pulmonary tuberculosis.

*Treatment.*—6 cases were admitted to the Sanatorium for treatment during the year, 2 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 1942.

|                               |     |     | Inspections<br>and<br>Observations<br>made. | Notices served. |                | Nuisances<br>Abated<br>after<br>Notices. |
|-------------------------------|-----|-----|---|-----------------|----------------|--|
|                               |     |     |   | Statu-<br>tory. | In-<br>formal. |  |
| Dwelling Houses and Schools   | ... |     | 174   | —               | 27             | 21                                       |
| Lodging Houses                | ... | ... | —   | —               | —              | —  |
| Dairies and Milkshops         | ... | ... | 2   | —               | 2              | 2  |
| Cowsheds                      | ... | ... | —   | —               | —              | —  |
| Bakehouses                    | ... | ... | —   | —               | —              | —  |
| Slaughter Houses              | ... | ... | —   | —               | —              | —  |
| Canal Boats                   | ... | ... | —   | —               | —              | —  |
| Ashpits and Privies           | ... | ... | —   | —               | —              | —  |
| Deposits of Refuse and Manure | ... | ... | —   | —               | —              | —  |
| Water-closets                 | ... | ... | 76  | —               | 18             | 18                                       |
| House Drainage                | ... | ... | 26  | —               | 5              | 5  |
| Other Nuisances               | ... | ... | 57  | —               | 9              | 6  |
| Water Supply                  | ... | ... | 141   | —               | 18             | 15                                       |
| TOTALS                        | ... | ... | 476   | —               | 79             | 67                                       |

|   |     |     |           |
|---|-----|-----|-----------|
| Seizures and Surrenders of Unwholesome Food | ... | ... | No.<br>15 |
| Samples of Food taken for analysis (Milk)   | ... | ... | —         |
| Samples of Food found adulterated           | ... | ... | —         |
| Samples of Water taken for Analysis         | ... | ... | 5         |
| Samples of Water condemned as unfit for use | ... | ... | —         |

## PRECAUTIONS AGAINST INFECTIOUS DISEASE.

|  |     |     |    |
|--|-----|-----|----|
| Lots of Infected Bedding Disinfected or Destroyed              | ... | ... | 16 |
| Houses Disinfected after cases of Infectious Disease           | ... | ... | 14 |
| 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 WHOLE DISTRICT DURING 1942 AND PREVIOUS  
YEARS.

| YEAR. | Population estimated to Middle<br>of each Year. | BIRTHS. |       | NETT DEATHS BELONGING<br>TO THE DISTRICT. |                                |              |       |
|-------|---|---------|-------|---|--------------------------------|--------------|-------|
|       |   | Nett.   |       | Under 1 Year<br>of age.                   |                                | At all Ages. |       |
|       |   | Number. | Rate. | Number.                                   | Rate per 1,000<br>Nett Births. | Number.      | Rate. |
| 1     | 2   | 3       | 4     | 5   | 6                              | 7            | 8     |
| 1936  | 8,460   | 134     | 15.8  | 4   | 30                             | 84           | 9.9   |
| 1937  | 8,640   | 123     | 14.2  | 5   | 41                             | 96           | 11.1  |
| 1938  | 8,750   | 127     | 14.5  | 7   | 55                             | 101          | 11.6  |
| 1939  | —   | —       | 14.7  | —   | 39                             | —            | 10.0  |
| 1940  | —   | —       | 17.6  | —   | 51                             | —            | 14.3  |
| 1941  | —   | —       | 16.7  | —   | 44                             | —            | 12.9  |
| 1942  | —   | —       | 16.6  | —   | 35                             | —            | 9.8   |

TABLE III.

