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BOROUGH OF THORNABY-ON-TEES.



# ANNUAL REPORT

ON THE

## HEALTH AND SANITARY CIRCUMSTANCES

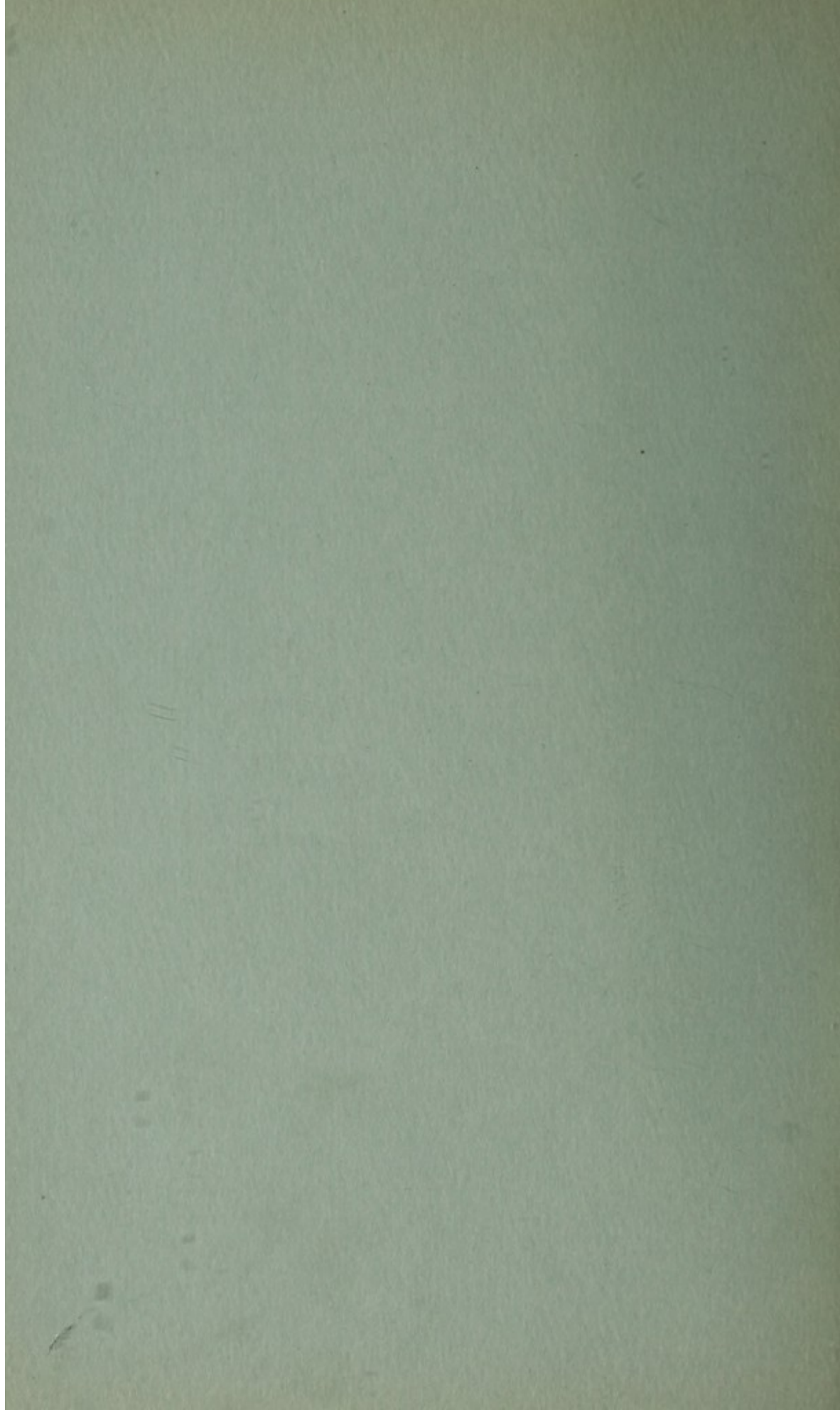
OF THE BOROUGH

For the Year ended 31st December, 1937.

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ARNOLD BROWN, M.B., Ch.B., D.P.H.,  
Medical Officer of Health.

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C. INGLE, PRINTER, THORNABY-ON-TEES

REPORT OF THE BOARD OF HEALTH

# ANNUAL REPORT

HEALTH AND SANITARY  
CIRCUMSTANCES

OF THE TOWN OF

NEWTON, MASS., FOR THE YEAR 1887

NEWTON, MASS.:  
J. W. BROWN, PRINTER.

ADDED TO THE REPORT OF THE BOARD OF HEALTH

OF THE TOWN OF NEWTON, MASS.

NEWTON, MASS.: J. W. BROWN, PRINTER.

Health Department,

Thornaby-on-Tees.

**To the Mayor, Aldermen and Councillors of the Borough of  
Thornaby-on-Tees.**

Ladies and Gentlemen,

I have the honour to submit the Annual Report on the Health and Sanitary Circumstances, including Vital Statistics, of the Borough of Thornaby-on-Tees for the year ended 31st December, 1937.

During the year 1937 there has been a considerable increase in the work done by the Maternity and Child Welfare Department, including an increase in the number of Ante-Natal Clinics, the provision of a Post-Natal Clinic, and the commencement of a scheme of immunisation against Diphtheria for children under the age of five years.

A satisfactory aspect of 1937 has been the considerable fall in the infantile mortality which was 39 per 1,000 live births as against 82 in 1936. The maternal death rate still remains high.

I wish to thank the Members of the Council for their unfailing help and co-operation during the year. My best thanks are also due to the Town Clerk, Borough Treasurer, Borough Engineer, and to the Members of the Town Hall Staff, for the help and friendly spirit which they have shewn on all occasions.

I desire to place on record my deep appreciation of the work done by the Staff of the Sanitary and Maternity and Child Welfare Departments, particularly the Sanitary Inspector, Mr. Knox, and the Health Visitor, Nurse Ramsay.

Separate reports by the Sanitary Inspector and the Health Visitor will be found at the end of this Report.

I beg to remain,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

ARNOLD BROWN.

May 1938.

**HEALTH DEPARTMENT STAFF.**

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Medical Officer of Health:

ARNOLD BROWN, M.B., Ch.B., D.P.H.

Sanitary Inspector:

C. KNOX, C.R.S.I., M.S.I.A.

Health Visitor:

Miss M. J. D. RAMSAY, General Trained Cert. and C.M.B.

### Statistics and Social Conditions of the Area.

|                                          |     |     |     |     |     |         |
|------------------------------------------|-----|-----|-----|-----|-----|---------|
| Area (Acres)                             | ... | ... | ... | ... | ... | 1,993   |
| Population (estimated mid-year, 1937)    | ... | ... | ... | ... | ... | 21,740  |
| Number of inhabited houses (end of 1937) | ... | ... | ... | ... | ... | 5,380   |
| Rateable Value                           | ... | ... | ... | ... | ... | £74,723 |
| Sum represented by 1d. rate              | ... | ... | ... | ... | ... | £261    |

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The town is situated on the southerly bank of the River Tees which forms the northern boundary of the Borough and separates it from the Borough of Stockton-on-Tees. On the easterly side it is contiguous with the County Borough of Middlesbrough, and on the southerly and westerly sides with the Rural District of Stokesley.

The surface of the ground is mostly flat, the subsoil clay, and the industries carried on in the town are connected with the iron and steel trades and sugar refining. Many of the population work in the neighbouring areas of Middlesbrough, Stockton and Billingham. Unemployment has decreased in the year under review.

### Extracts from Vital Statistics for the Year.

|                        | Total.  | Males. | Females. |
|------------------------|---------|--------|----------|
| Live Births—Legitimate | ... 436 | 222    | 214      |
| Illegitimate           | ... 19  | 16     | 3        |

Birth Rate—20.92 per 1,000 estimated resident population.

|              | Total. | Males. | Females. |
|--------------|--------|--------|----------|
| Still Births | ... 20 | 7      | 13       |

Still Birth Rate—0.92 per 1,000 estimated resident population.

|        | Total.  | Males. | Females. |
|--------|---------|--------|----------|
| Deaths | ... 239 | 137    | 102      |

Crude Death Rate—10.99 per 1,000 estimated resident population.

