

**[Report 1957] / Medical Officer of Health, Scunthorpe Borough.**

**Contributors**

Scunthorpe (England). Borough Council.

**Publication/Creation**

1957

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**Borough of Scunthorpe**

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**ANNUAL REPORT**  
**ON THE**  
**HEALTH**  
**AND**  
**SANITARY CONDITION**  
**OF THE TOWN**  
**1957**



# BOROUGH OF SCUNTHORPE

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TELEPHONE NO. 4591



*With the Compliments  
of the Medical Officer of Health*

PUBLIC HEALTH DEPARTMENT.  
SCUNTHORPE.  
Lincs.

1957

BOROUGH OF SCUNTHORPE.

(*Mayor*—COUNCILLOR G. McQUADE).

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Public Health Committee.

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*Chairman*—ALDERMAN H. SPENCER.

*Vice-Chairman*—COUNCILLOR C. A. WATSON.

ALDERMAN MRS. A. EYRE.

ALDERMAN W. H. PULLING.

COUNCILLOR K. ASHWORTH.

COUNCILLOR MRS. A. CROPPER.

COUNCILLOR N. PRICE.

COUNCILLOR T. K. PARKINSON.

COUNCILLOR MRS. V. WILMSHURST.

COUNCILLOR MRS. M. S. ABRAHAM.

*Ex-Officio Member of Committee*—

COUNCILLOR G. McQUADE, *Mayor*.

## Public Health Department.

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### *Medical Officer of Health—*

S. CHILDS, M.A., M.B., CH.B., D.P.H., D.T.M. AND H., D.P.A.

### *Chief Public Health Inspector and Director of Public Cleansing—*

DAVID P. NASH, M.A.P.H.I., CERT. MEAT INSP.

### *Deputy Chief Public Health Inspector—*

GEORGE O. ALLEN, M.R.S.H., M.A.P.H.I., CERT. MEAT INSP.

### *Public Health Inspectors—*

KENNETH WILLIAMS, A.R.S.H., M.A.P.H.I., CERT. MEAT INSP., CERT. SMOKE INSP. (Resigned 31.12.57).

LEONARD J. HOWSON, A.R.S.H., M.A.P.H.I., CERT. MEAT INSP.

DONALD B. WHITE, A.R.S.H., M.A.P.H.I.

### *Pupil Public Health Inspectors—*

DAVID C. BARNES.

MALCOLM J. WHITEHEAD.

### *Infectious Diseases Nurse—*

Mrs. M. FORD, S.R.N., R.F.N.

### *Chief Clerk—*

ALAN J. RIX, D.P.A., M.R.INST.P.A.

### *Clerks—*

Miss PAMELA J. CARNABY.

Miss MARGARET BURKS.

### *School Medical Clerk—*

Mrs. MARCIA J. MORTON.

*To the*

CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

The year 1957 has passed smoothly so far as the health of the town is concerned, the only unusual occurrence being the outbreak of influenza which visited Scunthorpe and caused a great deal of absenteeism in industry, and was responsible for the deaths of 6 persons. This outbreak is reported more fully elsewhere in the Report.

The population of the town increased by 730. The natural increase caused by the surplus of births over deaths amounted to 637, the migration increase to 93.

The various health indices remain satisfactory and there was a record low figure of deaths from tuberculosis during the year.

The most notable adverse record was that of cancer deaths which reached a new high peak of 100, and lung cancer made a new record by accounting for 24 deaths. An untimely death from cancer of the lung appears to be a high price to pay for the expensive and somewhat doubtful pleasure of smoking, but it may be that we are merely observing a new manifestation of the old law of the survival of the fittest, this time with the advantage very much in favour of the non-smoker. It is commonly held that smoking is a help to thinking and it would seem to be a suitable subject for meditation that in the long run smoking and survival may be incompatible.

The new method of using bulk oxygen in the steel furnaces of the local works has caused a sudden noticeable increase in the atmospheric pollution of the town. This problem will require to be tackled immediately and with more obvious results by the technical experts whose responsibility it is, if Scunthorpe is to be saved from degenerating into just another dirty industrial town in spite of the best efforts of its inhabitants and Council to beautify it and keep it up to modern garden city standards. At present on clear days the distinctive drift from the works can easily be seen from many miles away and during calm weather the town is now existing under a permanent industrial haze similar to that seen in the rest of the Midlands.

