

**[Report 1944] / Medical Officer of Health, East Hertfordshire Combined Districts (Hertford Borough, Hoddesdon U.D.C., Bishop's Stortford U.D.C., Ware U.D.C., Sawbridgeworth U.D.C., Ware R.D.C., Braughing R.D.C., Hertford R.D.C.).**

### **Contributors**

East Hertfordshire Combined Districts.

### **Publication/Creation**

1944

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Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
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# **EAST HERTFORDSHIRE COMBINED DISTRICTS.**

|                           |                       |
|---------------------------|-----------------------|
| Hertford (M.B.)           | Sawbridgeworth (U.D.) |
| Hoddesdon (U.D.)          | Ware (R.D.)           |
| Bishop's Stortford (U.D.) | Braughing (R.D.)      |
| Ware (U.D.)               | Hertford (R.D.)       |

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## **ANNUAL REPORT**

OF THE

## **MEDICAL OFFICER**

(Alan D. Whitelaw, M.A., M.D., D.P.H.)

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**1944.**

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# **EAST HERTFORDSHIRE COMBINED DISTRICTS.**

Hertford (M.B.)

Hoddesdon (U.D.)

Bishop's Stortford (U.D.)

Ware (U.D.)

Sawbridgeworth (U.D.)

Ware (R.D.)

Braughing (R.D.)

Hertford (R.D.)

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## **MEDICAL OFFICER**

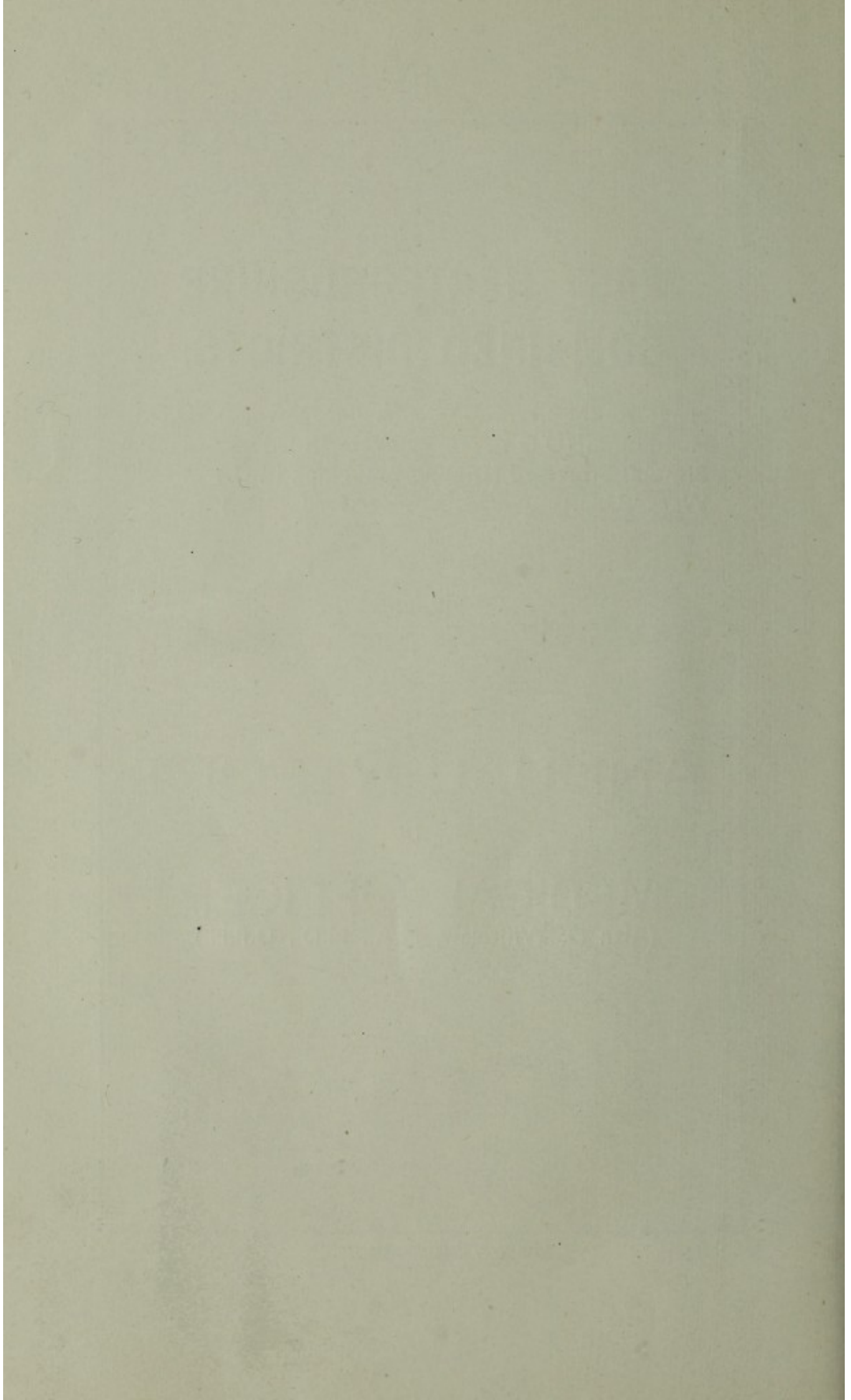
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**1944.**

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*Sanitary Inspectors :*

|                    |                                               |   |                                                     |
|--------------------|-----------------------------------------------|---|-----------------------------------------------------|
| JOHN BARNISH*      | -                                             | - | (The Castle) Hertford (M.B.)                        |
| WM. NOEL DAVID*    | -                                             | - | (Council Offices) Hoddesdon (U.D.)                  |
| NORMAN F. CRIPPS*  | (The Council House) Bishop's Stortford (U.D.) |   |                                                     |
| CHAS. J. LUCAS*    | -                                             | - | (The Priory) Ware (U.D.)                            |
| KENNETH STEENT†    | -                                             |   | (Council Offices) Sawbridgeworth (U.D.)             |
| LAURENCE J. DALE*† | -                                             | - | (97, New Road) Ware (R.D.)                          |
| E. E. WATERIDGE†   | -                                             | - | (Bridgefoot House, Buntingford)<br>Braughing (R.D.) |
| W. D. WAINE*†      | -                                             | - | (20, Castle Street) Hertford (R.D.)                 |

\*Certified Meat Inspector (Sanitary Inspectors' Examination Board).

†Also District Council Surveyor.

### Preface.

The following Report on the Health of the Combined Districts has been drawn up on the lines indicated in the Circular issued by the Minister of Health.

These rates have been calculated on the Registrar-General's estimate of the resident population in 1944.

I am indebted to the respective Sanitary Inspectors for the information on Sanitary matters generally, Housing and Food Inspection.

ALAN D. WHITELAW,  
*Medical Officer of Health.*

THE CASTLE,  
HERTFORD.

### Vital Statistics.

|                                                   | Resident<br>Population | Birth<br>Rate.* | Death<br>Rate.* | Infantile<br>Mortality.** |
|---------------------------------------------------|------------------------|-----------------|-----------------|---------------------------|
| MUNICIPAL BOROUGH.                                |                        |                 |                 |                           |
| Hertford - -                                      | 13640                  | 16'2            | 12'5            | 68                        |
| URBAN DISTRICTS.                                  |                        |                 |                 |                           |
| Hoddesdon - -                                     | 12760                  | 18'7            | 11'2            | 17                        |
| Bishop's Stortford -                              | 11250                  | 19'9            | 11'9            | 40                        |
| Ware - - -                                        | 8035                   | 18'4            | 13'6            | 41                        |
| Sawbridgeworth -                                  | 3242                   | 17'6            | 14'2            | 103                       |
| RURAL DISTRICTS.                                  |                        |                 |                 |                           |
| Ware - - -                                        | 10190                  | 16'5            | 10'2            | 30                        |
| Braughing - -                                     | 10240                  | 16'2            | 12'6            | 24                        |
| Hertford - -                                      | 7740                   | 20'2            | 12'3            | 19                        |
| England and Wales -                               |                        | 17'6            | 11'6            | 46                        |
| * Per 1,000 population.      ** Per 1,000 births. |                        |                 |                 |                           |

|                    | BIRTHS     |              |                |       |     | DEATHS |
|--------------------|------------|--------------|----------------|-------|-----|--------|
|                    | Legitimate | Illegitimate |                | TOTAL |     |        |
|                    |            | Number       | Per<br>centage | M.    | F.  |        |
| Hertford (M.B.) -  | 211        | 10           | 4'5            | 113   | 108 | 171    |
| Hoddesdon -        | 225        | 14           | 5'9            | 110   | 129 | 143    |
| Bishop's Stortford | 197        | 27           | 12             | 130   | 94  | 134    |
| Ware (U.D.) -      | 131        | 14           | 9'6            | 73    | 72  | 110    |
| Sawbridgeworth -   | 49         | 8            | 14             | 27    | 30  | 46     |
| Ware (R.D.) -      | 154        | 14           | 8'3            | 93    | 75  | 104    |
| Braughing -        | 154        | 12           | 7'2            | 92    | 74  | 129    |
| Hertford (R.D.) -  | 147        | 9            | 5'8            | 90    | 66  | 95     |



### Tuberculosis.

(New cases during 1944).

|                    | Respiratory |   | Non-Respiratory |   | TOTAL |
|--------------------|-------------|---|-----------------|---|-------|
|                    | M           | F | M               | F |       |
| Hertford (M.B.) -  | 5           | 5 | 0               | 2 | 12    |
| Hoddesdon -        | 6           | 5 | 1               | 2 | 14    |
| Bishop's Stortford | 9           | 1 | 3               | 1 | 14    |
| Ware (U.D.) -      | 6           | 1 | 2               | 2 | 11    |
| Sawbridgeworth -   | 1           | 1 | 0               | 0 | 2     |
| Ware (R.D.) -      | 3           | 3 | 3               | 3 | 12    |
| Braughing -        | 3           | 3 | 1               | 7 | 14    |
| Hertford (R.D.) -  | 1           | 1 | 2               | 1 | 5     |

*Number of cases remaining on the Register at the end of the year.*

|                    | Respiratory |    | Non-Respiratory |    | Total |
|--------------------|-------------|----|-----------------|----|-------|
|                    | M           | F  | M               | F  |       |
| Hertford (M.B.) -  | 35          | 21 | 9               | 7  | 72    |
| Hoddesdon -        | 38          | 23 | 16              | 7  | 84    |
| Bishop's Stortford | 29          | 19 | 8               | 16 | 72    |
| Ware (U.D.) -      | 17          | 15 | 16              | 11 | 49    |
| Sawbridgeworth -   | 5           | 7  | 3               | 2  | 17    |
| Ware (R.D.) -      | 17          | 10 | 17              | 19 | 63    |
| Braughing -        | 11          | 8  | 11              | 13 | 43    |
| Hertford (R.D.) -  | 17          | 17 | 5               | 4  | 43    |

### Laboratory Facilities.

Bacteriological Examinations are carried out at the Emergency Public Health Laboratory, Hertford County Hospital.

*Pathologist:* VINCENT MAGEE, M.D. (Belfast).

### Sick Bay for Evacuee Children.

Woodlands, High Street, Hoddesdon.

| CAUSES OF DEATH.                                  |     | Hertford<br>M.B. |    | Hoddes-<br>don |    | Bishop's<br>Stortford |    | Ware<br>U.D. |    | S'gworth |    | Ware<br>R.D. |    | Braughing |    | Hertford<br>R.D. |    |
|---------------------------------------------------|-----|------------------|----|----------------|----|-----------------------|----|--------------|----|----------|----|--------------|----|-----------|----|------------------|----|
|                                                   |     | M.               | F. | M.             | F. | M.                    | F. | M.           | F. | M.       | F. | M.           | F. | M.        | F. | M.               | F. |
| ALL CAUSES                                        | ... | 79               | 92 | 60             | 83 | 60                    | 74 | 57           | 53 | 19       | 27 | 55           | 49 | 68        | 61 | 44               | 51 |
| Zymotic diseases                                  | ... | 0                | 0  | 0              | 0  | 0                     | 1  | 1            | 0  | 0        | 0  | 1            | 0  | 0         | 0  | 0                | 0  |
| Influenza                                         | ... | 0                | 1  | 0              | 1  | 0                     | 0  | 0            | 1  | 0        | 0  | 0            | 0  | 0         | 1  | 2                | 1  |
| Tuberculosis (all forms)                          | ... | 3                | 3  | 3              | 5  | 5                     | 1  | 5            | 1  | 0        | 2  | 5            | 1  | 0         | 5  | 0                | 0  |
| Syphilitic diseases                               | ... | 0                | 0  | 0              | 1  | 0                     | 1  | 0            | 1  | 0        | 0  | 0            | 0  | 0         | 0  | 0                | 1  |
| Cancer                                            | ... | 11               | 13 | 10             | 18 | 6                     | 8  | 6            | 8  | 2        | 2  | 9            | 9  | 10        | 12 | 6                | 10 |
| Diabetes                                          | ... | 1                | 0  | 0              | 2  | 1                     | 1  | 1            | 1  | 0        | 0  | 0            | 0  | 0         | 1  | 1                | 1  |
| Intracranial Vascular Lesions                     | ... | 6                | 8  | 6              | 10 | 10                    | 7  | 10           | 7  | 1        | 6  | 1            | 8  | 5         | 6  | 8                | 5  |
| Heart disease                                     | ... | 21               | 33 | 15             | 20 | 14                    | 15 | 14           | 15 | 6        | 5  | 10           | 10 | 21        | 14 | 9                | 16 |
| Other circulatory diseases                        | ... | 4                | 6  | 6              | 11 | 5                     | 3  | 5            | 3  | 2        | 3  | 2            | 2  | 6         | 6  | 4                | 0  |
| Bronchitis                                        | ... | 4                | 2  | 4              | 1  | 6                     | 4  | 6            | 4  | 0        | 1  | 5            | 2  | 3         | 2  | 3                | 1  |
| Pneumonia                                         | ... | 7                | 4  | 2              | 0  | 2                     | 2  | 2            | 2  | 0        | 1  | 3            | 0  | 3         | 4  | 1                | 4  |
| Other respiratory diseases                        | ... | 1                | 0  | 1              | 1  | 0                     | 2  | 0            | 2  | 1        | 0  | 2            | 0  | 1         | 0  | 0                | 0  |
| Ulcer of stomach or duodenum                      | ... | 2                | 0  | 2              | 0  | 2                     | 0  | 2            | 0  | 0        | 0  | 1            | 0  | 0         | 0  | 2                | 0  |
| Diarrhoea (under 2 years)                         | ... | 1                | 0  | 0              | 1  | 0                     | 0  | 0            | 0  | 1        | 0  | 0            | 0  | 0         | 0  | 1                | 0  |
| Appendicitis                                      | ... | 0                | 0  | 0              | 0  | 0                     | 0  | 0            | 0  | 0        | 0  | 1            | 1  | 0         | 0  | 0                | 0  |
| Other digestive diseases                          | ... | 2                | 2  | 0              | 0  | 0                     | 2  | 0            | 2  | 0        | 1  | 3            | 2  | 1         | 1  | 1                | 1  |
| Nephritis                                         | ... | 2                | 7  | 1              | 1  | 3                     | 5  | 0            | 0  | 0        | 0  | 3            | 0  | 3         | 0  | 4                | 2  |
| Pregnancy and childbirth                          | ... | —                | 0  | —              | 0  | —                     | 1  | —            | 0  | —        | 0  | —            | 1  | —         | 0  | —                | 0  |
| Birth injuries: infant diseases; premature births | ... | 7                | 1  | 1              | 2  | 3                     | 3  | 1            | 2  | 3        | 2  | 0            | 1  | 1         | 1  | 0                | 1  |
| Suicide                                           | ... | 0                | 1  | 0              | 0  | 0                     | 1  | 0            | 0  | 0        | 0  | 0            | 1  | 3         | 1  | 0                | 0  |
| Road Traffic Accidents                            | ... | 2                | 0  | 1              | 0  | 0                     | 0  | 0            | 1  | 1        | 1  | 0            | 0  | 2         | 0  | 0                | 2  |
| Other violent causes                              | ... | 3                | 8  | 6              | 9  | 1                     | 8  | 3            | 3  | 1        | 2  | 6            | 6  | 6         | 7  | 1                | 4  |
| Still Births                                      | ... | 5                | 7  | 6              | 10 | 3                     | 4  | 2            | 0  | 2        | 2  | 3            | 2  | 3         | 1  | 4                | 1  |
| Deaths of infants under 1 year of age             | ... | 12               | 3  | 1              | 3  | 5                     | 4  | 3            | 3  | 4        | 2  | 4            | 1  | 2         | 2  | 2                | 1  |