Comparability Factor—1.17.

Adjusted Death Rate—12.86.

## Deaths from Puerperal Causes—3.

|                               | Deaths. | Rate per 1,000 (live and Still) births. |
|-------------------------------|---------|-----------------------------------------|
| Puerperal Sepsis ... ..       | 0       | 0.00                                    |
| Other puerperal causes ... .. | 3       | 6.31                                    |

|                                         | Total | Males. | Females |
|-----------------------------------------|-------|--------|---------|
| Deaths of infants under one year of age | 18    | 11     | 7       |
| Legitimate ... ..                       | 18    | 11     | 7       |
| Illegitimate ... ..                     | 0     | 0      | 0       |

Infantile Mortality—39.56 per 1,000 live births.

Mortality of legitimate infants—41.28 per 1,000 legitimate live births.

Mortality of illegitimate infants—0.00 per 1,000 illegitimate live births.

|                                           |    |
|-------------------------------------------|----|
| Deaths from Cancer (all ages) ... ..      | 24 |
| „ Measles (all ages) ... ..               | 0  |
| „ Whooping Cough (all ages) ... ..        | 0  |
| „ Diarrhoea (under 2 years of age) ... .. | 2  |

The causes of the greatest mortality during 1937 were:—

|                      |    |
|----------------------|----|
| Heart Disease ... .. | 53 |
| Cancer ... ..        | 24 |
| Pneumonia ... ..     | 17 |

TABLE SHEWING BIRTHS, DEATHS AND  
INFANTILE MORTALITY IN WARDS.

| Ward                               | Popu-<br>lation<br>(approx) | No. of<br>Live<br>Births | Birth<br>Rate per<br>1000 pop. | No. of<br>Deaths | Death<br>Rate per<br>1000 pop. | No. of<br>Deaths<br>of infants<br>under<br>1 year | Infantile<br>Mortality<br>Rate per<br>1000 Live<br>Births |
|------------------------------------|-----------------------------|--------------------------|--------------------------------|------------------|--------------------------------|---------------------------------------------------|-----------------------------------------------------------|
| Cleveland                          | 3890                        | 97                       | 24.9                           | 35               | 8.9                            | 3                                                 | 30.9                                                      |
| Mandale                            | 3940                        | 66                       | 16.7                           | 52               | 13.1                           | 5                                                 | 75.7                                                      |
| O. Thornaby                        | 4130                        | 128                      | 30.9                           | 35               | 8.4                            | 2                                                 | 15.6                                                      |
| St. Paul's                         | 3240                        | 40                       | 12.3                           | 32               | 9.8                            | 1                                                 | 25.0                                                      |
| Victoria                           | 3250                        | 66                       | 20.3                           | 47               | 14.4                           | 5                                                 | 75.7                                                      |
| Westbury                           | 3290                        | 58                       | 17.6                           | 38               | 11.5                           | 2                                                 | 34.4                                                      |
| Borough of<br>Thornaby-on-<br>Tees | 21740                       | 455                      | 20.9                           | 239              | 10.9                           | 18                                                | 39.5                                                      |



### POPULATION.

The Registrar General gives the figures 21,740 as the estimated population of the Borough at mid-year, 1937, and this figure has been taken in estimating the statistics for the year.

#### COMPARATIVE TABLE of VITAL STATISTICS, 1928-1937.

| Year | Estimated<br>Population | Birth<br>Rate | Death<br>Rate | Infantile<br>Mortality |
|------|-------------------------|---------------|---------------|------------------------|
| 1928 | 20,000                  | 25.9          | 13.9          | 92.4                   |
| 1929 | 21,580                  | 24.1          | 16.7          | 111.5                  |
| 1930 | 21,580                  | 24.2          | 14.3          | 89.9                   |
| 1931 | 21,510                  | 23.5          | 11.3          | 81.0                   |
| 1932 | 21,200                  | 21.7          | 13.5          | 78.2                   |
| 1933 | 21,320                  | 19.0          | 12.3          | 66.6                   |
| 1934 | 21,270                  | 20.4          | 12.1          | 55.2                   |
| 1935 | 21,330                  | 19.1          | 13.2          | 66.1                   |
| 1936 | 21,630                  | 19.74         | 12.1          | 82.0                   |
| 1937 | 21,740                  | 20.92         | 10.9          | 39.0                   |

## CAUSES OF DEATH DURING THE YEAR 1937.

| Causes of Death                        |  |  |  |  |  | Males | Females |
|----------------------------------------|--|--|--|--|--|-------|---------|
| All Causes ... ..                      |  |  |  |  |  | 137   | 102     |
| Typhoid and Para-Typhoid Fevers ...    |  |  |  |  |  | —     | —       |
| Measles ... ..                         |  |  |  |  |  | —     | —       |
| Scarlet Fever ... ..                   |  |  |  |  |  | —     | —       |
| Whooping Cough ... ..                  |  |  |  |  |  | —     | —       |
| Diphtheria ... ..                      |  |  |  |  |  | —     | 3       |
| Influenza ... ..                       |  |  |  |  |  | 7     | 2       |
| Encephalitis Lethargica                |  |  |  |  |  | —     | —       |
| Cerebro-Spinal Fever ... ..            |  |  |  |  |  | 2     | —       |
| Tuberculosis of Respiratory System     |  |  |  |  |  | 4     | 2       |
| Other Tuberculous Diseases             |  |  |  |  |  | 1     | —       |
| Syphilis ... ..                        |  |  |  |  |  | —     | —       |
| General Paralysis of the Insane, Tabes |  |  |  |  |  |       |         |
| Dorsalis ... ..                        |  |  |  |  |  | —     | —       |
| Cancer, malignant disease ... ..       |  |  |  |  |  | 12    | 12      |
| Diabetes ... ..                        |  |  |  |  |  | 2     | 1       |
| Cerebral Haemorrhage, etc. ... ..      |  |  |  |  |  | 6     | 3       |
| Heart Disease ... ..                   |  |  |  |  |  | 34    | 19      |
| Aneurysm ... ..                        |  |  |  |  |  | 1     | —       |
| Other Circulatory Diseases ... ..      |  |  |  |  |  | 8     | 10      |
| Bronchitis ... ..                      |  |  |  |  |  | 5     | 7       |
| Pneumonia (all forms) ... ..           |  |  |  |  |  | 12    | 5       |
| Other Respiratory Diseases ... ..      |  |  |  |  |  | 1     | —       |
| Peptic Ulcer ... ..                    |  |  |  |  |  | 2     | —       |
| Diarrhoea (under 2 years) ... ..       |  |  |  |  |  | —     | 2       |
| Appendicitis ... ..                    |  |  |  |  |  | —     | 1       |
| Cirrhosis of Liver ... ..              |  |  |  |  |  | 1     | —       |
| Other Diseases of Liver ... ..         |  |  |  |  |  | 1     | —       |
| Other Digestive Diseases ... ..        |  |  |  |  |  | —     | —       |
| Acute and Chronic Nephritis ... ..     |  |  |  |  |  | 5     | 4       |
| Puerperal Sepsis ... ..                |  |  |  |  |  | —     | —       |
| Other Puerperal Causes ... ..          |  |  |  |  |  | —     | 3       |
| Congenital Debility, Premature Birth,  |  |  |  |  |  |       |         |
| Malformations, etc. ... ..             |  |  |  |  |  | 6     | 4       |
| Senility ... ..                        |  |  |  |  |  | —     | 2       |
| Suicide ... ..                         |  |  |  |  |  | —     | —       |
| Other Violence ... ..                  |  |  |  |  |  | 15    | 5       |
| Other Defined Diseases ... ..          |  |  |  |  |  | 11    | 17      |
| Causes Ill-defined or Unknown ...      |  |  |  |  |  | 1     | —       |

## GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

### 1. PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

At the beginning of the Report a list is given showing the Officers connected with the Health services in the Borough.