In September the water supply to part of the Borough became suspect for some days after one of the water mains had been opened to allow for alterations, but fortunately no disease arose from the contamination.

It has been a pleasure to attend the health committee meetings and to serve with such a pleasant and progressive group of persons in the general interests of the borough.

I am very pleased to be able to thank all the staff of the Health Department for their willing co-operation and to remark on the happy spirit which pervades the department and to acknowledge that Mr. Nash, the Chief Public Health Inspector has as usual been my guiding light in the completion of the environmental hygiene section of the report.

S. CHILDS,

*Medical Officer of Health.*

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## STATISTICS SUMMARISED FOR 1957.

|                                                                     |       |       |       |       |       |            |       |
|---------------------------------------------------------------------|-------|-------|-------|-------|-------|------------|-------|
| Area of the Borough                                                 | ..... | ..... | ..... | ..... | ..... | 7,895      | acres |
| Population (Mid-1957 Registrar General's estimate)                  | ..... |       |       |       |       | 59,490     |       |
| Population increase                                                 | ..... | ..... | ..... | ..... | ..... | 730        |       |
| Number of inhabited houses (December 1957 rate books)               |       |       |       |       |       | 18,384     |       |
| Density of population per acre                                      | ..... | ..... | ..... | ..... | ..... | 7.54       |       |
| Rateable Value (1st April, 1957).....                               | ..... | ..... | ..... | ..... | ..... | £1,194,596 |       |
| Product of penny rate (1st April, 1957)                             | ..... | ..... |       |       |       | £4,435     |       |
| Number of Births—(a) Legitimate                                     | M.    | 576   | F.    | 534   |       |            |       |
| (b) Illegitimate                                                    | M.    | 18    | F.    | 26    |       | 1,154      |       |
| Birth rate (per 1,000 population)                                   | ..... | ..... | ..... | ..... | ..... | 19.39      |       |
| Number of Stillbirths—(a) Legitimate                                | M.    | 16    | F.    | 17    |       |            |       |
| (b) Illegitimate                                                    | M.    | 3     | F.    | 1     |       | 37         |       |
| Death rate (per 1,000 population).....                              | ..... | ..... | ..... | ..... | ..... | 8.69       |       |
| Number of deaths under 1 year—M.                                    | 17    | F.    | 11    |       | ..... | 28         |       |
| Infantile death rate (per 1,000 live births)                        | ..... | ..... | ..... | ..... | ..... | 24.26      |       |
| Legitimate infant death rate (per 1,000 legitimate live births)     | ..... | ..... | ..... | ..... | ..... | 25.22      |       |
| Illegitimate infant death rate (per 1,000 illegitimate live births) | ..... | ..... | ..... | ..... | ..... | —          |       |
| (no illegitimate infant deaths)                                     |       |       |       |       |       |            |       |
| Number of deaths under 4 weeks—M.                                   | 8     | F.    | 10    |       | ..... | 18         |       |
| Neonatal death rate (per 1,000 live births)                         | ..... | ..... | ..... | ..... | ..... | 15.59      |       |
| Perinatal mortality rate (per 1,000 live births)                    | ..... | ..... | ..... | ..... | ..... | 46.79      |       |
| Number of deaths from cancer                                        | ..... | ..... | ..... | ..... | ..... | 100        |       |
| Number of deaths from tuberculosis                                  | ..... | ..... | ..... | ..... | ..... | 2          |       |
| Puerperal deaths—(a) Sepsis                                         | ..... | ..... | ..... | ..... | ..... | 2          |       |
| (b) Other                                                           | ..... | ..... | ..... | ..... | ..... | —          |       |
| Maternal mortality rate                                             | ..... | ..... | ..... | ..... | ..... | 1.68       |       |