## Borough of Hertford.

### *Water Supply.*

The water supply over the whole area of the Borough has been satisfactory both in quality and quantity, an ample supply of pure and wholesome water having been raised and delivered to the consumers.

All the water has been treated before going into supply and bacteriologically examined once each month, the results of which have been consistantly good, showing the water to be free from any suspicious matter. No bacteriological examinations were made of the raw water.

The two chemical examinations proved that the water was free from any excess of minerals, but that it continues to be rather hard.

It has no plumbo-solvent or other detrimental action.

The supply is constant over the whole area, the whole of the Borough has a piped supply with the exception of 29 houses (of which 25 are in the village of Hertingfordbury), representing 0·8% of the total population.

### *Drainage and Sewerage.*

The method of disposal of the sewerage of the town is by the presedimented activated sludge process, and the resulting effluent is ultimately discharged into the River Lee.

### *Refuse Disposal.*

There is a weekly collection, in covered freighters, of refuse which is disposed of by controlled tipping on Hartham.

## Particulars of Sanitary Inspector's work during the year 1944.

### *Inspection of District.*

|                                                          |   |   |   |   |   |   |   |      |
|----------------------------------------------------------|---|---|---|---|---|---|---|------|
| <i>Total number of Visits</i>                            | - | - | - | - | - | - | - | 1184 |
| Dwelling houses inspected (Public Health & Housing Acts) |   |   |   |   |   |   |   | 103  |
| Re-inspections and Visits                                | - | - | - | - | - | - | - | 339  |
| General Inspections                                      | - | - | - | - | - | - | - | 116  |
| Interviews at Properties                                 | - | - | - | - | - | - | - | 118  |
| Visits re cases of Infectious Disease                    | - | - | - | - | - | - | - | 20   |
| Disinfections                                            | - | - | - | - | - | - | - | 35   |
| Complaints investigated                                  | - | - | - | - | - | - | - | 78   |
| Food Inspections                                         | - | - | - | - | - | - | - | 128  |
| Food Inspections (A.R.P. Services)                       | - | - | - | - | - | - | - | 18   |
| Milk Samples                                             | - | - | - | - | - | - | - | 9    |
| Miscellaneous                                            | - | - | - | - | - | - | - | 21   |



*Registered and Licensed Premises Inspected.*

|                       |   |   |   |   |   |   |   |   |             |
|-----------------------|---|---|---|---|---|---|---|---|-------------|
| Factories             | - | - | - | - | - | - | - | - | 5           |
| Bakehouses            | - | - | - | - | - | - | - | - | 19          |
| Cowsheds              | - | - | - | - | - | - | - | - | 34          |
| Dairies               | - | - | - | - | - | - | - | - | 42          |
| Common Lodging Houses | - | - | - | - | - | - | - | - | 26          |
| Shops                 | - | - | - | - | - | - | - | - | 4           |
| Food Premises         | - | - | - | - | - | - | - | - | 69          |
|                       |   |   |   |   |   |   |   |   | <u>1184</u> |

*Notices Served.*

|                          |   |   |   |   |   |   |   |   |    |
|--------------------------|---|---|---|---|---|---|---|---|----|
| Informal Notices         | - | - | - | - | - | - | - | - | 28 |
| Statutory Notices        | - | - | - | - | - | - | - | - | —  |
| Improvements carried out | - | - | - | - | - | - | - | - | 82 |

*Housing.**Overcrowding.*

During the year alleged cases of overcrowding have been investigated at 16 dwelling-houses. The following is a summary of the circumstances:—

*Houses Statutorily Overcrowded.*

CASE (A). Permitted Number -  $8\frac{1}{2}$  persons.

Occupants:—Males over 10 years of age - 4  
 Females over 10 years of age - 4  
 Females under 10 years of age 3

Occupants represent 9 persons and 1 child under 1 year.

Number of families, 3. Serious overcrowding.

CASE (B). Permitted Number -  $7\frac{1}{2}$  persons.

Occupants:—Males over 10 years of age - 4  
 Females over 10 years of age - 9  
 Males under 10 years of age - 2  
 Females under 10 years of age 3

Occupants represent  $14\frac{1}{2}$  persons and 2 children under 1 year.

Number of families, 5. Serious overcrowding.

The overcrowding was due to the housing of evacuee relatives.

CASE (C). Permitted Number - 7 persons.

Occupants:—Males over 10 years of age - 4  
 Females over 10 years of age - 3  
 Males under 10 years of age - 1  
 Females under 10 years of age - 1

Occupants represent  $7\frac{1}{2}$  persons and 1 child under 1 year.

CASE (D). Permitted Number -  $5\frac{1}{2}$  persons.

Occupants:—Males over 10 years of age - 5  
 Females over 10 years of age - 1  
 Males under 10 years of age - 1  
 Females under 10 years of age - 3

Occupants represent 8 persons. Serious overcrowding.

Borderline cases of overcrowding - Total 4.

Houses found not overcrowded - 8.

The attention of the Occupier was drawn to the extent of the overcrowding in each case.

#### *Common Lodging House, Railway Street—"The White House."*

This is the only registered Common Lodging House within the Borough. The house provides nightly accommodation for 32 men; the number of men accommodated during the year was 6,800, a nightly average of 19 men. The house is generally well conducted.

In July, 1944, a change of 'deputy' occurred, Mr. William Swain being the new registered deputy.

#### *Inspection and Supervision of Food.*

##### *Milk Supply.*

|                                                                                 |   |   |   |   |    |
|---------------------------------------------------------------------------------|---|---|---|---|----|
| Number of Registered Producers                                                  | - | - | - | - | 10 |
| Number of Registered Producers Retail Purveyors of Milk                         |   |   |   |   | 8  |
| Number of Registered Retail Purveyors of Milk                                   | - | - |   |   | 1  |
| Number of Registered Retail Purveyors of Milk from premises outside the Borough | - | - | - | - | 6  |

During the year one registered retail purveyor of milk, Mr. Smee (Ibbott & Co.), has been discontinued and the registration cancelled.

##### *Milk and Dairies Order, 1926.—Contraventions.*

During November, it was found that an unsealed Churn containing Milk, was deposited in an open shed on unregistered premises.

The attention of the Dealer was drawn to the contravention.



*Milk (Special Designations Order), 1936-1938.*

|                                                              |           |   |
|--------------------------------------------------------------|-----------|---|
| Number of Producers of "Tuberculin" Tested Milk              | -         | 1 |
| Number of Producers of Retailers of "Tuberculin" Tested Milk | - - - - - | 2 |
| Number of Producers of "Accredited" Milk                     | - - -     | 1 |
| Number of Dealers Licenses to sell "Tuberculin" Tested Milk  | - - - - - | 3 |
| Number of Dealers Licenses to sell "Accredited" Milk         | -         | 1 |
| Number of Dealers Licenses to sell "Pasteurised" Milk        | -         | 3 |

*Milk Samples.*

During the year 16 samples of "Designated" Milk were submitted for bacteriological examination, included being supplies to four schools within the Borough. Two samples were not of the required standard

Repeat samples attained the required standard.

*Inspection of Meat and other Foods.*

The following foodstuffs were found to be unfit for human consumption :—

|                 |   |           |                |   |         |
|-----------------|---|-----------|----------------|---|---------|
| Beef (English)  | - | 2045 lbs. | Bacon          | - | 24 lbs. |
| Beef (Imported) | - | 131 "     | Ham            | - | 52 "    |
| Veal            | - | 58½ "     | Suet           | - | 10 "    |
| Pork            | - | 9½ "      | Meat Pies (36) | - | 9 "     |
| Pork Sausages   | - | 30 "      |                |   |         |

*Fish.*

|          |   |         |                    |   |         |
|----------|---|---------|--------------------|---|---------|
| Coalfish | - | 70 lbs. | Plaice             | - | 21 lbs. |
| Mackerel | - | 924 "   | Fish Fillets (wet) | - | 284 "   |
| Herrings | - | 2112 "  | " (smoked)         | - | 121 "   |
| Catfish  | - | 84 "    | Kippers            | - | 336 "   |
| Coley    | - | 140 "   | Fish Cakes         | - | 27 "    |

*General Foodstuffs.*

|         |   |       |             |   |          |
|---------|---|-------|-------------|---|----------|
| Cheese  | - | 20½ " | Milk Powder | - | 112 lbs. |
| Butter  | - | 21½ " | Prunes      | - | 25 "     |
| Sugar   | - | 44½ " | Sultanas    | - | 12 "     |
| Flour   | - | 46 "  | Spaghetti   | - | 100 "    |
| Cereals | - | 79½ " | Lentils     | - | 4 "      |
| Gelatin | - | 28 "  |             |   |          |

*Food in Containers.*

|                   |   |   |   |                     |   |            |
|-------------------|---|---|---|---------------------|---|------------|
| Meat              | - | - | - | 11 Containers       | - | 26 lbs.    |
| Meat Preparations | - | - | - | 56                  | " | 55½ "      |
| Pork              | - | - | - | 35                  | " | 67 "       |
| Ham               | - | - | - | 12                  | " | 23 "       |
| Ready Meats       | - | - | - | 8                   | " | 8 "        |
| Fish              | - | - | - | 123                 | " | 33½ "      |
| Fruit             | - | - | - | 8                   | " | 12½ "      |
| Vegetables        | - | - | - | 84                  | " | 91 "       |
| Milk              | - | - | - | 73                  | " | 66 "       |
| Lemon Curd        | - | - | - | 5                   | " | 49 "       |
| Miscellaneous     | - | - | - | 16                  | " | 27 "       |
| Other Foodstuffs  | - | - | - | 70 Glass Containers | - | 5 gallons. |

*Air Raid Damage.*

On 2nd July, 1944, a Flying Bomb fell near Mill Bridge and the following additional foodstuffs were condemned as unfit for food owing to an admixture of glass and debris. Eleven retail premises were affected and the total foodstuffs dealt with was 3434lbs., viz.:—

|                 |   |   |   |   |   |           |
|-----------------|---|---|---|---|---|-----------|
| Sugar           | - | - | - | - | - | 2390 lbs. |
| Flour           | - | - | - | - | - | 304 "     |
| Pudding Mixture | - | - | - | - | - | 48 "      |
| Butter          | - | - | - | - | - | 15 "      |
| Bacon           | - | - | - | - | - | 24 "      |
| Lentils         | - | - | - | - | - | 13 "      |
| General         | - | - | - | - | - | 68 "      |

The Ministry of Food (Salvage Department) arranged the disposal of 2862 lbs. of the Foodstuffs. The remainder of the foodstuffs, 572 lbs. were not suitable for salving and were officially destroyed.

*Meat Distribution Depot, Bell Lane, Hertford.**The South-Eastern W.M.S.A. Ltd.*

Close contact has been maintained with the Depot during the year, 21 special visits were made to deal with foodstuffs regarded as being unfit for human consumption.

*Factories Act, 1937.*

|                                            |   |   |   |    |
|--------------------------------------------|---|---|---|----|
| Factories—Number of visits and inspections | - | - | - | 29 |
| Bakehouses—                                | " | " | " | 24 |

In regard to two factories, references from H.M. Inspector of Factories as to "defective sanitary accommodation" were dealt with.



*Disinfection.*

Disinfection at 35 dwelling houses was carried out following cases of infectious disease (including tuberculosis).