### 2. SERVICES PROVIDED IN THE AREA.

(a) Laboratory Facilities. The arrangement with the College of Medicine, Newcastle-on-Tyne, was continued.

(b) Ambulance Facilities. There is no change in the previous arrangements and these have so far been satisfactory.

(c) Nursing in the Home. This is carried out by the Stockton and Thornaby District Nursing Association and has worked satisfactorily.

(d) Clinics and Treatment Centres.

#### **Maternity and Child Welfare Department.**

Infant Welfare Clinics—each Tuesday and Thursday 2-4 p.m.

Ante-Natal Clinics—weekly on Friday, 2-4 p.m.

Post-Natal cases are seen on the first Friday in each month.

Dental Clinics—the last Thursday in each month at 1-30 p.m.

#### **Clinics undertaken by the North Riding County Council.**

Minor Ailments Clinic—each Friday at 9-0 a.m.

Tuberculosis Clinic—each Tuesday at 10-0 a.m.

Orthopaedic Clinic—fortnightly on Tuesday at 10-30 a.m.

Visual Defects—a Clinic is arranged when there are 8 cases on the waiting list and is held on Thursday mornings.

Diseases of the Ear, Nose and Throat—a Clinic is arranged when there are a sufficient number of cases on the waiting list and is held on Monday mornings.

Dental Defects—periodical Clinics are attended by the Dental Surgeon appointed by the County Council.

The Clinics are all held at the Health Centre, George Street.

(e) Hospitals. The Hospital facilities remain unchanged.

### 3. MATERNITY AND CHILD WELFARE SERVICES.

Arrangements exist whereby difficult and dangerous maternity cases are admitted to the Maternity Hospital under the control of the Middlesbrough County Borough, and the services of Dr. G. F. Longbotham are available as a Consultant when necessary.

The number of difficult and dangerous maternity cases admitted to the Middlesbrough Municipal Maternity Hospital during the year under this scheme was 6.

The Midwives practising in the Borough are not subsidised by the Council and the County Council is the supervising authority.

Arrangements are made whereby children under the age of five attend the Orthopaedic Clinics and the Clinics for visual defects and defects of the Ear, Nose and Throat, held by the North Riding County Council.

As the Local Authority discharges the functions under Part I of the Children Act, 1908, as amended by the Children and Young Persons Act, 1932, the Health Visitor acts as Infant Protection Visitor. Particulars as to the work carried out at the Clinic and in Health Visiting will be found under the Section dealing with Maternity and Child Welfare.

### SANITARY CIRCUMSTANCES OF THE AREA.

**Water.** The supply is obtained from the Tees Valley Water Board. There is adequate piped supply to all households and no complaints were received.

**Drainage and Sewerage.** There has been no alteration since the last Report.

**Closet Accommodation.** With few exceptions the town has a complete water carriage system.

The following Table shows the progress of conversions during the past 16 years.

| Year.     |     | Privy Ashpits |     | Pan Closets. |
|-----------|-----|---------------|-----|--------------|
| 1922      | ... | 158           | ... | 8            |
| 1923      | ... | 69            | ... | 10           |
| 1924      | ... | 300           | ... | 33           |
| 1925      | ... | 329           | ... | 12           |
| 1926      | ... | 312           | ... | 37           |
| 1927      | ... | 6             | ... | 23           |
| 1928      | ... | 106           | ... | 134          |
| 1929      | ... | 229           | ... | 168          |
| 1930      | ... | 115           | ... | 660          |
| 1931      | ... | 61            | ... | 228          |
| 1932      | ... | 92            | ... | 74           |
| 1933      | ... | —             | ... | —            |
| 1934      | ... | 16            | ... | 10           |
| 1935      | ... | —             | ... | 16           |
| 1936      | ... | —             | ... | —            |
| 1937      | ... | —             | ... | —            |
| Total ... |     | 1793          |     | 1413         |

There are now in existence:—

|                               |        |      |
|-------------------------------|--------|------|
| Privies, fixed receptacles    | ...    | 18   |
| Privies, moveable receptacles |        | 8    |
| Flush Water Closets           | ... .. | 5497 |

**Public Cleansing.** This work is under the immediate control of the Sanitary Inspector and was carried out as in past years.

**Schools.** The Sanitary Conditions of the Schools were satisfactory.

**Sanitary Inspection of the Area.** A summary of the work done in the Sanitary Inspector's Department during the year is given further in this Report.

### INSPECTION AND SUPERVISION OF FOOD.

For information regarding the supervision of foods see the Sanitary Inspector's Report.

#### FOOD AND DRUGS (ADULTERATION) ACT, 1928.

For the work done under this Act I am indebted to the Inspector of Weights and Measures.

The following samples were obtained during the year, and submitted to the Public Analyst:

|                                                 |     |     |     |     |     |       |
|-------------------------------------------------|-----|-----|-----|-----|-----|-------|
| Separated Milk                                  | ... | ... | ... | ... | ... | 1     |
| Milk                                            | ... | ... | ... | ... | ... | 17    |
| Butter                                          | ... | ... | ... | ... | ... | 2     |
| Sausages                                        | ... | ... | ... | ... | ... | 3     |
| Cocoa                                           | ... | ... | ... | ... | ... | 2     |
| Sugar                                           | ... | ... | ... | ... | ... | 2     |
| Lard                                            | ... | ... | ... | ... | ... | 2     |
| Ground Almonds                                  | ... | ... | ... | ... | ... | 2     |
| One each of Piccalilli, Shortening, Ice Cornets |     |     |     |     |     |       |
| Coffee and Chicory, Bourn-vita, Custard         |     |     |     |     |     |       |
| Powder, Tomato Ketchup, Tea, Ground Rice,       |     |     |     |     |     |       |
| Mixed Fruit, Mincemeat, Mixed Spice, Coffee,    |     |     |     |     |     |       |
| Steak and Kidney Pie, Sage and Onion Stuffing,  |     |     |     |     |     |       |
| Pickles, Rice, Lime Sherbet                     | ... | ... | ... | ... | ... | 18    |
|                                                 |     |     |     |     |     | <hr/> |
| Total                                           | ... |     |     |     |     | 49    |
|                                                 |     |     |     |     |     | <hr/> |

With the exception of the two samples mentioned below all were returned as genuine by the Public Analyst.

**Milk Sample No. 14.**

## Result of Analysis.

| Milk Fat. | Non-Fatty Solids. | Total Solids. |
|-----------|-------------------|---------------|
| 2.73%     | 8.81%             | 11.54%        |

Deficient in Milk Fat 9% of its Fats.

**Action Taken.**

As genuine milk may vary normally to this extent in Milk Fats, no action was taken, otherwise than notifying the vendor and asking him to take steps to improve the quality.

**Coffee and Chicory Sample, No. 60.**

## Result of Analysis.

|                                   |     |     |     |         |
|-----------------------------------|-----|-----|-----|---------|
| Ash                               | ... | ... | ... | 4.00%   |
| Water-Soluble Ash                 | ... | ... | ... | 2.65%   |
| Sand and Siliceous Matter         | ... | ... | ... | 0.40%   |
| Specific Gravity of Water Extract | ... | ... | ... | 1,019.6 |

Microscopical Characteristics—similar to a mixture of Coffee and Chicory.

Judged by the above analysis I am of the opinion that this sample does not contain more than 30% Coffee. I am of the opinion that mixtures of Coffee and Chicory labelled Coffee and Chicory should contain at least 50% Coffee.

**Action Taken.**

The Public Analyst recommended no proceedings as percentages quoted were approximate only and there is a great practical difficulty in keeping Coffee and Chicory properly mixed. In view of this, beyond notifying the vendor no action was taken.