## BIRTHS AND DEATHS IN INDIVIDUAL WARDS.

| Ward       | Estimated<br>Popu-<br>lation | Births |     |       |       | Deaths |     |       |       |
|------------|------------------------------|--------|-----|-------|-------|--------|-----|-------|-------|
|            |                              | M.     | F.  | Total | Rate  | M.     | F.  | Total | Rate  |
| Ashby      | 14,851                       | 218    | 210 | 428   | 28.82 | 63     | 39  | 102   | 6.87  |
| Brumby     | 9,558                        | 102    | 88  | 190   | 19.88 | 35     | 29  | 64    | 6.70  |
| Crosby     | 3,742                        | 35     | 28  | 63    | 16.84 | 32     | 23  | 55    | 14.70 |
| East       | 2,489                        | 25     | 21  | 46    | 18.48 | 13     | 12  | 25    | 10.04 |
| Frodingham | 10,204                       | 100    | 97  | 197   | 19.31 | 49     | 24  | 73    | 7.15  |
| Park       | 7,307                        | 37     | 49  | 86    | 11.77 | 43     | 30  | 73    | 9.99  |
| Town       | 3,667                        | 19     | 17  | 36    | 9.82  | 35     | 26  | 61    | 16.63 |
| West       | 7,672                        | 58     | 50  | 108   | 14.08 | 40     | 24  | 64    | 8.34  |
|            | 59,490                       | 594    | 560 | 1,154 |       | 310    | 207 | 517   |       |

## REGISTERED UNEMPLOYED IN THE SCUNTHORPE EMPLOYMENT EXCHANGE AREA.

The following table gives the monthly average figure of the number of unemployed, aged 18 years and over, in receipt of Unemployment benefit:—

|                 | Men | Women | Total |
|-----------------|-----|-------|-------|
| January .....   | 72  | 61    | 133   |
| February .....  | 98  | 73    | 171   |
| March .....     | 89  | 76    | 165   |
| April .....     | 106 | 68    | 174   |
| May .....       | 97  | 51    | 148   |
| June .....      | 86  | 41    | 127   |
| July .....      | 56  | 28    | 84    |
| August .....    | 59  | 34    | 93    |
| September ..... | 93  | 44    | 137   |
| October .....   | 66  | 31    | 97    |
| November .....  | 95  | 39    | 134   |
| December .....  | 104 | 62    | 166   |

## NATIONAL HEALTH INSURANCE—NEW CLAIMS.

### Monthly Totals.

|                 |        |
|-----------------|--------|
| January .....   | 1,181  |
| February .....  | 1,087  |
| March .....     | 1,288  |
| April .....     | 880    |
| May .....       | 899    |
| June .....      | 840    |
| July .....      | 640    |
| August .....    | 838    |
| September ..... | 2,730  |
| October .....   | 3,031  |
| November .....  | 1,716  |
| December .....  | 1,381  |
|                 | 16,511 |

## MEDICAL SERVICES IN THE AREA.

---

### 1. INSTITUTIONS.

#### **Brumby Hospital (Scunthorpe Hospital Management Committee).**

The following cases were admitted to the Brumby Hospital during the year:—

|                               |     |
|-------------------------------|-----|
| Influenza                     | 92  |
| Gastro Enteritis              | 72  |
| Scarlet Fever                 | 44  |
| Pneumonia and Croup           | 41  |
| Measles                       | 20  |
| Whooping Cough                | 18  |
| Tonsillitis                   | 15  |
| Chicken Pox                   | 11  |
| Impetigo                      | 8   |
| Poliomyelitis (Non-Paralytic) | 7   |
| Poliomyelitis (Paralytic)     | 5   |
| Food Poisoning                | 5   |
| Meningitis                    | 4   |
| Asthma                        | 3   |
| Venereal Diseases             | 2   |
| Mumps                         | 2   |
| Sensitivity Rash              | 2   |
| Coryza                        | 2   |
| Dysentery                     | 3   |
| Other Diseases                | 12  |
|                               | 368 |

Nine deaths occurred—seven from Influenzal Pneumonia and Broncho Pneumonia and one each from Encephalitis and Gastro Enteritis.

#### **Scunthorpe Maternity Home (Scunthorpe Hospital Management Committee).**

During 1957 there were 1,127 normal confinements, 53 abnormal cases, and 199 emergency cases. The number of cases admitted for ante-natal supervision was 200. A total of 1,563 cases were admitted during the year.

#### **Glanford Hospital, Brigg (Sheffield Regional Hospital Board).**

During the year, 301 patients were admitted from Scunthorpe.

#### **Bracebridge Heath Mental Hospital.**

The number of attendances at the Psychiatric Clinic at the War Memorial Hospital during 1957 was 587.

## **Scunthorpe and District War Memorial Hospital.**

This is a General Hospital having the following departments :—

|                      |               |
|----------------------|---------------|
| Medical              | Orthopædic    |
| Surgical             | Dental        |
| Dermatological       | Casualty      |
| Ophthalmic           | Gynæcological |
| Ear, Nose and Throat | Pathological  |
| Radiological         | Cardiological |
| Dietetic             | Septic Hand   |
| Physiotherapy        | Pædiatrics.   |
| Radiotherapy         |               |

## **2. OTHER MEDICAL SERVICES.**

### **Private Medical Practitioners.**

There are 25 doctors living in the Borough engaged in private practice.