**Prevalence of, and Control over Infectious and other Diseases.**

**Notifiable Diseases.**

|                           | TOTAL | Under 1 year | 1-5 years | 5-14 years | 14-21 years | 21-65 years | over 65 years | Admitted to Hospital | Deaths |
|---------------------------|-------|--------------|-----------|------------|-------------|-------------|---------------|----------------------|--------|
| Small-pox                 | 0     |              |           |            |             |             |               |                      |        |
| Diphtheria                | 1     |              |           |            |             | 1           |               | 1                    | 0      |
| Scarlet Fever             | *42   |              | 5         | 33         | 3           | 1           |               | 32                   | 1      |
| Erysipelas                | 2     |              |           | 1          |             | 1           |               | 1                    | 0      |
| Enteric Fever             | 0     |              |           |            |             |             |               |                      |        |
| Cerebro-spinal Meningitis | 0     |              |           |            |             |             |               |                      |        |
| Acute Polio-myelitis      | 2     |              | 1         | 1          |             |             |               | 2                    | 0      |
| Ophthalmia Neonatorum     | 0     |              |           |            |             |             |               |                      |        |
| Puerperal Pyrexia         | 0     |              |           |            |             |             |               |                      |        |
| Dysentery (Sonne)         | 0     |              |           |            |             |             |               |                      |        |
| Acute primary Pneumonia   | 3     | 1            | 1         |            |             | 1           |               | 2                    | 1      |
| Measles                   | 2     |              |           |            | 1           | 1           |               | 2                    | 0      |
| Whooping Cough            | 43    | 1            | 13        | 29         |             |             |               | 2                    | 0      |
| Jaundice (Hepatitis)      | 5     |              |           | 2          | 2           | 1           |               | 1                    | 0      |

\* { Balls Park (L.C.C. Open-Air School) .. .. . 22 Cases.  
 { Bengo House (Tottenham Day Nursery) .. .. . 5 "  
 { Kingsmead (H.C.C. School for Mental Defectives) .. 2 "

|                      | January | February | March | April | May | June | July | August | September | October | November | December |
|----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever        | 5       |          |       |       |     |      | 1    | 1      | 3         | 2       | 26       | 4        |
| Measles              | 1       |          |       |       |     |      |      |        |           |         |          | 1        |
| Whooping Cough       |         |          |       | 8     | 13  | 5    | 11   | 6      |           |         |          |          |
| Diphtheria           | 1       |          |       |       |     |      |      |        |           |         |          |          |
| Acute Polio-myelitis |         |          |       | 1     |     |      |      |        | 1         |         |          |          |
| Infective Hepatitis  |         |          |       |       | 1   |      |      | 1      | 2         |         | 1        |          |

## Diphtheria Prophylaxis.

|                                                                                              | Age under<br>5 years. | Aged 5<br>years and<br>over, but<br>under 15. | Total. |
|----------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|--------|
| Number of children who completed<br>the full course of immunisation<br>during the year ..... | 131                   | 56                                            | 187    |
| Percentage of the child population<br>considered immunised at 31/12/44.                      | 86                    | 95                                            |        |

*Scabies Order, 1941.*

The Gas Cleansing Station at the rear of the Infant Welfare Centre, Bull Plain, continued to be used as a Scabies Treatment Centre.

Women and children were treated by the District Nurses and men by full-time Civil Defence personnel.

During the year 1944, the number of persons treated at the centre was :—

Children under 14 years of age 73 (plus 10 evacuees).  
Adults - - - - - 37.



### Hoddesdon Urban District.

#### Water.

Except for slightly less than 2% of the whole, the district has a constant supply from public mains, which in nearly all cases is laid on direct to each house (only a few houses relying on standpipes).

The northern end of the district is served by the Metropolitan Water Board; the area so supplied is being extended and a section of 1½ inch service supply approximately 130 yards from Briscoe Road to the boundary on the west side of Ware Road has been laid in readiness for the change over. The Council's own water undertaking covers the remainder of the district, all the water being chlorinated before going into supply. The supply was satisfactory in quantity.

Nine samples of water were taken and submitted for bacteriological examination during the year, particulars of which are as follows:—

| Date   | Sample No. | Plate count<br>3 days<br>22° C. | Plate count<br>2 days<br>37° C. | Probable<br>number<br>Coliform<br>Bacilli<br>3 days<br>37° C. | Probable<br>number<br>Faecal<br>Coli.<br>2 days<br>44° C. | Remarks.                                |
|--------|------------|---------------------------------|---------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|
| 2/6/44 | 756        | 25 per c.c.                     | 20 per c.c.                     | Nil                                                           | Nil                                                       | Satisfactory                            |
| 2/6/44 | 757        | 16 per c.c.                     | 7 per c.c.                      | Nil                                                           | Nil                                                       | Satisfactory                            |
| 2/6/44 | 758        | 6 per c.c.                      | 8 per c.c.                      | Nil                                                           | Nil                                                       | Satisfactory                            |
| 8/6/44 | 884        | 5 per c.c.                      | 10 per c.c.                     | Nil                                                           | Nil                                                       | Satisfactory                            |
| 8/6/44 | 885        | Too many<br>to count            | 350 per c.c.                    | Nil                                                           | Nil                                                       | Satisfactory                            |
| 8/6/44 | 886        | 2,000 per<br>c.c.               | 100 per c.c.                    | Nil                                                           | Nil                                                       | Satisfactory                            |
| 8/6/44 | 887        | Nil per c.c.                    | Nil per c.c.                    | Nil                                                           | Nil                                                       | Dirty appearance but<br>satisfactory    |
| 8/6/44 | 888        | Too many<br>to count            | Too many<br>to count            | 3 per<br>100 c.c.                                             | Nil                                                       | Passed test<br>for drinking<br>purposes |
| 8/6/44 | 889        | 40 per c.c.                     | 10 per c.c.                     | Nil                                                           | Nil                                                       | Satisfactory                            |

Two of these samples were from factories with their own supply, and were found to be satisfactory. One sample taken from the Council's supply was also found to be satisfactory.

The remaining six were taken from wells and springs belonging to houses in the Woollensbrook area, where the water supply had almost failed. In only one case was the water found to be unsatisfactory and the owner of this well was advised to boil the water before using it for drinking purposes. As all these wells are of the shallow kind, and

during dry seasons the supply of water is negligible, the owners were advised to apply to the Metropolitan Water Board for the mains to be extended in order that a satisfactory supply of water could be provided for each house. The Local Authority made similar representations, but presumably owing to the cost and labour difficulties no scheme has yet materialised.

#### *Drainage and Sewerage.*

Most of the district (except for houses in undeveloped and low-lying parts of the area) is sewered. Sewage disposal works consisting of detritus, settling tanks, contact beds, and percolating filters serve the old urban area. Sewage from Broxbourne and Wormley is disposed of by broad irrigation at the sewage farm.

#### *Refuse Collection and Disposal.*

Household refuse is disposed of by means of controlled tipping in a disused Gravel Pit in Ogard Road, Hoddesdon. No complaints were received during the year and the tip is well regulated.

#### **Particulars of Sanitary Inspector's Work.**

|                                                                                   |             |
|-----------------------------------------------------------------------------------|-------------|
| Dwelling-houses inspected under the Public Health and Housing Acts                | 177         |
| Housing, re-inspection, works in progress and interviews with Owners and Builders | 835         |
| Visits in connection with Infectious Diseases                                     | 13          |
| Inspections—Cowsheds                                                              | 39          |
| Inspections—Dairies and Milkshops                                                 | 49          |
| Visits to Slaughterhouses in connection with meat inspection                      | 15          |
| Butchers' Shops                                                                   | 45          |
| Inspection of Bakehouses                                                          | 8           |
| Visits to other premises where food is prepared and/or exposed for sale           | 45          |
| Market Inspections                                                                | 39          |
| Visits to School Premises                                                         | 20          |
| Refuse Tip Inspections                                                            | 30          |
| Investigation of Complaints other than Housing                                    | 20          |
| Factories                                                                         | 54          |
| Camping Grounds and Caravans                                                      | 28          |
| Miscellaneous Inspections                                                         | 170         |
| <b>TOTAL INSPECTIONS</b>                                                          | <b>1587</b> |



|                                    |   |   |   |   |   |     |
|------------------------------------|---|---|---|---|---|-----|
| Complaints received                | - | - | - | - | - | 160 |
| Number of Letters Sent             | - | - | - | - | - | 491 |
| Number of Informal Notices Served  | - | - | - | - | - | 78  |
| Number of Statutory Notices Served | - | - | - | - | - | 19  |

*Drainage and Sanitary Arrangements.*

|                                                                    |   |   |   |   |   |    |
|--------------------------------------------------------------------|---|---|---|---|---|----|
| Drains tested                                                      | - | - | - | - | - | 30 |
| Drains provided, improved, re-laid or repaired                     | - | - | - | - | - | 8  |
| Drains cleared                                                     | - | - | - | - | - | 16 |
| Improvements to Soil Pipes, Vent Shafts, Inspection Chambers, etc. | - | - | - | - | - | 18 |
| New W.C.'s provided                                                | - | - | - | - | - | 5  |
| W.C.'s repaired                                                    | - | - | - | - | - | 39 |
| Dustbins provided                                                  | - | - | - | - | - | 22 |
| Yards paved or repaired                                            | - | - | - | - | - | 4  |
| Roofs and gutters repaired                                         | - | - | - | - | - | 38 |
| Dangerous structures rebuilt                                       | - | - | - | - | - | —  |
| External walls repaired                                            | - | - | - | - | - | 10 |
| Damp-proof courses provided                                        | - | - | - | - | - | 4  |
| Dampness remedied                                                  | - | - | - | - | - | 17 |
| Floors repaired or renewed                                         | - | - | - | - | - | 21 |
| Floors ventilated                                                  | - | - | - | - | - | 6  |
| Rooms, walls and ceilings repaired and re-decorated                | - | - | - | - | - | 77 |
| Windows and doors repaired                                         | - | - | - | - | - | 34 |

No houses were connected to the Council's sewers during the year.

*Eradication of Bed Bugs.*

During the year 21 houses were treated for bug infestation. Three of these were Council houses, the rest of the houses were privately owned.

The same procedure was followed as in previous years.

*Public Health Act, 1936.*

Three Statutory Notices were served for the abatement of nuisances at the following addresses:—

No. 92, Old Highway, Hoddesdon.

No. 73, High Street, Hoddesdon.

No. 5, Burford Street, Hoddesdon.

The nuisances were abated.

Sixteen Statutory Notices were served under Section 75 of the above Act for the provision of dustbins at various addresses in the district. In all cases the new dustbins were either provided by the owner or supplied by the Council in default and the cost recovered.

*Housing Act, 1936—Overcrowding.*

As indicated in last year's Report, there is still a great deal of overcrowding in this district.

*Demolition Orders.*

No Demolition or Closing Orders were served during the year.

*12, 14, 16, High Road, Wormley.*

Demolition Orders were made on these houses in November, 1937. As they were becoming derelict and dangerous the owners were called upon to demolish them and the houses were pulled down during the year.

Additional Sanitary Accommodation was provided during the year at one Factory, and attention was called to the unsatisfactory condition of the sanitary convenience at two factories, which were rectified by informal action.

*Schools.*

The occupier of premises used as a Private School was called upon by the Board of Education to produce a Certificate that the drainage and the arrangements for the disposal of waste water and sewage were in order. The drains when tested were found to be defective and the drainage system was reconstructed.

*Rats & Mice Destruction Act, 1910.*

The County Council are the authority for enforcing the above, and during the year some 35 complaints were received and passed on to the County Pests Officer.

*Disinfections.*

Disinfections were carried out in consequence of infectious diseases (including Tuberculosis) in 40 dwelling houses.

*Inspection of Factories—Factories Act, 1937.*

54 Visits and Inspections were made.

*Inspection and Supervision of Food.**Milk Supply.*

|                                                           |   |   |   |   |    |
|-----------------------------------------------------------|---|---|---|---|----|
| Number of registered producers                            | - | - | - | - | 8  |
| Number of retail purveyors of milk                        | - | - | - | - | 16 |
| Number of retail purveyors of milk by round from premises |   |   |   |   |    |
| outside the district                                      | - | - | - | - | 2  |

The cowsheds and dairies have been frequently inspected, and a total of 88 visits has been made.



*Milk Special Designations Order, 1936 & 1938.*

|                                                                       |   |   |
|-----------------------------------------------------------------------|---|---|
| Retailers licences in respect of Tuberculin Tested milk               | - | 4 |
| Supplementary retailer's licences in respect of Accredited Milk       | - | — |
| Supplementary retailer's licence in respect of Pasteurised Milk       |   | 1 |
| Supplementary retailer's licence in respect of Tuberculin Tested Milk | - | 1 |

*Milk Samples.*

In addition to the samples taken by the County Council, 7 samples of milk were submitted for bacteriological examination during the year two of which were found to be unsatisfactory. These were undesignated milks produced outside the district and the information was passed on to the local authority for the area where the milk was produced.

Particulars of reports on samples taken are given below :—

| Date                | Sample No. | Designation | Methylene Blue Test | Coliform Test                                    |
|---------------------|------------|-------------|---------------------|--------------------------------------------------|
| 19/5/44             | 496        | Not stated  | Satisfied           | No Coliform bacilli present                      |
| 19/5/44             | 497        | Not stated  | Satisfied           | No Coliform bacilli present                      |
| 19/5/44             | 495        | Not stated  | Satisfied           | No Coliform bacilli present                      |
| <i>School Milk.</i> |            |             |                     |                                                  |
| 18/12/44            | 6498       | Ordinary    | Did not satisfy     | Coliform bacilli present in 0.01 c.c. in 3 tubes |
| 18/12/44            | 6499       | Accredited  | Satisfied           | No Coliform bacilli present                      |
| 18/12/44            | 6500       | Ordinary    | Did not satisfy     | Coliform bacilli present in 0.01 c.c. in 3 tubes |
| 18/12/44            | 6501       | Accredited  | Satisfied           | No Coliform bacilli present                      |

One of the samples from a local producer was submitted for Biological Examination and was reported upon as giving no evidence of Tuberculosis.

*Meat and other Foods—Inspections.*

|                 |   |   |   |   |   |
|-----------------|---|---|---|---|---|
| Slaughterhouses | - | - | - | - | 4 |
|-----------------|---|---|---|---|---|

Fifteen visits to slaughterhouses were made during the year although only two slaughterhouses are used occasionally for the slaughter of pigs under the Ministry of Food Self Producer Scheme.