**PREVALENCE OF, AND CONTROL OVER INFECTIOUS  
DISEASE.**

| Disease                                          | No. of<br>Cases<br>Notified | No. of<br>Cases<br>admitted<br>to<br>Hospital | No. of<br>Deaths |
|--------------------------------------------------|-----------------------------|-----------------------------------------------|------------------|
| Smallpox ... ..                                  | —                           | —                                             | —                |
| Diphtheria ... ..                                | 29                          | 28                                            | 3                |
| Scarlet Fever ... ..                             | 29                          | 29                                            | —                |
| Enteric Fever (including<br>Para-Typhoid) ... .. | 1                           | 1                                             | —                |
| Puerperal Fever ... ..                           | 1                           | —                                             | } 3              |
| Puerperal Pyrexia ... ..                         | 2                           | —                                             |                  |
| Pneumonia (Primary and<br>Influenzal) ... ..     | 57                          | —                                             | 17               |
| Erysipelas ... ..                                | 24                          | 3                                             | —                |
| Cerebro-Spinal Fever ... ..                      | 1                           | 1                                             | 2                |
| Ophthalmia Neonatorum ... ..                     | 9                           | —                                             | —                |

**ANALYSIS OF TOTAL NOTIFIED CASES  
IN AGE GROUPS.**

| Age Group    | Smallpox | Scarlet<br>Fever | Diphtheria | Enteric Fever<br>(including Para-<br>Typhoid) | Puerperal<br>Fever | Puerperal<br>Pyrexia | Pneumonia | Erysipelas | Cerebro Spinal<br>Fever | Ophthalmia<br>Neonatorum |
|--------------|----------|------------------|------------|-----------------------------------------------|--------------------|----------------------|-----------|------------|-------------------------|--------------------------|
| Under 1 year | —        | —                | —          | —                                             | —                  | —                    | 3         | 2          | —                       | 9                        |
| 1—2 years    | —        | —                | —          | —                                             | —                  | —                    | 5         | —          | —                       | —                        |
| 2—3 "        | —        | 2                | —          | —                                             | —                  | —                    | 3         | —          | —                       | —                        |
| 3—4 "        | —        | 1                | —          | —                                             | —                  | —                    | 4         | —          | —                       | —                        |
| 4—5 "        | —        | 2                | 4          | —                                             | —                  | —                    | 3         | —          | 1                       | —                        |
| 5—10 "       | —        | 13               | 14         | —                                             | —                  | —                    | 5         | 1          | —                       | —                        |
| 10—15 "      | —        | 9                | 6          | —                                             | —                  | —                    | 2         | —          | —                       | —                        |
| 15—20 "      | —        | 1                | 3          | 1                                             | 1                  | —                    | 5         | 2          | —                       | —                        |
| 20—35 "      | —        | 1                | 2          | —                                             | —                  | 1                    | 7         | 2          | —                       | —                        |
| 35—45 "      | —        | —                | —          | —                                             | —                  | 1                    | 5         | 3          | —                       | —                        |
| 45—65 "      | —        | —                | —          | —                                             | —                  | —                    | 10        | 11         | —                       | —                        |
| 65 & upwards | —        | —                | —          | —                                             | —                  | —                    | 5         | 3          | —                       | —                        |

## INFECTIOUS DISEASES IN WARDS.

| Disease               | Cleveland | Mandale | Old Th'by | St. Paul's | Victoria | West-bury | Total |
|-----------------------|-----------|---------|-----------|------------|----------|-----------|-------|
| Diphtheria            | 7         | 4       | 6         | 4          | 3        | 5         | 29    |
| Scarlet Fever         | 5         | 5       | 11        | 4          | —        | 4         | 29    |
| Enteric Fever         | —         | —       | —         | 1          | —        | —         | 1     |
| Puerperal Fever       | —         | —       | —         | —          | 1        | —         | 1     |
| Puerperal Pyrexia     | —         | —       | —         | 1          | —        | 1         | 2     |
| Pneumonia             | 11        | 5       | 16        | 7          | 10       | 8         | 57    |
| Erysipelas            | 4         | 4       | 4         | 4          | 4        | 4         | 24    |
| Cerebro-Spinal Fever  | —         | —       | 1         | —          | —        | —         | 1     |
| Ophthalmia Neonatorum | 4         | 2       | 2         | 1          | —        | —         | 9     |

Diphtheria antitoxin is supplied free to any Medical Practitioner in the Town who applies for it. Swabs from suspected cases are examined at Armstrong College, Newcastle-on-Tyne.

In consequence of a resolution of the Council a scheme for immunisation of children under 5 years of age, against Diphtheria, was commenced in the Child Welfare Clinics.

The method employed is by means of Alum Precipitated Toxoid, administered in two doses of 0.1 c.c. and 0.4 c.c. with a fortnight interval between the two doses.

The number of children completely immunised up to the end of 1937 was 92.

9 cases of Ophthalmia Neonatorum were notified during the year. Attention was given by the District Nurses and the Health Visitor. In no case was the sight found to be impaired.

## TUBERCULOSIS.

The following table shows the new cases and deaths for the Borough of Thornaby-on-Tees during 1937.

| Age Periods  | NEW CASES |    |               |    | TOTAL DEATHS |    |               |    |
|--------------|-----------|----|---------------|----|--------------|----|---------------|----|
|              | Pulmonary |    | Non-Pulmonary |    | Pulmonary    |    | Non-Pulmonary |    |
|              | M.        | F. | M.            | F. | M.           | F. | M.            | F. |
| Under 1 year | —         | —  | —             | —  | —            | —  | —             | —  |
| 1—5 years    | —         | —  | —             | —  | —            | —  | —             | —  |
| 5—10 „       | —         | —  | 1             | 1  | —            | —  | —             | —  |
| 10—15 „      | 2         | —  | 1             | 2  | —            | —  | —             | —  |
| 15—20 „      | —         | —  | —             | 1  | 2            | —  | —             | —  |
| 20—25 „      | —         | 3  | —             | —  | —            | —  | —             | —  |
| 25—35 „      | 1         | 1  | —             | —  | 1            | —  | —             | —  |
| 35—45 „      | 3         | 3  | —             | —  | —            | 2  | —             | —  |
| 45—55 „      | 4         | 1  | —             | —  | —            | —  | 1             | —  |
| 55—65 „      | —         | —  | —             | —  | 1            | —  | —             | —  |
| 65 & upwards | —         | —  | —             | —  | —            | —  | —             | —  |
| Totals       | 10        | 8  | 2             | 4  | 4            | 2  | 1             | —  |

|                 | 1937 | 1936 | 1935 | 1934 | 1933 |
|-----------------|------|------|------|------|------|
| Total new cases | 24   | 19   | 44   | 24   | 28   |
| Total Deaths    | 7    | 20   | 18   | 14   | 14   |

Of the 7 deaths, 6 were of notified cases, and 2 of these were notified during 1937.

## Classification of Non-Pulmonary cases of Tuberculosis.

|            |     |   |
|------------|-----|---|
| Abdominal  | ... | 4 |
| Peritoneum | ... | 1 |
| Osseous    | ... | 1 |

## Classification of Deaths from Non-Pulmonary Tuberculosis:

|             |     |   |
|-------------|-----|---|
| Generalised | ... | 1 |
|-------------|-----|---|

## REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1937.

### Sanitary Inspection of the Area.

#### Description of the Works carried out.

|                                    |     |     |     |     |       |
|------------------------------------|-----|-----|-----|-----|-------|
| Number of Inspections made         | ... | ... | ... | ... | 275   |
| Number of Re-Inspections made      | ... | ... | ... | ... | 3,345 |
| Number of Informal Notices served  | ... | ... | ... | ... | 275   |
| Number of Statutory Notices served | ... | ... | ... | ... | 27    |

#### Result of Service of Notices.

##### Drainage.

|                                                 |     |     |     |     |    |
|-------------------------------------------------|-----|-----|-----|-----|----|
| Single private drains reconstructed or repaired | ... | ... | ... | ... | 61 |
| Waste pipes of sinks trapped or renewed         | ... | ... | ... | ... | 11 |
| Gullies renewed                                 | ... | ... | ... | ... | —  |
| Grate tops renewed                              | ... | ... | ... | ... | 7  |