### **Scunthorpe Borough Nursing Association.**

The following table gives details of cases nursed and visits paid during 1957 :—

| CASES NURSED.        |       | VISITS PAID.         |        |
|----------------------|-------|----------------------|--------|
| Midwifery .....      | 264   | Midwifery .....      | 4,573  |
| Maternity .....      | 80    | Maternity .....      | 1,363  |
| General .....        | 1,012 | General .....        | 45,482 |
| Maternity Home ..... | 634   | Maternity Home ..... | 2,183  |
| Maternal Complaints  | 1     | Casual .....         | 426    |
|                      | —     | Ante-Natal .....     | 2,868  |
|                      | 1,991 | Others .....         | 47     |
|                      | —     |                      | —      |
|                      |       |                      | 56,942 |
|                      |       |                      | —      |

### **Public Mortuary.**

62 bodies were received during the year and 55 post-mortem examinations were performed. In addition the mortuary at the War Memorial Hospital was used by the police 32 times for cases of sudden death which came to their notice.

## **CLINICS HELD DURING 1957.**

The following special clinics were held during the year :—

### **Parkinson Avenue Clinic.**

|                |            |
|----------------|------------|
| Ante-Natal     | Eye        |
| Infant Welfare | Toddlers   |
| Immunisation   | Heart      |
| School         | Rheumatism |

Sunlight  
Female V.D.  
Male V.D.

Vaccination  
Dental  
Ophthalmic

**Collum Lane Clinic, Ashby.**

Infant Welfare  
Toddlers  
Immunisation  
School Clinic

Sunlight  
Ante-Natal  
Vaccination  
Family Planning

**SCUNTHORPE SCHOOLS, 1957.**

I am indebted to Mr. J. Edmonds, Divisional Educational Officer, for the following information showing the number of boys and girls in each school in the Borough during 1957:—

| Number on Roll                        |             |             |              |
|---------------------------------------|-------------|-------------|--------------|
|                                       | Boys        | Girls       | Total        |
| Ashby County Infants .....            | 108         | 107         | 215          |
| Ashby County Junior .....             | 233         | 237         | 470          |
| Ashby Secondary Modern Girls .....    | —           | 466         | 466          |
| Priory Lane County Infants .....      | 131         | 114         | 245          |
| Priory Lane County Junior .....       | 250         | 234         | 484          |
| Lincoln Gardens County Infants .....  | 139         | 126         | 265          |
| Lincoln Gardens County Junior .....   | 324         | 303         | 627          |
| Grange Lane County Infants .....      | 162         | 145         | 307          |
| Grange Lane County Junior .....       | 157         | 166         | 323          |
| St. Bernadette's R.C. ....            | 226         | 214         | 440          |
| Riddings County Infants .....         | 110         | 117         | 227          |
| Rochdale Road County Junior .....     | 188         | 202         | 390          |
| Bushfield Road County Infants .....   | 104         | 130         | 234          |
| Brumby County Junior Girls .....      | —           | 388         | 388          |
| Brumby County Junior Boys .....       | 441         | —           | 441          |
| Brumby Boys' Secondary .....          | 484         | —           | 484          |
| Crosby County Infants .....           | 121         | 118         | 239          |
| Crosby County Junior .....            | 258         | 243         | 501          |
| Doncaster Road Girls' Secondary ..... | —           | 444         | 444          |
| Doncaster Road Boys' Secondary .....  | 449         | —           | 449          |
| Henderson Avenue County Infants ..... | 165         | 136         | 301          |
| Henderson Avenue County Junior .....  | 311         | 306         | 617          |
| Frodingham County Infants .....       | 201         | 196         | 397          |
| Scunthorpe C.E. Infants .....         | 69          | 88          | 157          |
| Scunthorpe C.E. Junior .....          | 145         | 130         | 275          |
| Foxhills Secondary .....              | 288         | 276         | 564          |
| Westcliffe Secondary .....            | 383         | 367         | 750          |
| Grammar Technical .....               | 303         | 328         | 631          |
| Grammar .....                         | 375         | 419         | 794          |
|                                       | <hr/> 6,125 | <hr/> 6,000 | <hr/> 12,125 |