*Unsound Food.*

The following foods were found to be unfit for human consumption and were surrendered :—

- 172 lbs. Forequarter Beef.
- 110 lbs. Trimmings forequarter and hindquarter home-killed Beef.
- 21½ lbs. Boneless hindquarter imported Beef.
- 6 lbs. 2oz. Loin Pork (U.S.A.)
- 3 lbs. 13 oz. part Leg English Lamb.
- 10 lbs. Ham.
- 36½ lbs. Bacon.
- 23 lbs. Fore-end Bacon.
- 12 lbs. Sausages.
- 228 lbs. Peas
- 16 lbs. Biscuits.
- 2 Boxes Fish (2 cwt.)
- 3 Boxes Dogfish.
- 3 Boxes Skate (Roker) 30 stone.
- 10 x 12 oz. tins Chopped Ham.
- 3 x 2½ lbs. tins Pork Luncheon Meat.
- 3 x 6 lbs. tins Pork Luncheon Meat.
- 3 x 12 oz. tins Pork Luncheon Meat.
- 3 x 12 oz. tins Minced Beef.
- 4 x 16 oz. tins Stewed Steak.
- 1 x 12 oz. tin Treat.
- 4 x '½' Grade 1 Salmon.
- 3 x '1' tin Grade 3 Salmon.
- 11 x 15 oz. tins Pilchards.
- 1 x '1' tins Mackerel.
- 20 x 4½ oz. tins Sardines.
- 6 x 3¼ oz. tins Sardines.
- 2 x 7 oz. tins Herrings.
- 10 x 7 oz. tins Shrimps.
- 8 tins Condensed Milk.
- 7 x 6 pint tins Condensed Milk.
- 6 x 1¾ pint tins Full Cream Condensed Milk (Sweetened).
- 2 x '1' tins Full Cream Condensed Milk.
- 4 x 13 oz. tins Evaporated Milk.
- 2 x 14 oz. tins Evaporated Milk.
- 2 x 4 pint tins Evaporated Milk.
- 3 x ½ lb. tins Soup.
- 4 x '1' tins Baked Beans.
- 1 x 8 oz. tin Baked Beans.
- 1 x '1' tin Haricot Beans.
- 2 tins Peas.
- 6 x 2½ lbs. tins Plums.
- 6 x 1½ lbs. tins Raspberry Jam.
- 1 x 2 lbs. tin Grapefruit Marmalade.



# Prevalence of, and Control over Infectious and other Diseases.

## Notifiable Diseases.

|                           | TOTAL | Under 1 year | 1-5 years | 5-14 years | 14-21 years | 21-65 years | over 65 years | Admitted to Hospital | Deaths |
|---------------------------|-------|--------------|-----------|------------|-------------|-------------|---------------|----------------------|--------|
| Small-pox                 | 0     |              |           |            |             |             |               |                      | 0      |
| Diphtheria                | 6     |              |           | 3          | 2           | 1           |               | 6                    | 0      |
| Scarlet Fever             | 17    |              | 6         | 10         |             |             |               | 17                   | 0      |
| Erysipelas                | 1     |              |           |            |             | 1           |               | 1                    | 0      |
| Enteric Fever             | 0     |              |           |            |             |             |               |                      | 0      |
| Cerebro-spinal Meningitis | 1     |              |           | 1          |             |             |               | 1                    | 0      |
| Acute Polio-myelitis      | 0     |              |           |            |             |             |               |                      | 0      |
| Ophthalmia Neonatorum     | 0     |              |           |            |             |             |               |                      | 0      |
| Puerperal Pyrexia         | 0     |              |           |            |             |             |               |                      | 0      |
| Dysentery (Sonne)         | 5     |              | 1         | 1          | 1           | 2           |               |                      | 0      |
| Acute primary Pneumonia   | 9     |              | 1         | 1          | 1           | 3           | 3             |                      | 3      |
| Measles                   | 8     | 1            | 1         | 4          |             | 2           |               |                      | 0      |
| Whooping Cough            | 79    | 7            | 42        | 27         | 1           | 2           |               |                      | 0      |
| Jaundice (Hepatitis)      | 19    |              | 1         | 4          | 6           | 6           | 2             | 1                    | 0      |

|                   | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever     | 2       | 1        | 4     | 2     |     | 2    | 1    | 1      | 4         |         |          |          |
| Measles           | 8       | 1        |       |       |     |      | 6    | 1      |           |         |          |          |
| Whooping Cough    | 79      | 3        | 10    | 7     | 24  | 12   | 14   | 7      | 1         | 1       | 1        |          |
| Dysentery (Sonne) |         |          |       |       |     |      |      |        |           |         |          |          |
| Jaundice          |         |          |       |       |     |      |      |        |           |         |          |          |

### Scabies.

All cases are now treated at the Gas Cleansing Section of the First Aid Post situated at the rear of the Council Offices, by Civil Defence Workers.

A total of 118 cases was treated during the year together with 60 contacts.

#### Adults

50 (plus 36 contacts)  
And from other districts.

#### Children

38 (plus 20 contacts)  
30 Cases plus 4 contacts.

## Diphtheria Prophylaxis.

|                                                                                              | Age under<br>5 years. | Aged 5<br>years and<br>over, but<br>under 15. | Total. |
|----------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|--------|
| Number of children who completed<br>the full course of immunisation<br>during the year ..... | 129                   | 126                                           | 255    |
| Percentage of the child population<br>considered immunised at 31/12/44.                      | 91                    | 85                                            |        |

*Insulin.*

During 1944, four persons were supplied with Insulin free of cost.  
One person was supplied with it at half cost.



## Bishop's Stortford.

### *Water.*

The supply from the Pumping Station proved insufficient during the summer and an 8in. diameter trial bore, 250ft. in depth was sunk in the Council Depot in August, 1944. Owing to serious water shortage, pumping plant and a pump house were erected and the supply has been in use through pipes laid overground to pumping main discharging it into a reservoir. The yield from this bore has been approximately 18,000 gallons per hour.

The water supply in the area through being augmented by the water from the trial bore is now satisfactory in quantity and in quality. Bacteriological examinations were made of the raw water from the trial bore over a period of continuous pumping for a fortnight, and were satisfactory. All the water supply is treated by chlorination. Chemical and bacteriological tests are made each quarter, and the results indicate that the water is wholesome and entirely satisfactory.

Of the 3333 dwelling houses in the district, those not supplied from public mains are: Thorley area, 28 (note application was made to the Ministry in connection with this area in 1939, and approval given to the extension of mains. The work however was stopped at the outbreak of war).

Five houses, Golf Links, supplied from private supply owned by Golf Club.

Four houses at extreme West of district supplied by water from mains of the Dunmow Rural Council.

Twenty houses on boundary of district supplied by private wells.

One house at the Railway Station. Water supplied from Railway Company.

All public supplies are direct to houses. There are no standpipe supplies.

### *Drainage and Sewerage.*

No alterations took place to the public sewerage system.

### *Public Cleansing.*

Refuse is disposed of by tipping.

## Particulars of Sanitary Inspector's work during the year.

### *Inspection of District.*

|                                                                                  |      |
|----------------------------------------------------------------------------------|------|
| <i>Total number of visits</i> - - - - -                                          | 1875 |
| Dwelling houses inspected for Housing Defects -                                  | 138  |
| Re-visits to dwelling-houses including works in progress                         | 300  |
| Premises inspected on complaint for nuisances other than Housing Defects - - - - | 52   |
| Re-visits to premises where a nuisance was found to exist                        | 79   |
| Special and miscellaneous visits - - -                                           | 232  |
| Interviews with owners, etc., at properties - -                                  | 65   |
| Visits re Infectious Disease - - - -                                             | 81   |
| Visits re Scabies, etc. - - - -                                                  | 41   |
| Visits to Slaughterhouses - - - -                                                | 53   |
| Visits to Dairies, Cowsheds, etc. - - -                                          | 104  |
| Visits to Bakehouses - - - -                                                     | 37   |
| Visits to Butchers' Shops - - - -                                                | 48   |
| Visits to Fish Shops - - - -                                                     | 21   |
| Visits to Cafes and Restaurants - - -                                            | 51   |
| Visits to other Food Shops, Stores, etc. - -                                     | 127  |
| Visits to Markets - - - -                                                        | 68   |
| Visits to Factories - - - -                                                      | 64   |
| Visits to Workplaces, Offices and Shops - -                                      | 32   |
| Visits re Petroleum Acts - - - -                                                 | 14   |
| Visits re Building Byelaws - - - -                                               | 82   |
| Visits to Rat Infested premises - - - -                                          | 12   |
| Visits to Stables and Piggories - - - -                                          | 5    |
| Visits to Schools - - - -                                                        | 10   |
| Visits to Moveable Dwellings - - - -                                             | 17   |
| Visits to Council Houses (overcrowding, etc.) -                                  | 142  |

### *Complaints and Matters referred.*

|                                                           |     |
|-----------------------------------------------------------|-----|
| Complaints received - - - -                               | 265 |
| Complaints investigated - - - -                           | 180 |
| Complaints referred to other Departments & Authorities    | *92 |
| Other matters referred to other Departments & Authorities | 58  |

\* Including 74 complaints of infestation by either rats or mice.

### *Testing of Drains and Sanitary Fittings.*

|                                      |   |
|--------------------------------------|---|
| Drains tested with water - - - -     | 5 |
| Drains tested by other means - - - - | 3 |



*Notices served and the result of the service of such notices.*

| Preliminary Notices.                          | No. served. | No. complied with. |
|-----------------------------------------------|-------------|--------------------|
| (a) Dwelling houses for Housing Defects       | 121         | 118                |
| (b) Premises for other than Housing Defects   | 25          | 32                 |
| (c) Special premises (shops, factories, etc.) | 41          | 41                 |
| Statutory Notices.                            | No. served. | No. complied with. |

*Housing Act.*

Section 9, to render a house fit for human habitation - - - - -

5 3

*Public Health Act, 1936.*

Section 75, to provide a suitable covered dustbin - - - - -

5 6

Section 93, to abate a nuisance at a dwelling house - - - - -

2 2

Section 93, to prevent the omission of noxious effluvia - - - - -

1 1

Section 163, to abate a smoke nuisance - - - - -

1 1

Section 287, to enter premises - - - - -

1 -

N.B.—The number of Notices complied with may include notices outstanding from a previous year.

*Summary of Sanitary Improvements effected.*

|                                                              | At dwelling houses | At Special Premises | At various premises for other than Housing Defects. |
|--------------------------------------------------------------|--------------------|---------------------|-----------------------------------------------------|
| Drainage systems repaired, unstopped, etc. -                 | 22                 | 5                   | 1                                                   |
| Water Closets repaired, screened, etc. -                     | 9                  | 9                   | 0                                                   |
| Water Closets reconstructed or new provided                  | 1                  | 1                   | 0                                                   |
| Dampness remedied (roofs, gutters, etc., repaired) - - - - - | 37                 | 0                   | 0                                                   |
| Floors repaired - - - - -                                    | 26                 | 7                   | 0                                                   |
| Sink and waste pipes renewed or repaired -                   | 3                  | 1                   | 0                                                   |
| Premises cleansed - - - - -                                  | 0                  | 17                  | 0                                                   |
| Rooms cleansed - - - - -                                     | 14                 | 0                   | 0                                                   |
| Overcrowding abated - - - - -                                | 0                  | 0                   | 4                                                   |
| Smoke nuisances abated - - - - -                             | 0                  | 2                   | 0                                                   |
| Accumulations removed - - - - -                              | 0                  | 3                   | 10                                                  |
| Dustbins provided - - - - -                                  | 55                 | 5                   | 0                                                   |
| Use of Moveable Dwellings discontinued -                     | 0                  | 0                   | 4                                                   |
| Miscellaneous - - - - -                                      | 26                 | 4                   | 4                                                   |

*Disinfection and Disinfestation.*

|                                 | Rooms disinfected<br>with Formaldehyde<br>Lamps. | Parcels of bedding<br>passed through<br>Steam Disinfector. | Houses disinfected<br>with Zaldecide and<br>Sulphur candles. | Houses disinfected<br>with Zaldecide. | Parcels of bedding,<br>etc., destroyed. | 4oz. tins of IZAL<br>issued. | 1 pt. bottles of<br>Zaldecide issued. |
|---------------------------------|--------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------|-----------------------------------------|------------------------------|---------------------------------------|
| Following infectious Disease    | 39                                               | 3                                                          | .....                                                        | .....                                 | .....                                   | 55                           | .....                                 |
| Following Scabies, Lice, etc.   | .....                                            | 9                                                          | .....                                                        | .....                                 | .....                                   | 11                           | .....                                 |
| Following other diseases        | 2                                                | 4                                                          | .....                                                        | .....                                 | 1                                       | 4                            | .....                                 |
| Following vermin infestation at |                                                  |                                                            |                                                              |                                       |                                         |                              |                                       |
| (a) Council Houses              | .....                                            | 1                                                          | .....                                                        | 1                                     | .....                                   | .....                        | 2                                     |
| (b) Other Houses                | .....                                            | .....                                                      | 2                                                            | 8                                     | 1                                       | .....                        | 17                                    |
| TOTALS                          | 41                                               | 17                                                         | 2                                                            | 9                                     | 2                                       | 20                           | 19                                    |

*Inspection and Supervision of Food.**Milk Supplies.*

The most notable local development during the course of the year under review in connection with the dairy industry of the district was the commencement of retail trade and deliveries from the new dairy in Hallingbury Road.

Formerly used as a Centralised Slaughterhouse, the property has been converted into a modern dairy containing the very latest equipment and serves the major part of the Urban District, having absorbed the milk rounds of a considerable number of dairymen. Unfortunately the dairy commenced to operate during one of the hottest spells of the year and the turnover to bulk handling combined with unskilled labour difficulties was followed by innumerable complaints about the poor keeping qualities of the milk, a condition largely remedied by prompt transfer of the milk from farm to dairy, reduction of time lag between production and distribution and full use of the cold storage facilities. Later complaints concerning a scale upon the inner surfaces of certain bottles was found to be due to the use of an unsuitable detergent. Pasteurisation of all supplies except that intended for sale as Tuberculin Tested Milk was commenced early in November and did not pass without difficulty. Adjustment of the plant and the application of colour tests being necessary before samples of the treated milk would with any regularity satisfy the Phosphatase test.