##### Water Closets.

|                                          |     |     |     |     |    |
|------------------------------------------|-----|-----|-----|-----|----|
| Provided with sufficient supply of water | ... | ... | ... | ... | —  |
| Cisterns repaired or renewed             | ... | ... | ... | ... | 11 |
| Basins renewed                           | ... | ... | ... | ... | 2  |

##### Houses.

|                                                   |     |     |     |     |     |     |
|---------------------------------------------------|-----|-----|-----|-----|-----|-----|
| Roofs repaired                                    | ... | ... | ... | ... | ... | 195 |
| Eaves gutters repaired or renewed                 | ... | ... | ... | ... | ... | 90  |
| Fall pipes repaired or renewed                    | ... | ... | ... | ... | ... | 54  |
| Yard pavements repaired or relaid                 | ... | ... | ... | ... | ... | 59  |
| Floors repaired or relaid                         | ... | ... | ... | ... | ... | 160 |
| Defective Walls                                   | ... | ... | ... | ... | ... | 454 |
| Defective plasterwork                             | ... | ... | ... | ... | ... | 525 |
| Defective ceilings                                | ... | ... | ... | ... | ... | 64  |
| Defective fireplaces                              | ... | ... | ... | ... | ... | 34  |
| Defective fireranges                              | ... | ... | ... | ... | ... | 72  |
| Defective ovens                                   | ... | ... | ... | ... | ... | 12  |
| Dilapidated set pots                              | ... | ... | ... | ... | ... | 3   |
| Dilapidated set pot firebars                      | ... | ... | ... | ... | ... | 19  |
| Handrails fixed or repaired                       | ... | ... | ... | ... | ... | 9   |
| Defective sash cords and windows                  | ... | ... | ... | ... | ... | 168 |
| Defective chimneys                                | ... | ... | ... | ... | ... | 59  |
| Defective yard doors                              | ... | ... | ... | ... | ... | 22  |
| Dilapidated coal doors                            | ... | ... | ... | ... | ... | 22  |
| Dilapidated doors (front and internal)            | ... | ... | ... | ... | ... | 33  |
| Dilapidated dustbins                              | ... | ... | ... | ... | ... | 57  |
| Dilapidated closet doors                          | ... | ... | ... | ... | ... | 20  |
| Dilapidated closet seats                          | ... | ... | ... | ... | ... | 7   |
| Defective closet roofs                            | ... | ... | ... | ... | ... | 46  |
| Defective joint between flush pipe and W.C. Basin | ... | ... | ... | ... | ... | 3   |
| New windows provided to food stores               | ... | ... | ... | ... | ... | 33  |
| Defective flues                                   | ... | ... | ... | ... | ... | 14  |

|                                    |     |     |     |     |     |
|------------------------------------|-----|-----|-----|-----|-----|
| Miscellaneous minor defects        | ... | ... | ... | ... | 239 |
| Patients removed to hospital       | ... | ... | ... | ... | 64  |
| Rooms disinfected                  | ... | ... | ... | ... | 77  |
| Accumulations of refuse removed    | ... | ... | ... | ... | 2   |
| Mattresses destroyed               | ... | ... | ... | ... | 157 |
| Sets of bedding and beds destroyed | ... | ... | ... | ... | 53  |
| Washing accommodation provided     | ... | ... | ... | ... | 16  |
| New food stores provided           | ... | ... | ... | ... | 38  |
| Sinks provided or renewed          | ... | ... | ... | ... | 66  |
| Houses provided with damp course   | ... | ... | ... | ... | 117 |
| Secondary means of access provided | ... | ... | ... | ... | 5   |
| Storage for coals provided         | ... | ... | ... | ... | 6   |

#### **Sanitary Conveniences.**

|                                                     |     |     |     |     |                    |
|-----------------------------------------------------|-----|-----|-----|-----|--------------------|
| Number of Privies, fixed receptacles                | ... | ... | ... | ... | 18                 |
| Number of Privies, moveable receptacles             | ... | ... | ... | ... | 8                  |
| Number of fresh Water-Closets                       | ... | ... | ... | ... | 5,497              |
| Privy-Middens cleansed                              | ... | ... | ... | ... | 831                |
| Pan-Closets cleansed                                | ... | ... | ... | ... | 404                |
| Dry ashbins cleansed                                | ... | ... | ... | ... | 289,281            |
| Loads of Rubbish—Trailer Loads $3,852\frac{3}{4}$ ; |     |     |     |     |                    |
| —Pan Cart Loads 1,177                               | ... | ... | ... | ... | $5,029\frac{3}{4}$ |

#### **Offensive Trades.**

There are no Offensive Trades carried on within the Borough.

#### **Common Lodging Houses.**

There are no Common Lodging Houses in the Borough.

#### **Slaughterhouses.**

|                               |     |     |     |     |      |
|-------------------------------|-----|-----|-----|-----|------|
| Number licensed               | ... | ... | ... | ... | 5    |
| Number of Inspections         | ... | ... | ... | ... | 606  |
| Number of Notices to Limewash | ... | ... | ... | ... | Nil. |
| Roofs repaired                | ... | ... | ... | ... | 1    |

#### **Dairies and Milkshops.**

|                       |     |     |     |     |    |
|-----------------------|-----|-----|-----|-----|----|
| Number on Register    | ... | ... | ... | ... | 36 |
| Number of Inspections | ... | ... | ... | ... | 74 |

#### **Milk (Special Designations) Order, 1936.**

|                                                                |   |
|----------------------------------------------------------------|---|
| Number of Dealers' Licences granted for Tuberculin Tested Milk | 1 |
| "    "    "    Accredited Milk                                 | 1 |
| "    "    "    Pasteurised Milk                                | 1 |
| Number of Supplementary Licences granted for Pasteurised Milk  | 1 |

#### **Cowsheds.**

|                                   |     |     |     |      |
|-----------------------------------|-----|-----|-----|------|
| Number of Registered Cowkeepers   | ... | ... | ... | 8    |
| Number of Cowsheds in the Borough | ... | ... | ... | 9    |
| Number of Inspections             | ... | ... | ... | 18   |
| Number of Notices to Limewash     | ... | ... | ... | Nil. |

### Inspection of Meat and Other Foods.

Below is a list of foodstuffs found to be unsound and unfit for human consumption. All were surrendered and destroyed:—

Beasts, 6 carcasses and part carcasses ... 189 stones  
 Corned Beef (in tin) ... 6 lbs.

### CARCASES INSPECTED AND CONDEMNED.

|                                                                                              | Cattle,<br>incl'ding<br>Cows | Calves | Sheep<br>and<br>Lambs | Pigs |
|----------------------------------------------------------------------------------------------|------------------------------|--------|-----------------------|------|
| Number killed ...                                                                            | 614                          | 86     | 1535                  | 1428 |
| Number inspected ...                                                                         | 491                          | 78     | 920                   | 1072 |
| <b>All diseases except Tuberculosis</b>                                                      |                              |        |                       |      |
| Whole carcasses condemned ...                                                                | —                            | —      | —                     | —    |
| Carcasses of which some part or<br>organ was condemned ...                                   | —                            | —      | —                     | —    |
| Percentage of the number in-<br>spected affected with disease<br>other than tuberculosis ... | —                            | —      | —                     | —    |
| <b>Tuberculosis only.</b>                                                                    |                              |        |                       |      |
| Whole carcasses condemned ...                                                                | 4                            | —      | —                     | —    |
| Carcasses of which some part or<br>organ was condemned ...                                   | 2                            | —      | —                     | —    |
| Percentage of the number in-<br>spected affected with tuber-<br>culosis ...                  | 1.22                         | —      | —                     | —    |

### DISEASES OF ANIMALS ACTS.

#### Tuberculosis Order of 1925.

There has been no case of Tuberculosis during the year.

The Area also remained free from this Disease during the year, 1936.

#### Swine Fever.

The Area has remained free from this Disease.

The figures for 1936 were:—

Two cases notified, these were not confirmed.

#### Foot and Mouth Disease.

#### Anthrax.

#### Parasitic Mange.

The Area has remained free from these diseases.