## DIPHTHERIA IMMUNISATIONS.

The number of immunisations in children under 5 years of age and the number of children born each year for the last five years are given in the table. The percentage of total births immunised is 58.45%.

|      |       |       | Children<br>Immunised<br>0—5 years | Children<br>Born |
|------|-------|-------|------------------------------------|------------------|
| 1953 | ..... | ..... | 598                                | 1060             |
| 1954 | ..... | ..... | 629                                | 1042             |
| 1955 | ..... | ..... | 689                                | 997              |
| 1956 | ..... | ..... | 567                                | 1093             |
| 1957 | ..... | ..... | 642                                | 1154             |
|      |       |       | <hr/> 3125 <hr/>                   | <hr/> 5346 <hr/> |

## IMMUNISATIONS and VACCINATIONS, SCHOOL MEDICAL INSPECTIONS, MENTAL DEFECTIVES and HOME HELPS.

I am indebted to Dr. C. D. Cormac, County Medical Officer of Health, for the following information on these services:—

### Immunisations and Vaccinations.

The following numbers of children were immunised in Scunthorpe during 1957:—

|                                                               |       |       |     |
|---------------------------------------------------------------|-------|-------|-----|
| No. of initial immunisations—                                 |       |       |     |
| Under 5 years of age.....                                     | ..... | ..... | 43  |
| 5—14 years .....                                              | ..... | ..... | 71  |
| No. of boosting doses .....                                   | ..... | ..... | 678 |
| Whooping Cough (under 5 years) .....                          | ..... | ..... | 5   |
| Combined Diphtheria & Whooping Cough<br>(under 5 years) ..... | ..... | ..... | 599 |

The following numbers of children were vaccinated in Scunthorpe during 1957:—

|                                 |       |       |     |
|---------------------------------|-------|-------|-----|
| Number of vaccinations .....    | ..... | ..... | 307 |
| Number of re-vaccinations ..... | ..... | ..... | 67  |

# SCHOOL MEDICAL INSPECTION, 1957.

| AGE GROUPS                                                                                                          | Number of Children |                                                                                                                         |                                           |                                               | Physical Condition |                  |
|---------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------|--------------------|------------------|
|                                                                                                                     | In-spected         | Found to require treatment (including cases under treatment, but excluding Dental Diseases and Infestation with vermin) |                                           |                                               | (Satisfactory)     | (Unsatisfactory) |
|                                                                                                                     |                    | For Defective Vision (excluding Squint)                                                                                 | For any other condition recorded opposite | Total individual children requiring treatment |                    |                  |
| <b>Entrants</b> (1st Periodic Exam. after admission to a maintained school)                                         | 1007               | —                                                                                                                       | 175                                       | 175                                           | 958                | 49               |
| <b>Second Age Group</b> (Children in first year of attendance at secondary school) .....                            | 978                | 53                                                                                                                      | 35                                        | 85                                            | 975                | 3                |
| <b>Third Age Group</b> (Children in last year of attendance at school) .....                                        | 870                | 38                                                                                                                      | 22                                        | 60                                            | 866                | 4                |
| <b>TOTAL</b> .....                                                                                                  | 2855               | 91                                                                                                                      | 232                                       | 320                                           | 2799               | 56               |
| Additional periodic inspections *<br>* e.g. Pupils in special schools or who missed the usual periodic examination. | 96                 | 1                                                                                                                       | 3                                         | 4                                             | 95                 | 1                |
| <b>GRAND TOTAL</b>                                                                                                  | 2951               | 92                                                                                                                      | 235                                       | 324                                           | 2894               | 57               |

Number of Supervisory Examinations—2515.

Number of Special Examinations—14.