The results of the milk samples obtained from all sources are listed below and it will be observed that the graded supplies were reasonably satisfactory after discontinuing the unsatisfactory pasteurised results which were obtained during the time that the new plant was undergoing tests. There is, of course, no statutory standard for the ungraded supplies, and it is therefore natural that a higher percentage of failures should be shown in this class when judged by the accredited standard. All unsatisfactory reports upon raw milk were followed up to the source of production, particulars being forwarded to the officer concerned when the farm was situated outside the Urban District.

| Nature of Registration.                             | No.<br>Registered. | No. selling<br>Accredited. | Designated Milk.<br>T.T. | Pasteurised. |
|-----------------------------------------------------|--------------------|----------------------------|--------------------------|--------------|
| Producer Retailers and/or<br>Wholesalers - -        | 6                  | 4                          | 0                        | 0            |
| Retail Purveyors resident<br>in the district - -    | 3                  | 0                          | 2                        | 2            |
| Retail Purveyors resident<br>outside the district - | 2                  | 1                          | 0                        | 0            |

| Designation (if any).             | No. of<br>Samples taken. | No.<br>Satisfactory. | No.<br>Unsatisfactory. |
|-----------------------------------|--------------------------|----------------------|------------------------|
| <i>Produced in District.</i>      |                          |                      |                        |
| Ungraded - -                      | 8                        | 3                    | 5                      |
| Accredited - -                    | 24                       | 23                   | 1                      |
| Pasteurised - -                   | 29                       | 12                   | 17                     |
| <i>Produced outside District.</i> |                          |                      |                        |
| Ungraded - -                      | 15                       | 10                   | 5                      |
| Accredited - -                    | 5                        | 3                    | 2                      |
| Tuberculin Tested -               | 7                        | 6                    | 1                      |
| Pasteurised - -                   | 2                        | 1                    | 1                      |

(21 of the samples produced in the district were obtained by officers of other Authorities, the remaining 69 produced in and out of the district were obtained by the Department),

#### *Meat and other Food Inspection.*

Frequent visits were made during the year to all food premises coming within the scope of the Food & Drugs Act, 1938, and although a general deterioration of equipment, furniture and structural condition was more noticeable, the standard of cleanliness continued at a reasonably high level.

The number of animals slaughtered was very low compared with recent years and consisted mainly of goats and home-consumption pigs,

the former being prepared for use at catering establishments. Food-stuffs other than meat found unfit for human consumption were about the average for a war-time year.

### Carcases Inspected and Condemned.

|                                                                                       | Calves. | Sheep<br>and<br>lambs. | Pigs. | Goats. |
|---------------------------------------------------------------------------------------|---------|------------------------|-------|--------|
| Number inspected - - - -                                                              | 1       | 1                      | 77    | 64     |
| <i>All diseases except Tuberculosis</i>                                               |         |                        |       |        |
| Whole carcasses condemned - -                                                         | 0       | 0                      | 0     | 0      |
| Carcasses of which some part or organ was condemned - -                               | 0       | 1                      | 1     | 0      |
| Percentage of number inspected affected with diseases other than Tuberculosis - - - - | 0       | 100.0                  | 1.29  | 0      |
| <i>Tuberculosis only.</i>                                                             |         |                        |       |        |
| Whole carcasses condemned - -                                                         | 0       | 0                      | 0     | 0      |
| Carcasses of which some part or organ was condemned - -                               | 0       | 0                      | 2     | 0      |
| Percentage of number inspected affected with Tuberculosis -                           | 0       | 0                      | 2.59  | 0      |

### Details of Foodstuffs found unfit for Human Consumption.

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Corned Beef - - 7 x 12 oz tins   | Meat & Veg. Stew - 76 x A1T tins    |
| " " - - 16 x 6 lb. "             | " " - 1 x A2 "                      |
| Corned Pork - - 9 x 6 lb. "      | Soup - - 38 x A1 "                  |
| Pork Sausage - - 2 x 1½ lb. "    | " - - 14 x A1T "                    |
| Chopped Ham - - 16 x 12 oz. "    | Baked Beans - - 28 x 8 oz. "        |
| " " - - 4 x 2½ lb. "             | " " - 3 x 1A "                      |
| " " - - 5 x 6 lb. "              | " " - 124 x A1T "                   |
| Pork Luncheon Meat 36 x 12 oz. " | " " - 3 x A2 "                      |
| " " " 22 x 2½ lb. "              | Peas - - 2 x A1T "                  |
| " " " 13 x 6 lb. "               | " - - 7 x A2 "                      |
| Brisket Beef - - 4 x 4 lb. "     | Carrots - - 1 x A2 "                |
| Tongue - - 1 x 7 lb. "           | Grade I. Salmon - 1 x ½ lb. "       |
| Rabbit - - 1 x 2 lb. "           | " " - 111 x 1 lb. "                 |
| Grade III. Salmon 145 x 1 lb. "  | Grade III. Salmon - 14 x ½ lb. "    |
| Pilchards - - 10 x 5 oz. "       | Mincemeat - - 3 x 1 lb. jars        |
| " - - 2 x 8 oz. "                | Sandwich Spread, etc. 32 x 4½ oz. " |
| " - - 108 x 15 oz. "             | " " 6 x 6 oz. "                     |
| Mackerel - - 15 x 15 oz. "       | " " 1 x 8 oz. "                     |
| Herrings - - 14 x 7 oz. "        | " " 4 x 16 oz. "                    |
| " - - 18 x 16 oz. "              | Meat & Fish Paste - 46 x Small "    |
| Sardines - - 27 x 3¼ oz. "       | " " 112 x Large "                   |
| Shrimps - - 4 x 7 oz. "          | Flour - - 27½ lbs.                  |
| Crayfish - - 2 x 8 oz. "         | Rice - - 42 lbs.                    |
| Apples - - 10 x 26 oz. "         | Vanilla Powder - 44 lbs.            |
| " - - 1 x 105 oz. "              | Pearl Barley - 112 lbs.             |



|                 |   |   |   |                |    |                      |   |   |          |
|-----------------|---|---|---|----------------|----|----------------------|---|---|----------|
| Figs            | - | - | - | 1 x 41T        | .. | Mixed Cereals        | - | - | 54bs.    |
| Oranges         | - | - | - | 1 x 11 oz.     | .. | Oatmeal              | - | - | 70 lbs.  |
| Pineapple Cubes | - | - | - | 2 x 51         | .. | Dried Beans          | - | - | 30 lbs.  |
| Plums           | - | - | - | 39 x 42½       | .. | Tea                  | - | - | 16½ lbs. |
| Jam             | - | - | - | 8 x 1 lb.      | .. | Dried Prunes         | - | - | 36 lbs.  |
| "               | - | - | - | 40 x 1½ lb.    | .. | Dried Apple Rings    | - | - | 5 lbs.   |
| "               | - | - | - | 24 x 2 lb.     | .. | Cheese               | - | - | 50 lbs.  |
| Marmalade       | - | - | - | 4 x 1 lb.      | .. | Fish                 | - | - | 539 lbs. |
| "               | - | - | - | 1 x 1½ lb.     | .. | Tripe                | - | - | 32 lbs.  |
| "               | - | - | - | 10 x 2 lb.     | .. | Raisins              | - | - | 168 lbs. |
| Lemon Cheese    | - | - | - | 1 x 1 lb.      | .. | Bacon                | - | - | 44 lbs.  |
| Evaporated Milk | - | - | - | 75 x 14½ oz.   | .. | Kosher Meat          | - | - | 32½ lbs. |
| Skimmed Milk,   |   |   |   |                |    | Sausage Meat         | - | - | 4 lbs.   |
| Sweetened       | - | - | - | 6 x 1½ pt.     | .. | Eggs                 | - | - | 459      |
| Condensed Milk  |   |   |   |                |    | Fishcakes            | - | - | 72       |
| Sweetened       | - | - | - | 24 x 1½ pt.    | .. | Meat Pies            | - | - | 12       |
| Household Milk  | - | - | - | 2 x 4 pt.      | .. | Various Packets:     |   |   |          |
| Biscuits        | - | - | - | 1 large tin    | .. | Wheat Flakes, Baking |   |   |          |
| Pickles         | - | - | - | 4 x 10 oz jars | .. | Powder, Beef Cubes,  |   |   |          |
| Marmalade       | - | - | - | 6 x 1 lb.      | .. | etc.                 | - | - | 861      |
| "               | - | - | - | 3 x 2 lb.      | .. | Sows Legs (4)        | - | - | 108 lbs. |
| Jam             | - | - | - | 6 x 1 lb.      | .. | Pigs Heads (2)       | - | - | 19 lbs.  |
| "               | - | - | - | 2 x 2 lb.      | .. | Sheep's Liver and    |   |   |          |
|                 |   |   |   |                |    | Trimmings            | - | - | 5 lbs.   |

### General.

The condition of the house property in the district still continued to deteriorate and with the further withdrawal of labour during the latter half of the year, it was only possible to secure the execution of the more essential repairs. A very heavy programme of repairs and re-conditioning is therefore steadily accumulating and will have to be met by the majority of small property owners in the early post-war period.

Of the general nuisances which required abatement, the most objectionable arose from the treatment and storage of salvaged grain and seeds. Informal action did not secure a satisfactory result and the issue of statutory notices and approaches to the Ministry of Food were necessary before the nuisance was abated.

The smoke nuisances which occurred during the year at two premises in the district were found to be due to the inability of the stokers to fire with their usual skill the unsuitable fuel supplied by the Ministry of Supply. The Ministry of Fuel and Power were consulted and advice given and visits made by the Officer for this area.

The occupation of breadvans and pantechnicons for sleeping purposes which were not provided with readily accessible water supply and sanitary accommodation called for action and resulted in the abandonment of four such dwellings.

# Prevalence of, and Control over Infectious and other Diseases.

## Notifiable Diseases.

|                           | Total | Under 1 year | 1-5 years | 5-14 years | 14-21 years | 21-65 years | over 65 years | Admitted to Hospital | Deaths |
|---------------------------|-------|--------------|-----------|------------|-------------|-------------|---------------|----------------------|--------|
| Small-pox                 | 0     |              |           |            |             |             |               |                      | 0      |
| Diphtheria                | 1     |              |           |            |             | 1           |               |                      | 1      |
| Scarlet Fever             | 43    |              | 8         | 29         | 1           | 5           |               | 21                   | 0      |
| Erysipelas                | 8     |              |           | 1          |             | 6           | 1             | 1                    | 0      |
| Enteric Fever             | 1     |              |           |            |             | 1           |               | 1                    | 1      |
| Cerebro-spinal Meningitis | 0     |              |           |            |             |             |               |                      | 0      |
| Acute Polio-myelitis      | 0     |              |           |            |             |             |               |                      | 0      |
| Ophthalmia Neonatorum     | 1     | 1            |           |            |             |             |               |                      | 0      |
| Puerperal Pyrexia         | 7     |              |           |            | 3           | 4           |               | 6                    | 0      |
| Dysentery (Sonne)         | 26    | 1            | 4         | 6          | 13          | 2           |               | 5                    | 0      |
| Acute primary Pneumonia   | 12    |              | 1         | 3          |             | 7           | 1             | 3                    | 0      |
| Measles                   | 7     |              | 5         | 1          | 1           |             |               | 2                    | 0      |
| Whooping Cough            | 100   | 7            | 45        | 46         | 2           |             |               | 13                   | 0      |
| Jaundice (Hepatitis)      | 0     |              |           |            |             |             |               |                      | 0      |

|                   | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever     | 2       | 1        | 5     | 1     | 1   | 1    | 2    | 6      | 3         | 4       | 4        | 13       |
| Measles           |         |          |       |       | 2   |      |      | 3      |           | 1       |          | 1        |
| Whooping Cough    |         |          | 4     | 8     | 7   | 21   | 30   | 21     | 8         |         |          | 1        |
| Dysentery (Sonne) |         | 15       | 6     |       |     |      |      |        |           |         |          | 5        |
| Jaundice          |         |          |       |       |     |      |      |        | 1         |         |          |          |

\* Includes 1 Non-civilian.

" Removed to Hospital " includes cases notified from Hospitals.



*Scarlet Fever and Diphtheria.*

|                      | Scarlet<br>Fever. | Diph-<br>theria. |                       | Scarlet<br>Fever. | Diph-<br>theria. |
|----------------------|-------------------|------------------|-----------------------|-------------------|------------------|
| Northgate School     | 8                 | 0                | Evacuee Schools       | 4                 | 0                |
| St. Michaels School  | 1                 | 0                | Pre-school            | 9                 | 0                |
| Herts & Essex School | 3                 | 0                | Adults                | 5                 | 1                |
| Hockerill School     | 7                 | 0                | Nursery Schools, etc. | 1                 | 0                |
| St. Joseph's School  | 0                 | 0                | B/Stortford College   | 4                 | 0                |
|                      |                   |                  | St. Mary's Convent    | 1                 | 0                |

*Diphtheria Prophylaxis.*

|                                                                                              | Age under<br>5 years. | Aged 5<br>years and<br>over, but<br>under 15. | Total. |
|----------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|--------|
| Number of children who completed<br>the full course of immunisation<br>during the year ..... | 129                   | 10                                            | 139    |
| Percentage of the child population<br>considered immunised at 31/12/44.                      | 59%                   | 95%                                           |        |

*Scabies.*

Details are shown below of the number of persons given benzyl benzoate treatment by the District Nurses and full-time members of the Civil Defence Organisation either at the Gas Cleansing Stations in Church Street or the patient's home.

| Residents of Bishop's Stortford, |                |   |             |    |                |    | Residents of other districts. |   |             |   |                |   |               |
|----------------------------------|----------------|---|-------------|----|----------------|----|-------------------------------|---|-------------|---|----------------|---|---------------|
| No of Applications               | Under 5 years. |   | 5-14 years. |    | Over 14 years. |    | Under 5 years.                |   | 5 14 years. |   | Over 14 years. |   | Total Treated |
|                                  | M              | F | M           | F  | M              | F  | M                             | F | M           | F | M              | F |               |
| 1                                | 1              | 1 | 5           | 2  | 4              | 8  | 0                             | 0 | 0           | 0 | 0              | 0 | 21            |
| 2                                | 4              | 8 | 11          | 22 | 5              | 36 | 1                             | 0 | 2           | 2 | 4              | 7 | 102           |

*Insulin.*

During 1944, five persons were supplied with Insulin free of cost.

## Ware Urban District.

### *Water Supply.*

The quantity of water pumped has been satisfactory, but consideration was given during the year to the necessity of replacing the existing electrically driven three-throws pumps at the Lower Waterworks Pumping Station, Musley Lane, by vertical spindle borehole pumps; in view of the serious drop in water levels at that station.

The recommendations made to the Council were adopted and tenders for the necessary plants were received towards the end of the year.

Bacteriological Examination of the Water Supply was satisfactory: Nine samples were analysed (6 of them in the last quarter), and arrangements have since been made for two examinations to be made per month, one from the Water tower supply and one from the Reservoir supply. Two chemical analyses were made in December and proved satisfactory.

No bacteriological examinations were made of the raw water. No treatment is undertaken other than chlorination.

There are still a few stand pipes in existence in the town.

### *Drainage and Sewerage.*

Practically the whole District is sewered.