**Shops Act, 1934.**

|                                                                   |     |     |     |     |    |
|-------------------------------------------------------------------|-----|-----|-----|-----|----|
| Number of Inspections made                                        | ... | ... | ... | ... | 97 |
| Number of Re-Inspections made                                     | ... | ... | ... | ... | 20 |
| Number of Informal Notices served                                 | ... | ... | ... | ... | 2  |
| Number of Statutory Notices served                                | ... | ... | ... | ... | 3  |
| Number of Certificates of Exemption granted—Sanitary Conveniences | ... | ... | ... | ... | 18 |

**Result of Service of Notices.**

|                                                   |     |     |     |     |   |
|---------------------------------------------------|-----|-----|-----|-----|---|
| Sanitary Conveniences provided                    | ... | ... | ... | ... | 3 |
| Sanitary Conveniences—defects remedied            | ... | ... | ... | ... | 1 |
| Means provided to maintain reasonable temperature | ... | ... | ... | ... | 2 |
| Lighting provided                                 | ... | ... | ... | ... | — |
| Washing facilities provided                       | ... | ... | ... | ... | 1 |

**Eradication of Bed Bugs.**

The method adopted to eradicate the bed bug is as follows:—  
All paper is stripped from the walls, skirtings—door and window moulds removed, followed by the spraying of walls, woodwork and bedsteads with an insecticide. The rooms are inspected two days following the spraying and if found satisfactory the woodwork is refixed; in only a few instances has it been found necessary to spray a second time.

The houses of all prospective tenants for Council Houses are inspected and the house and furniture must be certified by the Sanitary Inspector as clear from vermin before removal takes place.

Disinfestation is generally carried out by the Local Authority. In other cases it is carried out by the occupiers on the advice of the Sanitary Department.

|                                                           |     |     |     |     |     |     |
|-----------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| Number of Inspections                                     | ... | ... | ... | ... | ... | 207 |
| Number of Council Houses infested                         | ... | ... | ... | ... | ... | 21  |
| Number of Council Houses disinfested                      | ... | ... | ... | ... | ... | 21  |
| Number of other houses infested                           | ... | ... | ... | ... | ... | 36  |
| Number of other houses disinfested by Sanitary Department | ... | ... | ... | ... | ... | 15  |
| Number of other houses disinfested by Occupiers or Owners | ... | ... | ... | ... | ... | 21  |

**Factory and Workshops Act, 1901.**

There are 30 Workshops on the Register including:—

|                         |     |     |    |                     |     |   |
|-------------------------|-----|-----|----|---------------------|-----|---|
| Bakehouses              | ... | ... | 10 | Dressmaking         | ... | 1 |
| Tailoring               | ... | ... | 1  | Garage and Repairs  | ... | 2 |
| Masons                  | ... | ... | 1  | Joinery             | ... | 2 |
| Boot and Shoe Repairing | ... | ... | 3  | Motor Body Building | ... | 1 |
| Saddlery                | ... | ... | 1  | Miscellaneous       | ... | 7 |
| Millinery               | ... | ... | 1  |                     |     |   |

### Inspection of Factories, Workshops and Workplaces.

| Premises          | Number of   |                 |                      |
|-------------------|-------------|-----------------|----------------------|
|                   | Inspections | Written Notices | Occupiers Prosecuted |
| Factories ... ..  | 50          | 3               | —                    |
| Workshops ... ..  | 62          | 1               | —                    |
| Workplaces ... .. | —           | —               | —                    |
| Totals ...        | 112         | 4               | —                    |

### Defects found in Factories, Workshops and Workplaces.

| Number of Defects                          |       |          |                             |                     |
|--------------------------------------------|-------|----------|-----------------------------|---------------------|
|                                            | Found | Remedied | Referred to H. M. Inspector | No. of Prosecutions |
| <b>NUISANCES UNDER PUBLIC HEALTH ACTS.</b> |       |          |                             |                     |
| Want of Cleanliness ...                    | 3     | 3        | —                           | —                   |
| Want of Ventilation ...                    | —     | —        | —                           | —                   |
| Overcrowding ...                           | —     | —        | —                           | —                   |
| Want of Drainage of Floors                 | —     | —        | —                           | —                   |
| Other Nuisances ...                        | 1     | 1        | —                           | —                   |
| <b>SANITARY ACCOMMODATION.</b>             |       |          |                             |                     |
| Insufficient ... ..                        | —     | —        | —                           | —                   |
| Unsuitable or defective                    | 3     | 3        | —                           | —                   |
| Not separate for Sexes ...                 | —     | —        | —                           | —                   |
| Totals ...                                 | 7     | 7        | —                           | —                   |

### HOUSING STATISTICS.

#### 1. Inspection of Dwelling Houses during the Year.

- (1) (a) Total number of dwelling-houses inspected for housing defects (Under Public Health or Housing Acts) ... .. 275
- (b) Number of inspections made for the purpose ... 3,345

|                                                                                                                                                                 |     |     |     |     |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-------|
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925        | ... | ... | ... | ... | 120   |
| (b) Number of inspections made for the purpose                                                                                                                  | ... | ... | ... | ... | 2,480 |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation                                    | ... | ... | ... | ... | —     |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | ... | ... | ... | ... | 275   |
| <b>2. Remedy of Defects during the Year without Service of Formal Notices.</b>                                                                                  |     |     |     |     |       |
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers                                     | ... | ... | ... | ... | 279   |
| <b>3. Action under Statutory Powers during the Year.</b>                                                                                                        |     |     |     |     |       |
| (a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:                                                                                           |     |     |     |     |       |
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs                                                                         | ... | ... | ... | ... | 18    |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices:—                                                                         |     |     |     |     |       |
| (a) By owners                                                                                                                                                   | ... | ... | ... | ... | 14    |
| (b) By Local Authority in default of owners                                                                                                                     | ... | ... | ... | ... | 4     |
| (b) Proceedings under Public Health Acts.                                                                                                                       |     |     |     |     |       |
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied                                                          | ... | ... | ... | ... | 9     |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices:—                                                                  |     |     |     |     |       |
| (a) By owners                                                                                                                                                   | ... | ... | ... | ... | 7     |
| (b) By Local Authority in default of owners                                                                                                                     | ... | ... | ... | ... | 1     |
| (c) Proceedings under sections 11 and 13 of the Housing Act, 1936:                                                                                              |     |     |     |     |       |
| (1) Number of dwelling-houses in respect of which Demolition Orders were made                                                                                   | ... | ... | ... | ... | —     |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders                                                                                      | ... | ... | ... | ... | —     |

## (d) Proceedings under section 12 of the Housing Act, 1936:

|                                                                                                                                                         |     |     |     |     |     |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|---|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made                                                      | ... | ... | ... | ... | ... | — |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | ... | ... | ... | ... | ... | — |

**4. Housing Act, 1936—Part IV—Overcrowding.**

|                                                                                                                                                                         |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| (a) (1) Number of dwellings overcrowded at end of year                                                                                                                  | 95   |
| (2) Number of families dwelling therein ... ..                                                                                                                          | 106  |
| (3) Number of persons dwelling therein ... ..                                                                                                                           | 729  |
| (b) Number of new cases of overcrowding reported during the year ... ..                                                                                                 | 1    |
| (c) (1) Number of cases of overcrowding relieved during the year ... ..                                                                                                 | 67   |
| (2) Number of persons concerned in such cases ...                                                                                                                       | 470  |
| (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... .. | 1    |
| (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report ...                      | None |

C. KNOX, Cert. R. San. I., etc.,

Sanitary Inspector.