## KENILWORTH URBAN DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE  
YEAR 1942.

| 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. |                                 |               |
| Small-pox ... ..                             |                           |                |         |          |           |           |           |                                 |               |
| Plague ... ..                                |                           |                |         |          |           |           |           |                                 |               |
| Diphtheria (including Mem-<br>branous Croup) | 3                         |                |         | 1        | 1         |           | 1         |                                 | 3             |
| Erysipelas ... ..                            | 4                         |                |         |          |           | 1         | 2         | 1                               |               |
| Scarlet Fever ... ..                         | 11                        |                | 2       | 4        | 3         | 1         | 1         |                                 | 9             |
| Typhus Fever ... ..                          |                           |                |         |          |           |           |           |                                 |               |
| Enteric Fever ... ..                         |                           |                |         |          |           |           |           |                                 |               |
| Pneumonia ... ..                             | 1                         |                |         |          | 1         |           |           |                                 | 2             |
| Malaria ... ..                               |                           |                |         |          |           |           |           |                                 |               |
| Dysentery ... ..                             |                           |                |         |          |           |           |           |                                 |               |
| Puerperal Pyrexia ... ..                     | 1                         |                |         |          |           | 1         |           |                                 |               |
| Cerebro-spinal Meningitis                    | 3                         |                | 1       |          | 1         | 1         |           |                                 |               |
| Poliomyelitis ... ..                         |                           |                |         |          |           |           |           |                                 |               |
| Encephalitis Lethargica                      |                           |                |         |          |           |           |           |                                 |               |
| Ophthalmia Neonatorum                        |                           |                |         |          |           |           |           |                                 |               |
| Polio-Encephalitis ... ..                    |                           |                |         |          |           |           |           |                                 |               |
| Pulmonary Tuberculosis                       | 11                        |                | 1       |          | 4         | 6         |           |                                 | 5             |
| Other forms of Tuberculosis                  |                           |                |         |          |           |           |           |                                 |               |
| Totals ... ..                                | 34                        |                | 4       | 5        | 10        | 10        | 4         | 1                               | 7             |



TABLE IV.  
KENILWORTH URBAN DISTRICT.

CAUSES OF DEATH DURING THE YEAR 1942.

| CAUSES OF DEATH.   | MALES. | FEMALES. |
|--|--------|----------|
| All Causes ... ..  | 54     | 47       |
| 1 Typhoid and Paratyphoid Fevers ...                       | —      | —        |
| 2 Cerebro Spinal Fever ... ..                              | —      | —        |
| 3 Scarlet Fever ... ..                                     | —      | —        |
| 4 Whooping Cough ... ..                                    | —      | —        |
| 5 Diphtheria ... ..  | —      | —        |
| 6 Tuberculosis of Respiratory System ...                   | 3      | 2        |
| 7 Other Forms of Tuberculosis ... ..                       | —      | —        |
| 8 Syphilitic Diseases ... ..                               | —      | —        |
| 9 Influenza ... ..   | —      | —        |
| 10 Measles ... ..  | —      | —        |
| 11 Ac. Polio-Myel and Polio-Enceph. ...                    | —      | —        |
| 12 Ac. Infant Enceph. ... ..                               | —      | —        |
| 13 Cancer of B. Cav. and Oesoph (M.)<br>Uterus (F.) ... .. | —      | 1        |
| 14 Cancer of Stomach and Duod. ... ..                      | 3      | 1        |
| 15 Cancer of Breast ... ..                                 | —      | 2        |
| 16 Cancer, other Sites ... ..                              | 3      | 6        |
| 17 Diabetes ... ..   | —      | —        |
| 18 Intra Cran. Vasc. Lesions... ..                         | 10     | 5        |
| 19 Heart Disease ... ..                                    | 9      | 15       |
| 20 Other Dis. Circ. Sys. ... ..                            | 3      | 1        |
| 21 Bronchitis ... ..                                       | 3      | 2        |
| 22 Pneumonia ... ..  | 2      | —        |
| 23 Other Resp. Diseases ... ..                             | 1      | 1        |
| 24 Ulcer of Stomach and Duod. ... ..                       | 2      | —        |
| 25 Diarrhoea (under 2 years)... ..                         | 1      | —        |
| 26 Appendicitis ... ..                                     | —      | —        |
| 27 Other Digestive Diseases ... ..                         | 2      | —        |
| 28 Nephritis ... ..  | 2      | 4        |
| 29 Puer. and Post Abort Sepsis ... ..                      | —      | —        |
| 30 Other Maternal Causes ... ..                            | —      | —        |
| 31 Premature Birth ... ..                                  | —      | 2        |
| 32 Con. Mal., Birth Inj., etc.... ..                       | 3      | —        |
| 33 Suicide ... ..  | —      | —        |
| 34 Road Traffic Accidents ... ..                           | —      | 1        |
| 35 Other Violent Causes ... ..                             | 2      | 3        |
| 36 All Other Causes ... ..                                 | 5      | 1        |