The Sewage Disposal Farm is situate at Rye House, about  $3\frac{1}{2}$  miles S.S.E. of Ware, and practically adjoining the Hoddesdon Urban District Boundary, and is within the Ware Rural District.

The Farm is bounded for about half its length on the western side by the River Lee, and is practically surrounded, for the remaining portion, by ditches, with the River Stort flowing along its southern boundary. Most of the ditches have been cleaned out during the past twelve months.

The greater portion of the land used solely for sewage disposal (nearly 30 acres out of the total of 36 acres) lies in the northern half of the Farm and is surrounded by grazing or cultivated land, except on its northern boundary, upon which portion no sewage is allowed to flow.



Distribution of sewage is carried out by means of overground concrete troughs, from which the sewage flow can be discharged at various points as desired.

The drainage from the boundary ditches, passes under the River Stort and enters the River Lee.

It is estimated that the sewage is dealt with as follows:—

- (a) On land solely devoted to sewage - - 7/12ths. of flow on 36 acres.
- (b) On cultivated land - - 5/12ths. of flow on 50½ acres.

The construction of a small underground sump and pumping station at Crane Mead was completed at the beginning of 1944, for dealing with the flow of sewerage from the south eastern portion of the town; which is mostly industrial in character.

*Particulars of Sanitary Inspector's Work.*

| <i>Summary of Visits.</i>                     | <i>Number.</i> |
|-----------------------------------------------|----------------|
| Slaughterhouses - - - - -                     | 395            |
| Food Premises - - - - -                       | 75             |
| Cowsheds and Dairies- - - - -                 | 47             |
| Laboratory - - - - -                          | 38             |
| Sewers and Drains, etc. - - - - -             | 102            |
| Infectious Disease - - - - -                  | 17             |
| Scabies, etc. - - - - -                       | 19             |
| Verminous and filthy premises, etc. - - - - - | 28             |
| Overcrowding - - - - -                        | 14             |
| Housing Repair and generally - - - - -        | 51             |
| Sundry nuisances - - - - -                    | 67             |
| Smoke abatement - - - - -                     | 7              |
| Rats and Mice - - - - -                       | 22             |
| Factories - - - - -                           | 12             |
| Sundry complaints - - - - -                   | 6              |
|                                               | <hr/>          |
|                                               | 900            |
|                                               | <hr/>          |

*Public Health Act, 1936.**Sewers and Drains.**Sewers.*

|                                           | No. | Visits. |
|-------------------------------------------|-----|---------|
| (1) Examinations and obstructions removed | 13  | 28      |

*Drains.*

|                                           |   |   |
|-------------------------------------------|---|---|
| (1) Examined and obstructions removed -   | 4 | 8 |
| (2) Renewed and access chamber provided - | 1 | 4 |
| (3) Examined, no nuisance found - -       | 4 | 5 |
| (4) Manhole cover and frame renewed -     | 1 | 3 |

*Water Courses.*

|                                 |   |   |
|---------------------------------|---|---|
| (1) Ditch—Nuisance abated - - - | 1 | 4 |
|---------------------------------|---|---|

*Sanitary Fittings.*

|                                                                         |    |    |
|-------------------------------------------------------------------------|----|----|
| (1) W.C. pan, soil and vent pipe connected to existing drain - - -      | 1  | 1  |
| (2) Manhole cover and frame renewed -                                   | 1  | 3  |
| (3) Water Closets inspected & found in order                            | 17 | 17 |
| (4) Water Closets inspected & found choked                              | 1  | 1  |
| (5) Water Closet, new seat fixed - -                                    | 1  | 2  |
| (6) „ „ „ pan renewed - - -                                             | 4  | 8  |
| (7) „ „ „ flush pipe joint remade -                                     | 3  | 3  |
| (8) „ „ „ water services repaired -                                     | 1  | 2  |
| (9) „ „ „ flushing cisterns adjusted                                    | 2  | 2  |
| (10) Sink, wastepipes repaired & renewed, etc.                          | 4  | 7  |
| (11) Insanitary W.C. pan, sinks awaiting renewal                        | 2  | 2  |
| (12) Sanitary accommodation inadequate, outstanding (Drill Hall). - - - | 1  | 4  |
| (13) Chemical closet inspected and found in order - - - - -             | 1  | 1  |

*Nuisances and Sundry Repairs.*

|                                                               |    |    |
|---------------------------------------------------------------|----|----|
| Roofs repaired - - - - -                                      | 35 | 25 |
| Gutters and down-pipes repaired - - -                         | 4  | 5  |
| Ceilings repaired - - - - -                                   | 1  | 1  |
| Walls--defective plaster removed and patent boarded - - - - - | 1  | 1  |
| Walls--plaster repaired - - - - -                             | 1  | 1  |
| Windows repaired . - - - -                                    | 2  | 2  |



|                                     |   |   |   |   |     |    |
|-------------------------------------|---|---|---|---|-----|----|
| Staircases repaired                 | - | - | - | - | 2   | 2  |
| Floors renewed and repaired         | - | - | - | - | 11  | 11 |
| Dustbins provided                   | - | - | - | - | 7   | 10 |
| „ —salvage, found no nuisance       | - | - | - | - | —   | 3  |
| Offensive accumulations removed     | - | - | - | - | 3   | 8  |
| Fly nuisance abated                 | - | - | - | - | 3   | 19 |
| Keeping of animals, nuisance abated | - | - | - | - | 1   | 2  |
| Council's controlled Tip            | - | - | - | - | 1   | 3  |
| No nuisance found (complaints)      | - | - | - | - | 4   | 10 |
| Tents, vans and sheds               | - | - | - | - | 1   | 1  |
| Sundry inspections                  | - | - | - | - | 3   | 6  |
| Meeting owner, builder, etc.        | - | - | - | - | —   | 7  |
| Outstanding items                   | - | - | - | - | 3   | 4  |
| Complaints received as to nuisances | - | - | - | - | 171 | —  |

*Smoke Abatement.*

|                               | No. | Visits |
|-------------------------------|-----|--------|
| Number of complaints received | 2   | 2      |
| „ „ observations              | 2   | 2      |
| „ „ visits to factory         | 3   | 3      |

*Infectious and Notifiable Diseases, etc.*

|                          |   |   |
|--------------------------|---|---|
| (1) Scarlet Fever        | — | 5 |
| (2) Diphtheria           | — | 1 |
| (3) Tuberculosis         | — | 8 |
| (4) Small-pox (contacts) | — | 3 |

*Filthy and Verminous Premises or Articles.**Bugs—Houses Disinfested.*

|                                                 |   |   |
|-------------------------------------------------|---|---|
| (1) Spray with “Zaldecide” by Council           | 3 | 6 |
| (2) Walls creosoted and distempered by occupier | 1 | 2 |
| (3) Walls sprayed with “Zaldecide” by occupier  | 2 | 4 |
| (4) Walls sprayed with “Flit” by occupier       | 1 | 3 |
| (5) Verminous bedding “stoved”                  | 1 | 1 |
| (6) No trace found                              | 7 | 8 |

*Fleas.*

|                       |   |   |
|-----------------------|---|---|
| (1) Bedding inspected | 1 | 1 |
|-----------------------|---|---|

|                      |   |   |
|----------------------|---|---|
| <i>Filthy Houses</i> | 1 | 3 |
|----------------------|---|---|

*Housing Act, 1936.**Overcrowding.*

|                     |    |   |
|---------------------|----|---|
| Houses visited      | 12 | — |
| No overcrowding     | 5  | 5 |
| Slight overcrowding | 1  | 1 |
| Overcrowded         | 5  | 7 |
| Overcrowding abated | 1  | 1 |

There are no available statistics of the position, but undoubtedly other cases will be discovered when the Council consider applications for Council houses.

#### *Housing.*

Miscellaneous inspections.

#### *Circular 2156.*

Licences authorising the temporary occupation of the following houses were again extended,

|                            |                          |
|----------------------------|--------------------------|
| No. 4, The Bourne, Ware.   | No. 8 Crib Street, Ware. |
| No. 32, Crib Street, Ware. |                          |

#### *Housing Sites.*

Tenders were accepted by the Council, through the Luton Group Engineer, and approved by the Ministry of Health, for the construction of roads, sewers and watermains under the scheme for the advance preparation of Housing Sites.

#### *Rats and Mice Destruction.*

|                                                         | Visits. |
|---------------------------------------------------------|---------|
| Complaints passed to County Pests Officer for attention | 27      |
| Number of visits - - - - -                              | 22      |

#### *Factories Act, 1937.*

|                                           |    |
|-------------------------------------------|----|
| Factories with mechanical power - - - - - | 12 |
| „ without „ „ - - - - -                   | —  |

#### *Sanitary Conveniences—Defects Found.*

#### *Sanitary Conveniences (Section 7).*

|                                               | Found. | Remedied. |
|-----------------------------------------------|--------|-----------|
| (a) No intervening ventilated space - - - - - | —      | 1         |
| (b) Ventilation inadequate - - - - -          | 1      | 2         |

#### *Inspection and Supervision of Food.*

#### *Milk and Dairies.*

Owing to the very high counts of milk transported long distances for pasteurisation in Ware, the resultant bacterial counts have been frequently as high as 40/60,000, and reached 80,000 per m.l. on one occasion. Laboratory tests carried out by the wholesalers have demonstrated that these high counts are due to thermoduric organisms, which are introduced during production and handling before pasteurisation. It is not surprising therefore that there have been complaints from other districts after the milk has been transported considerable distances that the milk has not conformed to the prescribed standards of "pasteurised" milk. Thirty-eight samples were taken at the wholesalers' premises



and satisfied the phosphatase test, and two samples taken at retailers' premises did not satisfy this test. These failures were due, in my opinion, to the admixture of raw milk.

|                                                                                                                                                                                                                        |         |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|
| Number of routine visits to cowsheds                                                                                                                                                                                   | - - -   | 5  |
| „ „ „ „ „ dairies                                                                                                                                                                                                      | - - -   | 6  |
| „ „ visits for sampling purposes                                                                                                                                                                                       | - - -   | 36 |
| „ „ „ to laboratory with samples                                                                                                                                                                                       | - - -   | 28 |
| „ „ samples submitted for test by Ware U.D.C.                                                                                                                                                                          |         | 89 |
| „ „ „ Pasteurised milk taken on premises direct from plant or churns ready for dispatch, all of which conformed to the prescribed standard                                                                             | - -     | 42 |
| Number of samples of milk pasturised in the district but retailed by other dairies and which conformed to the prescribed standard                                                                                      | - - - - | 4  |
| „ „ samples of milk pasteurised in the district but retailed by other dairies which did not conform to the prescribed standard. (Failure suspected to be due to admixture with raw milk. Not retailed as pasteurised). |         | 2  |
| „ „ samples of Tuberculin Tested milk bottled in district by wholesaler and sampled at their premises, which conformed to the prescribed standard                                                                      | - -     | 17 |
| Number of samples of Tuberculin Tested milk bottled in district by wholesaler and sampled at their premises, which did not conform to the prescribed standard                                                          | -       | 1  |
| Number of samples of Accredited Milk produced in the district and                                                                                                                                                      |         |    |
| (1) sampled by Ware U.D.C. upon delivery at the dealer's premises and which conformed to the prescribed standard                                                                                                       | - - - - | 10 |
| (2) sampled by Herts. County Council at the farm and which conformed to the prescribed standard                                                                                                                        | -       | 5  |
| Number of samples of Accredited Milk produced in the district and                                                                                                                                                      |         |    |
| (1) sampled by Ware U.D.C. upon delivery at the dealers' premises and which did not conform to the prescribed standard                                                                                                 | - - - - | 4  |
| (2) sampled by Herts. County Council at the farm and which did not conform to the prescribed standard                                                                                                                  |         | 1  |
| Number of samples of Undesignated milk produced in the district which conformed to "Accredited" standard                                                                                                               |         | 3  |
| Number of samples of Undesignated milk produced in the district which did not conform to "Accredited" standard                                                                                                         | - - - - | 3  |

|                                                                                                                         |   |   |   |   |   |    |
|-------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|----|
| Number of samples of Undesignated milk produced in the district which gave a Resazurin reading "O" (i.e. Rejected Milk) | - | - | - | - | - | 3  |
| Total number of satisfactory samples                                                                                    | - | - | - | - | - | 76 |
| Total number of unsatisfactory samples                                                                                  | - | - | - | - | - | 13 |

*Summary of milk tests for Ware U.D.C.*

| Grade.                                 | Nature of Tests |              |              |            |           |
|----------------------------------------|-----------------|--------------|--------------|------------|-----------|
|                                        | Resazurin.      | Plate Count. | Phosphatase. | Reductase. | Coliform. |
| <i>"Pasteurised."</i>                  |                 |              |              |            |           |
| Number of samples submitted to test... | —               | 45           | 44           | 7          | 35        |
| Number of samples satisfied test ...   | —               | 45           | 42           | 7          | 35        |
| <i>"Tuberculin Tested."</i>            |                 |              |              |            |           |
| Number of samples submitted to test... | —               | —            | —            | 18         | 18        |
| Number of samples satisfied test ...   | —               | —            | —            | 17         | 18        |
| <i>"Accredited."</i>                   |                 |              |              |            |           |
| Number of samples submitted to test... | —               | —            | —            | 14         | 14        |
| Number of samples satisfied test ...   | —               | —            | —            | 10         | 10        |
| <i>"Undesignated."</i>                 |                 |              |              |            |           |
| Number of samples submitted to test... | 3               | —            | —            | 6          | 6         |
| Number of samples satisfied test ...   | nil             | —            | —            | 3          | 3         |

*Special Bacteriological and Biological Reports.*

Six samples of "Accredited" milk were examined for the presence of blood and mastitis organisms on account of previous trouble during 1943 at one farm in the district. The results were negative.

*Other Foods.*

|                                    |   |   |   |   |    |
|------------------------------------|---|---|---|---|----|
| Number of visits to Food premises  | - | - | - | - | 75 |
| „ „ specimens sent for examination | - | - | - | - | 1  |

The following is an indication of the inspection involved in condemnation or salvage.