## MATERNITY AND CHILD WELFARE SERVICES.

### 1. Ante-Natal Clinic. 17 Sessions were held.

|                           |     |     |       |     |
|---------------------------|-----|-----|-------|-----|
| Number of cases attending | ... | ... | ...   | 190 |
| Number of re-attendances  | ... | ... | ...   | 295 |
|                           |     |     | Total | 485 |

### 2. Dental Clinic. 11 Sessions were held.

|                                          |       |     |
|------------------------------------------|-------|-----|
| Number of expectant mothers treated      | ...   | 49  |
| Number of children under 5 years treated | ...   | 57  |
|                                          | Total | 106 |

### 3. Orthopaedic Treatment.

|                                                      |                   |
|------------------------------------------------------|-------------------|
| Number of new cases attending the Clinic during 1937 | 8                 |
| Number of re-attendances                             | 53                |
|                                                      | Total attendances |
|                                                      | 61                |
| Number of cases admitted to Hospital during 1937     | 7                 |

### 4. Treatment of Defective Vision.

3 children attended the Eye Clinic. Spectacles were recommended in 3 cases and the cost was borne by the Local Authority in 1 case. In the other two cases, glasses were purchased by the parents.

### 5. Infant Life Protection.

|                                                                    |     |   |
|--------------------------------------------------------------------|-----|---|
| Number of children on the books 1st January, 1937                  | ... | 2 |
| Number of new cases during 1937                                    | ... | — |
| Number of children who attained the age of 9 years during the year | ... | — |
| Number who left the district during the year                       | ... | — |
| Number remaining on the books 31st December, 1937                  |     | 2 |

### 6. Health Visiting.

|                                                     |     |       |
|-----------------------------------------------------|-----|-------|
| Visits made to children under 1 year for first time | ... | 494   |
| Total Visits                                        | ... | 1,371 |
| Visits made to children 1-5 years of age            | ... | 1,591 |
| Visits made to expectant mothers for first time     | ... | 69    |
| Total Visits                                        | ... | 300   |

## 7. Free Distribution of Milk.

Cow Milk was given free as follows:—

|                  |     |   |                 |     |    |
|------------------|-----|---|-----------------|-----|----|
| Ante-Natal Cases | ... | 7 | Nursing Mothers | ... | 10 |
|------------------|-----|---|-----------------|-----|----|

The supply of milk to many of the Ante-Natal Cases was continued into the Lactation period. Milk in all cases was given on medical advice.

## WORK CARRIED OUT AT THE MATERNITY

|                        | Sessions and Clinics held  |                           | Attendance by Dr. Brown                    |              |             | Ante-Natal Clinics                      |                                           |                                             | Post-Natal Clinics                            |                        |                                             | Dental Clinics     |                                             |                        |                                              |                   |                               |                                        |
|------------------------|----------------------------|---------------------------|--------------------------------------------|--------------|-------------|-----------------------------------------|-------------------------------------------|---------------------------------------------|-----------------------------------------------|------------------------|---------------------------------------------|--------------------|---------------------------------------------|------------------------|----------------------------------------------|-------------------|-------------------------------|----------------------------------------|
| Days                   | Total No. of Sessions held | Total No. of Clinics held | Total No. of Clinics attended by Dr. Brown | Under 1 year | Over 1 year | Total No. of children seen by Dr. Brown | Total No. of Sessions attended by Dr. Dow | Total No. of Expectant Mothers who attended | Total No. of Expectant M's. attended 1st time | Total No. of Re-visits | Total No. of Sessions attended by Dr. Brown | Total No. attended | Total No. of Nursing M's, etc. for 1st time | Total No. of Re-visits | Total No. of Sessions attended by Mr. Finlay | Total No. treated | Total No. of Children treated | Total No. of Expectant Mothers treated |
| <b>Mondays</b>         |                            |                           |                                            |              |             |                                         |                                           |                                             |                                               |                        |                                             |                    |                                             |                        |                                              |                   |                               |                                        |
| Orthopaedic Clinic ... | 16                         | 16                        | ...                                        | ...          | ...         | ...                                     | ...                                       | ...                                         | ...                                           | ...                    | ...                                         | ...                | ...                                         | ...                    | ...                                          | ...               | ...                           | ...                                    |
| <b>Tuesdays</b>        |                            |                           |                                            |              |             |                                         |                                           |                                             |                                               |                        |                                             |                    |                                             |                        |                                              |                   |                               |                                        |
| General Clinic ...     | 44                         | 44                        | 42                                         | 705          | 803         | 1508                                    | ...                                       | ...                                         | ...                                           | ...                    | ...                                         | ...                | ...                                         | ...                    | ...                                          | ...               | ...                           | ...                                    |
| <b>Thursdays</b>       |                            |                           |                                            |              |             |                                         |                                           |                                             |                                               |                        |                                             |                    |                                             |                        |                                              |                   |                               |                                        |
| DentalClinic           | 11                         | 11                        | ...                                        | ...          | ...         | ...                                     | ...                                       | ...                                         | ...                                           | ...                    | ...                                         | ...                | ...                                         | ...                    | 11                                           | 106               | 57                            | 49                                     |
| Eye Clinic             | 3                          | 3                         | ...                                        | ...          | ...         | ...                                     | ...                                       | ...                                         | ...                                           | ...                    | ...                                         | ...                | ...                                         | ...                    | ...                                          | ...               | ...                           | ...                                    |
| General Clinic ...     | 44                         | 44                        | 39                                         | 623          | 270         | 893                                     | ...                                       | ...                                         | ...                                           | ...                    | ...                                         | ...                | ...                                         | ...                    | ...                                          | ...               | ...                           | ...                                    |
| <b>Fridays</b>         |                            |                           |                                            |              |             |                                         |                                           |                                             |                                               |                        |                                             |                    |                                             |                        |                                              |                   |                               |                                        |
| Post Natal Clinic ...  | 4                          | 4                         | ...                                        | ...          | ...         | ...                                     | ...                                       | ...                                         | ...                                           | ...                    | 4                                           | 8                  | 7                                           | 1                      | ...                                          | ...               | ...                           | ...                                    |
| Ante-Natal Clinic ...  | 17                         | 17                        | ...                                        | ...          | ...         | ...                                     | 17                                        | 485                                         | 190                                           | 295                    | ...                                         | ...                | ...                                         | ...                    | ...                                          | ...               | ...                           | ...                                    |
| <b>TOTALS</b>          | 139                        | 139                       | 81                                         | 1328         | 1073        | 2401                                    | 17                                        | 485                                         | 190                                           | 295                    | 4                                           | 8                  | 7                                           | 1                      | 11                                           | 106               | 57                            | 49                                     |

## AND CHILD WELFARE CENTRE, DURING 1937.

| Eye Clinics |            |           | Ortho-<br>paedic Clinics  |                    |            |           | Particulars of General Clinics |                                   |                                         |                                |              |             |                   |              |             | Special Weighing Days |              |              |              |                               |
|-------------|------------|-----------|---------------------------|--------------------|------------|-----------|--------------------------------|-----------------------------------|-----------------------------------------|--------------------------------|--------------|-------------|-------------------|--------------|-------------|-----------------------|--------------|--------------|--------------|-------------------------------|
|             |            |           |                           |                    |            |           | Attendance of Mothers          |                                   |                                         | Attendance of Babies           |              |             | Weighing Days     |              |             |                       |              |              |              |                               |
| held        | 1st Visits | Re-visits | Total No. of Clinics held | Total No. attended | 1st Visits | Re-visits | Total No. of Mothers attended  | Total No. of new Mothers attended | Total No. of Expectant Mothers attended | Total No. of Children attended | Under 1 year | Over 1 year | Total No. Weighed | Under 1 year | Over 1 year | Born in 1935          | Born in 1934 | Born in 1933 | Born in 1932 | Total No. of Children Weighed |
| ..          | ..         | ..        | 16                        | 61                 | 8          | 53        | ...                            | ...                               | ...                                     | ..                             | ...          | ...         | ...               | ...          | ...         | ...                   | ...          | ...          | ...          | ...                           |
| ..          | ...        | ...       | ...                       | ...                | ...        | ...       | 5184                           | 272                               | 120                                     | 5378                           | 2610         | 2768        | 4402              | 3113         | 1289        | 33                    | 108          | 118          | 47           | 306                           |
| ..          | ...        | ...       | ...                       | ...                | ...        | ..        | ...                            | ...                               | ...                                     | ...                            | ...          | ...         | ...               | ...          | ...         | ...                   | ...          | ...          | ...          | ...                           |
| 3           | 3          | ...       | ...                       | ...                | ...        | ...       | ...                            | ...                               | ...                                     | ...                            | ...          | ...         | ...               | ...          | ...         | ...                   | ...          | ...          | ...          | ...                           |
| ..          | ...        | ...       | ...                       | ..                 | ...        | ...       | 2743                           | 112                               | 73                                      | 4269                           | 2032         | 2237        | 2556              | 1682         | 874         | 13                    | 70           | 57           | 39           | 179                           |
| ..          | ..         | ...       | ...                       | ...                | ...        | ...       | ...                            | ...                               | ...                                     | ...                            | ...          | ...         | ...               | ...          | ...         | ...                   | ...          | ...          | ...          | ...                           |
| ..          | ...        | ...       | ...                       | ...                | ...        | ...       | ...                            | ...                               | ...                                     | ...                            | ...          | ...         | ...               | ...          | ...         | ...                   | ...          | ...          | ..           | ...                           |
| 3           | 3          | ...       | 16                        | 61                 | 8          | 53        | 7927                           | 384                               | 193                                     | 9647                           | 4642         | 5005        | 6958              | 4795         | 2163        | 46                    | 178          | 175          | 86           | 485                           |

## STATISTICAL RETURNS.

|                               |     |     |     |     |     |
|-------------------------------|-----|-----|-----|-----|-----|
| Number of Legitimate Births   | ... | ... | ... | ... | 436 |
| Number of Illegitimate Births | ... | ... | ... | ... | 19  |
| Number of Still Births        | ... | ... | ... | ... | 20  |

Birth Rate per 1,000 population ... 20.92.

Number of Deaths of Infants under 1 year:—

|              |     |     |           |
|--------------|-----|-----|-----------|
| Legitimate   | ... | ... | 18        |
| Illegitimate | ... | ... | 0         |
| Total        | ... |     | <u>18</u> |

Infantile Mortality Rate per 1,000 live Births:—

|              |     |     |       |
|--------------|-----|-----|-------|
| Legitimate   | ... | ... | 39.56 |
| Illegitimate | ... | ... | 0.00  |

Maternal Mortality:—

|                            |     |     |     |
|----------------------------|-----|-----|-----|
| (a) from Sepsis            | ... | ... | 0   |
| (b) from other causes      | ... | ... | 3   |
| Rate per 1000 Total Births | ... | ... | 6.3 |

The following Table gives the infantile mortality rate for Thornaby and England and Wales, respectively since 1928.

## INFANTILE MORTALITY RATES.

| Year. | Thornaby | England & Wales. |
|-------|----------|------------------|
| 1928  | 92.4     | 65               |
| 1929  | 111.5    | 74               |
| 1930  | 89.9     | 60               |
| 1931  | 81.0     | 66               |
| 1932  | 78.2     | 65               |
| 1933  | 66.6     | 64               |
| 1934  | 55.2     | 59               |
| 1935  | 66.1     | 57               |
| 1936  | 82.0     | 59               |
| 1937  | 39.5     | 58               |

## INFANTILE MORTALITY DURING THE YEAR.

Deaths from stated causes at various ages under 1 year of age.

| Cause of Death                                    | Under<br>1 week | 1-2<br>weeks | 2-3<br>weeks | 3-4<br>weeks | Total<br>under<br>4<br>weeks | 1 month<br>and<br>under<br>3 m'ths | 3-6<br>months | 6-9<br>months | 9-12<br>months | Total<br>deaths<br>under<br>1 year |
|---------------------------------------------------|-----------------|--------------|--------------|--------------|------------------------------|------------------------------------|---------------|---------------|----------------|------------------------------------|
| Influenza ...                                     | —               | —            | —            | —            | —                            | —                                  | —             | —             | 1              | 1                                  |
| Bronchitis ...                                    | —               | —            | —            | —            | —                            | 2                                  | —             | —             | —              | 2                                  |
| Pneumonia ...                                     | —               | 2            | —            | —            | 2                            | —                                  | —             | —             | —              | 2                                  |
| Diarrhoea (under<br>2 years) ...                  | —               | —            | —            | —            | —                            | 1                                  | 1             | —             | —              | 2                                  |
| Congenital Debility,<br>Premature Birth, etc. ... | 5               | 2            | —            | —            | 7                            | 2                                  | —             | —             | —              | 9                                  |
| Other Violence ...                                | —               | —            | —            | —            | —                            | 1                                  | —             | —             | —              | 1                                  |
| Other Defined<br>Diseases ...                     | —               | —            | —            | 1            | 1                            | —                                  | —             | —             | —              | 1                                  |
| Totals ...                                        | 5               | 4            | —            | 1            | 10                           | 6                                  | 1             | —             | 1              | 18                                 |

## INFANTILE MORTALITY IN THE WARDS

| Cause of Death                                      | Cleveland | Mandale | Old<br>Th'by | St.<br>Paul's | Victoria | West-<br>bury | Total |
|-----------------------------------------------------|-----------|---------|--------------|---------------|----------|---------------|-------|
| Influenza ...                                       | —         | 1       | —            | —             | —        | —             | 1     |
| Bronchitis ...                                      | 1         | 1       | —            | —             | —        | —             | 2     |
| Pneumonia ...                                       | 1         | —       | —            | —             | 1        | —             | 2     |
| Diarrhoea (under<br>2 years) ...                    | —         | —       | —            | 1             | —        | 1             | 2     |
| Congenital Debility,<br>Premature Birth<br>Etc. ... | 1         | 2       | 2            | —             | 3        | 1             | 9     |
| Other Violence ...                                  | —         | 1       | —            | —             | —        | —             | 1     |
| Other Defined<br>Diseases ...                       | —         | —       | —            | —             | 1        | —             | 1     |
| TOTALS ...                                          | 3         | 5       | 2            | 1             | 5        | 2             | 18    |

## ANNUAL REPORT FOR THE YEAR, 1937

The general routine of the work has not been altered except the Ante-Natal Clinics which are held weekly instead of monthly, and in addition a Post-Natal Clinic is held monthly.

### **Sewing Department.**

This Department still continues doing much useful work especially in connection with the Ante-Natal Clinics. Several of the Ladies' Committee attend the Health Centre twice weekly, weekly or monthly, and give instruction and help to the expectant mothers in the preparation of clothes necessary for the coming of the new baby.

In addition they attend the General Clinics and do likewise with regard to the babies and to children up to 5 years of age.

These garments are made and provided at a very low cost which is a great help to the mothers whose husbands are unemployed.

### **Social Functions.**

1.—On January 12th and 13th, 1937, the usual Annual Party was held. The tea and entertainment were kindly provided by the Ladies' Voluntary Committee and at the close, fruit and sweets were distributed through the generosity of the Stockton Co-operative Society and Mr. Welford of Redcar.

The Chairman on each day was Alderman Oxberry. Five mothers tied for the Challenge Cup which was handed over to one of the successful mothers. Eleven useful presents, the gift of Nurse Ramsay, were presented by the Mayoress for the highest number of attendances. Several visitors, including Officials and Members of the Council were present on both days.

2.—On June 2nd, 1937, the Ladies' Committee entertained, on the Cricket Field, the 240 mothers and their children (73 under 1 year, 219 over 1 year) who attend the Welfare Centre, and the gathering on this date was favoured with a very fine day. At the conclusion of a varied programme of competitive games, tea was served, and thoroughly enjoyed by all. Useful gifts were awarded and presented to the successful mothers by the Mayoress (Mrs. McGann).

Among the visitors were the Mayor and Mayoress (Alderman Hough and Mrs. McGann), Alderman Oxberry and Miss Oxberry, Councillors Shepherd and Holmes.

In conclusion I wish to give my most sincere thanks to all the Ladies' Committee for their great help and most valuable assistance to me during the year 1937 and past years. It has been a very happy year for us all, due to their close co-operation and loyalty, and it has been a great pleasure to Dr. Brown and I to know that the mothers have appreciated our help and advice given at the Welfare Centre.

MARY J. D. RAMSAY,

Health Visitor.

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