*Items Condemned.*

Tinned or Packed Commodities - - - - 124

*Other Foods—*

|                                   |                |
|-----------------------------------|----------------|
| 24 x 2 oz. packets of Chocolate.  | Contaminated.  |
| 48 Yorkshire Pudding Mixtures.    | Mouldy.        |
| 294 lbs. Cured Fish Fillets.      | Decomposition. |
| 833 „ Herrings                    | „              |
| 784 „ Mackerel                    | „              |
| 16 „ Bacon                        | „              |
| 24 „ Pork Sausages                | „              |
| 25 „ Beef (in rail transit)       | „              |
| 7 „ Shredded Suet                 | Mouldy         |
| 27½ „ Margarine (damaged on rail) | Coal dust      |
| 1 Case of Eggs                    | Bad            |

*Salvaged.*

1 Case of eggs which were stale were used by a confectioner.  
 19½ lbs. rancid butter returned for blending.  
 20½ lbs. margarine damaged in transit, also returned for blending.  
 76 lbs. of Toffees damaged in transit returned to manufacturers.

*Meat Inspection at Central Slaughter-House.*

|                                                          | Days.    | Visits.    |
|----------------------------------------------------------|----------|------------|
| Number of weekdays involving duty                        | 244      | 359        |
| Number of Saturday afternoons and Sundays involving duty | 27       | 36         |
| Totals                                                   | 271      | 395        |
|                                                          | Per day. | Per visit. |
| Average hours                                            | 3.0      | 2.06       |
| Number of visits to laboratory with specimens            | —        | 10         |

The number of cattle inspected continues to increase as follows :—

30% increase over 1943 in total number of cattle inspected.

|     |   |   |      |   |   |   |   |        |   |
|-----|---|---|------|---|---|---|---|--------|---|
| 33% | „ | „ | „    | „ | „ | „ | „ | cows   | „ |
| 40% | „ | „ | 1942 | „ | „ | „ | „ | cattle | „ |
| 50% | „ | „ | „    | „ | „ | „ | „ | cows   | „ |

Particulars of the incidence of disease found in animals examined is given in Table A.

About 36 tons of meat and offals (excluding tripes, intestines and trimmings) were condemned during the year.

Table A.

|                                                                                   | Cattle<br>excluding<br>cows. | Cows. | Calves | Sheep<br>and<br>Lambs. |      |
|-----------------------------------------------------------------------------------|------------------------------|-------|--------|------------------------|------|
| <i>Number Slaughtered.</i>                                                        |                              |       |        |                        |      |
| (a) From Collection Centres ...                                                   | 2864                         | 1028  | 1910   | 4771                   | 67   |
| (b) Emergency Slaughter ...                                                       | 7                            | 113   | 36     | 57                     | 475  |
| <i>Number Inspected</i> ...                                                       | 2931                         | 1141  | 1946   | 4828                   | 542  |
| <i>All Diseases Except Tuberculosis.</i>                                          |                              |       |        |                        |      |
| Whole Carcases condemned ...                                                      | 12                           | 18    | 30     | 11                     | 12   |
| Carcases of which some part<br>or organ was condemned ...                         | 959                          | 578   | 23     | 69                     | 333  |
| % of the number inspected<br>affected with disease other<br>than tuberculosis ... | 33.15                        | 52.2  | 2.72   | 1.65                   | 63.6 |
| <i>Tuberculosis Only.</i>                                                         |                              |       |        |                        |      |
| Whole Carcases condemned ...                                                      | 8                            | 18    | 2      | —                      | 1    |
| Carcases of which some part<br>or organ was condemned ...                         | 304                          | 369   | 5      | —                      | 1    |
| % of the number inspected<br>affected with tuberculosis ...                       | 10.6                         | 33.9  | 0.36   | —                      | 0.37 |

*Scabies Order, 1941.*

Some disused stabling in the Council Yard, 87, High Street, was reconstructed as a joint Gas cleansing and Scabies treatment centre.

The latter which was opened in March, 1944, consists of two cubicles with baths, a Nurses room with sink, and a Waiting room.

Women and children are treated by the District Nurse and men by the full time Civil Defence personnel.

*Treatment Given at Scabies Centre.*

|            | Number. | Visits. |
|------------|---------|---------|
| To cases   | 38      | 19      |
| „ contacts | 18      |         |

*Treatment Given at Home by Nurse.*

|            |   |
|------------|---|
| To cases   | 5 |
| „ contacts | 5 |



# Prevalence of, and Control over Infectious and other Diseases.

## Notifiable Diseases.

|                           | TOTAL | Under<br>1 year | 1-5<br>years | 5-14<br>years | 14-21<br>years | 21-65<br>years | over 65<br>years | Admitted<br>to<br>Hospital | Deaths |
|---------------------------|-------|-----------------|--------------|---------------|----------------|----------------|------------------|----------------------------|--------|
| Small-pox                 | 0     |                 |              |               |                |                |                  |                            |        |
| Diphtheria                | 1     |                 |              | 1             |                |                |                  | 1                          |        |
| Scarlet Fever             | 5     |                 | 2            | 3             |                |                |                  | 5                          |        |
| Erysipelas                | 2     |                 |              |               |                | 1              | 1                | 1                          |        |
| Enteric Fever             | 0     |                 |              |               |                |                |                  |                            |        |
| Cerebro-spinal Meningitis | 0     |                 |              |               |                |                |                  |                            |        |
| Acute Polio-myelitis      | 0     |                 |              |               |                |                |                  |                            |        |
| Ophthalmia Neonatorum     | 0     |                 |              |               |                |                |                  |                            |        |
| Puerperal Pyrexia         | 1     |                 |              |               | 1              |                |                  |                            |        |
| Dysentery (Sonne)         | 91    |                 | 6            | 3             |                | 18             | 64               | 87                         | 3      |
| Acute primary Pneumonia   | 5     | 1               |              | 1             |                | 3              |                  | 4                          | 1      |
| Measles                   | 7     |                 | 5            | 2             |                |                |                  | 1                          |        |
| Whooping Cough            | 30    | 4               | 18           | 6             |                | 2              |                  |                            |        |
| Jaundice (Hepatitis)      | 18    |                 | 1            | 12            | 1              | 4              |                  |                            |        |

|                   | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever     | 1       | 1        |       | 1     |     |      |      |        |           |         | 2        |          |
| Measles           |         | 1        |       |       |     | 1    | 2    | 2      |           | 1       |          |          |
| Whooping Cough    |         | 1        | 1     | 4     | 4   | 5    | 6    | 1      | 5         | 1       | 1        | 1        |
| Dysentery (Sonne) |         |          |       |       |     |      |      | 1      | 87        | 2       | 1        |          |
| Jaundice          |         | 4        | 1     | 7     | 1   | 3    | 2    |        |           |         |          |          |

## Diphtheria Prophylaxis.

|                                                                                              | Age under<br>5 years. | Aged 5<br>years and<br>over, but<br>under 15. | Total. |
|----------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|--------|
| Number of children who completed<br>the full course of immunisation<br>during the year ..... | 88                    | 73                                            |        |
| Percentage of the child population<br>considered immunised at 31/12/44.                      | 79                    | 90                                            |        |



## Sawbridgeworth Urban District.

### *Water.*

The town is supplied by the Herts and Essex Waterworks Company from their deep wells in Redrick Lane. 93% of the houses have a constant supply from the waterworks. The remaining 7% in the Village of Spellbrook obtain their water from shallow wells. Spellbrook Public well continues to be chlorinated each day and no samples of water, analysed monthly, were found to be unsatisfactory.

### *Sewerage.*

At the Central Disposal Works the sewage is disposed of by the sedimentation and bacteria bed process, the effluent eventually entering the River Stort.

The South Sewerage Disposal Works is a temporary plant consisting of septic tanks with land irrigation and will be converted to a more modern system when facilities are available.

### *Public Cleansing.*

Refuse is collected alternate weeks and affixed near the Central Sewerage Works.

## Diphtheria Prophylaxis.

|                                                                                          | Age under<br>5 years. | Aged 5<br>years and<br>over, but<br>under 15. | Total. |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|--------|
| 1. Number of children who completed the full course of immunisation during the year..... | 35                    | 0                                             | 35     |
| 2. Percentage of the child population considered immunised at 31/12/44. ....             | 55.6                  | 77.1                                          |        |

# Prevalence of, and Control over Infectious and other Diseases.

## Notifiable Diseases.

|                           | TOTAL | Under<br>1 year | 1-5<br>years | 5-14<br>years | 14-21<br>years | 21-65<br>years | over 65<br>years | Admitted<br>to<br>Hospital | Deaths |
|---------------------------|-------|-----------------|--------------|---------------|----------------|----------------|------------------|----------------------------|--------|
| Small-pox                 | 0     |                 |              |               |                |                |                  |                            | 0      |
| Diphtheria                | 0     |                 |              |               |                |                |                  |                            | 0      |
| Scarlet Fever             | 23    |                 | 2            | 20            | 1              |                |                  | 13                         | 0      |
| Erysipelas                | 0     |                 |              |               |                |                |                  |                            | 0      |
| Enteric Fever             | 0     |                 |              |               |                |                |                  |                            | 0      |
| Cerebro-spinal Meningitis | 0     |                 |              |               |                |                |                  |                            | 0      |
| Acute Polio-myelitis      | 0     |                 |              |               |                |                |                  |                            | 0      |
| Ophthalmia Neonatorum     | 0     |                 |              |               |                |                |                  |                            | 0      |
| Puerperal Pyrexia         | 0     |                 |              |               |                |                |                  |                            | 0      |
| Dysentery (Sonne)         | 0     |                 |              |               |                |                |                  |                            | 0      |
| Acute primary Pneumonia   | 1     |                 |              |               |                | 1              |                  |                            | 0      |
| Measles                   | 5     |                 | 2            | 3             |                |                |                  |                            | 0      |
| Whooping Cough            | 23    | 2               | 10           |               | 11             |                |                  |                            | 0      |
| Jaundice (Hepatitis)      | 3     |                 |              | 1             | 1              | 1              |                  |                            | 0      |

|                   | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever     | 13*     | 2        | 2     |       |     | 2    |      | 1      |           | 3       |          |          |
| Measles           |         |          | 1     |       | 1   | 2    |      |        |           |         |          |          |
| Whooping Cough    |         |          | 3     |       |     | 1    | 4    | 8      | 1         | 2       |          | 4        |
| Dysentery (Sonne) |         |          |       |       |     | 1    |      |        |           |         |          |          |
| Jaundice          |         |          |       | 2     |     |      |      | 1      |           |         |          |          |

\*Pishiobury Approved School (Middlesex C.C.)



## Ware Rural District.

*Water Supplies.*

There is a main water supply obtained from two bore holes 450 ft. deep at the Pumping Station on the main Cambridge Road, Puckeridge. The water is pumped to a tower of 250,000 gallons capacity situated at Old Hall Green. The main passes through each parish except the outlying parishes of Eastwick and Gilston. The parishes of Great Amwell and St. Margarets are supplied through the mains of the Metropolitan Water Board. The quality of the water is very high but it is chlorinated as an extra precaution. Samples have been taken from the piped water supply and bacteriological examinations made and in every case the results have been highly satisfactory. The sufficiency is not in doubt at the moment. Of 2,700 properties in the district there are 1,900 on main water supply. There are no standpipes.

Of the private supplies throughout the district approximately two-thirds are deep wells or bore holes, and one-third are shallow wells.

The parish of Gilston is supplied by private wells and the parish of Eastwick by private piped water supply.

Owing to the serious drop in the water level affecting certain shallow wells in Thundridge it was necessary to cart water to the properties during August; the National Fire Service provided the men and the lorries.

|                      | Scarlet<br>Fever | Diph-<br>theria | Dys-<br>entery | Measles | Whoop-<br>ing Ch. | Acute<br>P.M. | Jaundice |
|----------------------|------------------|-----------------|----------------|---------|-------------------|---------------|----------|
| Eastwick             | 7                |                 |                |         |                   |               | 1        |
| Gilston              |                  |                 |                |         | 7                 |               |          |
| Great Amwell         |                  |                 |                |         | 3                 |               |          |
| Great Munden         | 7                |                 |                |         |                   |               | 1        |
| Hunsdon              |                  |                 |                | 2       |                   |               |          |
| Little Munden        | 1                |                 |                |         | 1                 |               |          |
| Standon              | 10               |                 | 3              | 14      | 1                 |               | 13       |
| Stanstead Abbots     | 4                | 1               |                | 2       | 3                 |               | 3        |
| St. Margaret's       |                  |                 |                |         |                   |               |          |
| Thundridge           | 11               |                 | 7              |         |                   |               | 4        |
| Ware Rural           |                  |                 | 2              | 5       | 10                |               | 5        |
| Widford              |                  |                 |                |         | 2                 | 1             |          |
| St. Edmund's College |                  |                 |                |         |                   |               | 5        |
| Haileybury College   | 1                |                 |                | 1       |                   |               |          |
| Easneye              |                  |                 |                |         | 6                 |               | 4        |
| St. Margaretsbury    |                  |                 | 16             |         |                   |               |          |
| Rowney Priory        |                  |                 | 6              |         |                   |               |          |
| Non-Civilian         | 1                |                 |                | 2       |                   |               | 2        |

Prevalence of, and Control over Infectious and other  
Diseases.

Notifiable Diseases.

|                           | TOTAL | Under<br>1 year | 1-5<br>years | 5-14<br>years | 14-21<br>years | 21-65<br>years | over 65<br>years | Admitted<br>to<br>Hospital | Deaths |
|---------------------------|-------|-----------------|--------------|---------------|----------------|----------------|------------------|----------------------------|--------|
| Small-pox                 | 0     |                 |              |               |                |                |                  |                            | 0      |
| Diphtheria                | 1     |                 |              |               |                | 1              |                  | 1                          | 0      |
| Scarlet Fever             | 42    |                 | 8            | 29            | 2              | 3              |                  | 35                         | 0      |
| Erysipelas                | 3     |                 |              |               |                | 3              |                  | 2                          | 0      |
| Enteric Fever             | 0     |                 |              |               |                |                |                  |                            | 0      |
| Cerebro-spinal Meningitis | 1     |                 |              | 1             |                | 1              |                  | 1                          | 0      |
| Acute Polio-myelitis      | 1     |                 |              | 1             |                |                |                  | 1                          | 0      |
| Ophthalmia Neonatorum     | 2     | 2               |              |               |                |                |                  |                            | 0      |
| Puerperal Pyrexia         | 2     |                 |              |               |                | 2              |                  | 2                          | 1      |
| Dysentery (Sonne)         | 34    |                 | 16           | 9             | 4              | 5              |                  | 2                          | 0      |
| Acute primary Pneumonia   | 5     | 1               | 1            |               | 1              | 2              |                  | 3                          | 0      |
| Measles                   | 26    |                 | 12           | 11            | 1              | 2              |                  | 6                          | 0      |
| Whooping Cough            | 33    | 2               | 19           | 12            |                |                |                  | 2                          | 1      |
| Jaundice (Hepatitis)      | 39    |                 |              | 19            | 9              | 11             |                  | 3                          | 0      |

|                   | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever     | -       | 3        | 3     | 1     | 1   | 2    | 7    | 3      | 4         | 14      | 1        | 3        |
| Measles           | 1       |          | 1     | 4     | 3   | 1    |      |        |           | 9       | 6        | 1        |
| Whooping Cough    | 2       |          | 4     | 2     |     | 8    | 4    | 9      | 4         |         |          |          |
| Dysentery (Sonne) | -       |          |       |       |     |      | 16   |        | 18        |         |          |          |
| Jaundice          | 4       | 10       | 4     | 5     | 1   | 2    | 1    | 2      | 2         | 2       | 4        | 2        |



## Diphtheria Prophylaxis.

|                                                                                           | Age under<br>5 years. | Aged 5<br>years and<br>over, but<br>under 15. | Total. |
|-------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|--------|
| 1. Number of children who completed the full course of immunisation during the year,..... | 99                    | 65                                            | 164    |
| 2. Percentage of the child population considered immunised at 31/12/44. ....              | 70%                   | 95%                                           |        |

*Scabies Order, 1941.*

Cases were treated by neighbouring Authorities as follows:—

|                   | Adult. | Children. |
|-------------------|--------|-----------|
| Hoddesdon ... ..  | 30     | 12        |
| Braughing ... ..  | 2      | 0         |
| Ware Urban ... .. | 4      | 0         |
| Total             | 36     | 12        |

## Braughing Rural District.

*Water Supplies.*

The Northern part of the District is now supplied from 2 deep bore-holes at Chipping, from which water is pumped to a water tower at Throcking and to a reservoir at Buntingford; while the southern part of the District is supplied from Much Hadham, augmented by a supply from the Ware Rural District which is pumped to a water tower at Albury to serve the parishes of Braughing, Albury and the higher parts of Little and Much Hadham. All the water is chlorinated.

The old Buntingford Waterworks are available as a standby.

It is estimated that the mains now supply 75% of the District.

## Prevalence of, and Control over Infectious and other Diseases.

## Notifiable Diseases.

|                           | Total | Under 1 year | 1-5 years | 5-14 years | 15-21 years | 21-65 years | over 65 years | Admitted to Hospital | Deaths |
|---------------------------|-------|--------------|-----------|------------|-------------|-------------|---------------|----------------------|--------|
| Small-pox                 |       |              |           |            |             |             |               |                      | 0      |
| Diphtheria                | 3     |              |           |            | 1           | 2           |               |                      | 0      |
| Scarlet Fever             | 33    |              | 7         | 24         | 1           | 1           |               |                      | 0      |
| Erysipelas                | 3     |              |           |            |             | 1           | 2             |                      | 0      |
| Enteric Fever             |       |              |           |            |             |             |               |                      | 0      |
| Cerebro-spinal Meningitis |       |              |           |            |             |             |               |                      | 0      |
| Acute Polio-myelitis      | 1     |              | 1         |            |             |             |               |                      | 0      |
| Ophthalmia Neonatorum     |       |              |           |            |             |             |               |                      | 0      |
| Puerperal Pyrexia         | 1     |              |           |            |             | 1           |               |                      | 0      |
| Dysentery (Sonne)         | 1     |              |           |            |             | 1           |               |                      | 0      |
| Acute primary Pneumonia   | 6     |              | 1         | 1          |             | 3           | 1             |                      | 0      |
| Measles                   | 113   | 1            | 42        | 70         | 4           | 1           |               |                      | 0      |
| Whooping Cough            | 77    | 7            | 21        | 44         |             | 4           |               |                      | 0      |
| Jaundice (Hepatitis)      | 28    | 1            |           | 11         | 5           | 11          |               |                      | 0      |

|                   | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever     | 4       | 1        | 1     | 3     |     | 3    | 6    | 4      | 2         | 6       |          | 3        |
| Measles           |         |          | 12    | 18    | 1   |      | 2    | 3      | 25        | 32      | 22       | 3        |
| Whooping Cough    |         |          | 3     | 2     | 17  | 1    | 26   | 18     | 3         | 5       | 2        |          |
| Dysentery (Sonne) |         | 1        |       |       |     |      |      |        |           |         |          |          |
| Jaundice          | 7       | 1        | 1     | 4     | 1   | 1    | 2    | 3      | 4         | 2       | 1        | 1        |



## Diphtheria Prophylaxis.

|                                                                                          | Age under 5 years. | Aged 5 years and over, but under 15. | Total. |
|------------------------------------------------------------------------------------------|--------------------|--------------------------------------|--------|
| 1. Number of children who completed the full course of immunisation during the year..... | 86                 | 14                                   | 100    |
| 2. Percentage of the child population considered immunised at 31/12/44. ....             | 70½%               | 80%                                  |        |

*Scabies Order, 1941.*

The Scabies Treatment Centre is at Bridgefoot House, Buntingford. Men are treated by the ex-caretaker of the Old Buntingford Isolation Hospital. Women and children are treated by the Assistant District Nurse.

During the year, 10 men, 32 women and 48 children received Benzyl benzoate treatment.

*Insulin.*

Two persons received Insulin free of cost; and one person at half cost.

|             | Scarlet Fever | Diphtheria | Dysentery | Measles | Whooping Ch. | Acute P.M. | Jaundice |
|-------------|---------------|------------|-----------|---------|--------------|------------|----------|
| Anstey      | 2             |            |           | 5       | 1            |            |          |
| Ardeley     | 2             |            |           |         | 4            |            |          |
| Aspenden    | 1             | 2          |           | 9       | 12           |            | 1        |
| Braughing   | 3             |            |           | 1       |              |            | 6        |
| Buckland    |               |            |           | 3       |              |            |          |
| Buntingford | 2             |            |           | 41      | 12           |            | 9        |
| Cottered    | 2             |            |           | 4       | 7            |            | 1        |
| Hormead     | 3             |            |           | 3       | 6            |            |          |
| High Wych   | 3             |            |           | 2       | 12           |            | 2        |
| L. Hadham   | 1             | 1          |           |         |              |            |          |
| M. Hadham   | 3             |            |           | 28      | 12           | 1          | 1        |
| Meesden     |               |            |           |         |              |            | 1        |
| B. Pelham   |               |            |           |         | 1            |            | 4        |
| F. Pelham   | 7             |            |           |         |              |            | 1        |
| S. Pelham   | 2             |            |           |         |              |            |          |
| Thorley     | 2             |            |           |         | 1            |            | 3        |
| Westmill    |               |            |           | 4       |              |            | 1        |
| Wyddial     |               |            |           |         |              |            |          |

## Hertford Rural District.

### *Water.*

There has been no considerable change in the satisfactory schemes which, as outlined in the last report; supply mains water to each of the fifteen parishes in the Rural District; but a start was made during the year (and completed early this year) on laying a 3" main from Well Green, Brickendon, to Monks Green and Jepps Farm. The extension of the main, which was financed jointly by the War Agricultural Executive Committee, the landowners and the Rural District Council has afforded supplies to two farmhouses and two cottages where the well supplies often failed and to two houses where the supplies were polluted.

Despite the war time restrictions, piped supplies have been taken into 28 houses which formerly relied on wells or public standpipes. Amongst the places newly supplied were two residential schools and two farmhouses where unusually long services were necessary. After delays due to difficulties in securing materials, the services from Welwyn Garden City U.D.C. mains, referred to in the 1942 report, were laid to Attimore Hall Farm, Tewin and three nearby cottages. Similarly, a supply was given from Hertford R.D.C. mains to Ware R.D.C. in order to provide a piped supply at "Rowney Priory", near Sacombe, which is used as an agricultural hostel. About 1268 of the 2134 houses in the Rural District now have a piped supply on the premises. About 192 houses are still dependent on private wells. The remainder rely on public stand-pipes.

Samples were taken quarterly for bacteriological examination of the chlorinated water going to supply from the Council's two pumping stations and the reports were all entirely satisfactory. Sampling of the untreated water is not practicable. There was no shortage of supply at any time.



*Sanitary Circumstances.*

Fourteen w.c.'s were substituted for privy pits or pail closets.

At Walkern, trouble was experienced through cowshed drainage finding its way into the River Beane. Temporary arrangements for disposal by land irrigation have been made; but, particularly because of the proximity of a school are not satisfactory and the early execution of the proposed Walkern-Watton sewerage and sewage disposal scheme is essential.

Disinfestation (bugs) was only required in one case. Spraying and fumigation proved effective.

*Housing.*

Assistance was given under the Housing (Rural Workers) Acts to the carrying out of improvements at six cottages. The works included the provision of piped water supplies, sinks, w.c.'s., drains and (in one case) provision of extra sleeping accommodation.

*Unsound Food.*

Only small quantities of Food, which were surrendered by the traders concerned in each case, were found to be unfit and dealt with accordingly.

*Milk and Dairies.**Inspection and Supervision of Food.*

The usual quarterly samples of milk pasteurised at the two plants in the District and of Tuberculin Tested Milk bottled at the same two premises were taken for examination. Only one of the Pasteurised samples failed to conform to the prescribed standard and a repeat sample was satisfactory.

Improvements were carried out to four cowsheds and dairies during the year.

Prevalence of, and Control over Infectious and other  
Diseases.

Notifiable Diseases.

|                           | Total | Under<br>1 year | 1-5<br>years | 5-14<br>years | 14-21<br>years | 21-65<br>years | over 65<br>years | Admitted<br>to<br>Hospital | Deaths |
|---------------------------|-------|-----------------|--------------|---------------|----------------|----------------|------------------|----------------------------|--------|
| Small-pox                 | 0     |                 |              |               |                |                |                  |                            | 0      |
| Diphtheria                | 3     |                 | 1            | 1             | 1              |                |                  | 3                          | 0      |
| Scarlet Fever             | 30    |                 | 12           | 12            | 4              | 2              |                  | 30                         | 0      |
| Erysipelas                | 1     |                 |              |               |                | 1              |                  |                            | 0      |
| Enteric Fever             | 0     |                 |              |               |                |                |                  |                            | 0      |
| Cerebro-spinal Meningitis | 0     |                 |              |               |                |                |                  |                            | 0      |
| Acute Polio-myelitis      | 0     |                 |              |               |                |                |                  |                            | 0      |
| Ophthalmia Neonatorum     | 0     |                 |              |               |                |                |                  |                            | 0      |
| Puerperal Pyrexia         | 0     |                 |              |               |                |                |                  |                            | 0      |
| Dysentery (Sonne)         | 18    | 1               | 6            | 11            |                |                |                  | 18                         | 0      |
| Acute primary Pneumonia   | 2     |                 |              |               | 1              | 1              |                  |                            | 0      |
| Measles                   | 39    | 3               | 9            | 26            |                | 1              |                  | 5                          | 0      |
| Whooping Cough            | 48    | 1               | 17           | 30            |                |                |                  | 7                          | 0      |
| Jaundice (Hepatitis)      | 18    |                 | 1            | 5             | 3              | 9              |                  |                            | 0      |

|                   | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Scarlet Fever     | 3       |          |       |       | 1   | 2    | 3    | 5      | 3         | 10      | 1        | 2        |
| Measles           |         |          | 1     |       | 1   | 4    | 1    |        |           |         | 7        | 25       |
| Whooping Cough    |         |          |       | 7     |     | 12   | 6    |        |           |         | 23       |          |
| Dysentery (Sonne) | 2       |          | 2     |       | 4   |      |      | 3      | 3         | 2       | 1        | 1        |
| Jaundice          |         |          | 1     |       |     |      |      |        | 1         | 2       | 13       | 1        |



|                                                   | Scarlet<br>Fever | Diph-<br>theria | Dys-<br>entery | Measles | Whoop-<br>ing Ch. | Acute<br>P.M. | Jaundice |
|---------------------------------------------------|------------------|-----------------|----------------|---------|-------------------|---------------|----------|
| Aston                                             |                  |                 |                |         | 7                 |               |          |
| Bayford                                           | 1                | 1               |                |         |                   |               |          |
| Bennington                                        | 7                |                 |                | 1       | 2                 |               |          |
| Bengeo Rural                                      |                  |                 |                | 2       | 2                 |               | 1        |
| Bramfield                                         |                  |                 |                |         |                   |               | 1        |
| Brickendon Liberty                                | 1                |                 |                | *1      | 1                 |               |          |
| Datchworth                                        | 1                |                 |                | 2       | 1                 |               | 4        |
| Hertingfordbury                                   |                  |                 |                |         | 2                 |               |          |
| Little Amwell                                     |                  |                 |                |         |                   |               |          |
| L. Berkhamstead                                   |                  |                 |                |         |                   |               |          |
| Sacombe                                           |                  |                 |                |         | 1                 |               |          |
| Stapleford                                        |                  |                 |                |         |                   |               |          |
| Tewin                                             | 3                |                 |                | 1       | 3                 |               | 3        |
| Walkern                                           | 1                |                 |                |         | 23                |               |          |
| Watton-at-Stone                                   | 1                |                 |                | 3       | 1                 |               | 8        |
| Queen Elizabeth Hospital<br>for children, Bayford | 2                | 2               | 18             | 13      | 1                 |               | 1        |
| Woodcock Residential<br>Nursery, L. Berk'std      | 13               |                 |                |         |                   |               |          |
| Heathmount School,<br>Woodhall Park.              |                  |                 |                | 16      | 4                 |               |          |

\* Includes 1 Non-civilian.

### Diphtheria Prophylaxis.

|                                                                                        | Age under<br>5 years. | Aged 5<br>years and<br>over, but<br>under 15. | Total. |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|--------|
| Number of children who completed<br>the full course of immunisation<br>during the year | 87                    | 22                                            | 109    |
| Percentage of the child population<br>considered immunised at 31/12/44.                | 82%                   | 75%                                           |        |

### Scabies Order, 1941.

Cases were treated by neighbouring authorities as follows:—

|                    | Adults. | Children. |
|--------------------|---------|-----------|
| Hertford Borough   | 12      | 8         |
| Welwyn Garden City | 6       | 4         |

### Insulin.

One woman (resident in Hertingfordbury Parish) received free insulin.