| DEFECTS             | Periodic Inspections |                       | Special Inspections |                       |
|---------------------|----------------------|-----------------------|---------------------|-----------------------|
|                     | No. of Defects       |                       | No. of Defects      |                       |
|                     | Requiring treatment  | Requiring observation | Requiring treatment | Requiring observation |
| SKIN .....          | 51                   | 103                   | —                   | —                     |
| EYES                |                      |                       |                     |                       |
| (a) Vision .....    | 92                   | 137                   | 3                   | 3                     |
| (b) Squint .....    | 27                   | 33                    | —                   | —                     |
| (c) Other .....     | 16                   | 21                    | 1                   | 2                     |
| EARS                |                      |                       |                     |                       |
| (a) Hearing .....   | 6                    | 19                    | —                   | —                     |
| (b) Otitis Media... | 3                    | 5                     | —                   | —                     |
| (c) Other .....     | 3                    | 8                     | —                   | —                     |
| NOSE AND THROAT...  | 11                   | 224                   | —                   | —                     |
| SPEECH .....        | 11                   | 41                    | —                   | —                     |
| LYMPHATIC GLANDS    | 7                    | 118                   | —                   | —                     |
| HEART .....         | 14                   | 32                    | —                   | —                     |
| LUNGS .....         | 12                   | 88                    | —                   | —                     |
| DEVELOPMENTAL       |                      |                       |                     |                       |
| (a) Hernia .....    | 4                    | 44                    | —                   | —                     |
| (b) Other .....     | 5                    | 20                    | —                   | —                     |
| ORTHOPÆDIC          |                      |                       |                     |                       |
| (a) Posture .....   | 1                    | 39                    | —                   | —                     |
| (b) Feet .....      | 6                    | 170                   | —                   | —                     |
| (c) Other .....     | 20                   | 232                   | —                   | —                     |
| NERVOUS SYSTEM      |                      |                       |                     |                       |
| (a) Epilepsy .....  | 1                    | 9                     | —                   | —                     |
| (b) Other .....     | 1                    | 7                     | —                   | —                     |
| PSYCHOLOGICAL       |                      |                       |                     |                       |
| (a) Development     | 3                    | 87                    | 1                   | 1                     |
| (b) Stability ..... | —                    | 11                    | 1                   | 2                     |
| ABDOMEN .....       | 1                    | 3                     | —                   | —                     |
| OTHER .....         | 39                   | 54                    | —                   | 1                     |

Number of Normal Children—Boys 890, Girls 772.

## **MENTAL DEFECTIVES.**

### **Register of Mental Defectives in Scunthorpe as on 31st December, 1957.**

|                                            | Males    | Females  | Total     |
|--------------------------------------------|----------|----------|-----------|
| In M.D. Institutions .....                 | 22       | 17       | 39        |
| In mental hospitals under Lunacy Act ..... | 4        | 2        | 6         |
| Under guardianship .....                   | 1        | 1        | 2         |
| Under statutory supervision at home .....  | 55       | 32       | 87        |
| Under voluntary supervision at home .....  | 14       | 18       | 32        |
|                                            | <hr/> 96 | <hr/> 70 | <hr/> 166 |

#### **Of the patients under supervision :**

|                                          |    |   |    |
|------------------------------------------|----|---|----|
| Number awaiting institutional care ..... | 12 | 3 | 15 |
| Number attending occupation centre ..... | 12 | 6 | 18 |

## **HOME HELPS.**

|                                   |     |
|-----------------------------------|-----|
| Number of Cases Attended .....    | 147 |
| Number of Domestic Helps employed | 29  |

# COMPARATIVE STATISTICS.

| Year | Population estimated to middle of each year | Area in Acres | Density (persons per acre) | No. of inhabited houses | BIRTHS |                           | DEATHS              |                           | Notified Infectious Disease | Notifications of Tuberculosis | Deaths from Cancer | Cancer Death Rate per 1,000 population |
|------|---------------------------------------------|---------------|----------------------------|-------------------------|--------|---------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------|----------------------------------------|
|      |                                             |               |                            |                         | Number | Rate per 1,000 population | Under 1 year of age | At all ages               |                             |                               |                    |                                        |
|      |                                             |               |                            |                         | Number | Per 1,000 Live Births     | Number              | Rate per 1,000 population |                             |                               |                    |                                        |
| 1921 | 27,790                                      | 7,961         | 3.49                       | 5,531                   | 906    | 32.60                     | 77                  | 86.00                     | 391                         | 79                            | 18                 | .647                                   |
| 1926 | 32,820                                      | 7,961         | 4.12                       | 6,457                   | 678    | 20.60                     | 31                  | 45.00                     | 509                         | 81                            | 30                 | .914                                   |
| 1931 | 33,990                                      | 7,895         | 4.30                       | 7,548                   | 616    | 18.10                     | 51                  | 83.00                     | 431                         | 65                            | 34                 | 1.000                                  |
| 1936 | 38,740                                      | 7,895         | 4.90                       | 9,970                   | 712    | 18.30                     | 40                  | 56.10                     | 377                         | 83                            | 37                 | .955                                   |
| 1941 | 45,840                                      | 7,895         | 5.80                       | 12,450                  | 855    | 18.65                     | 37                  | 43.07                     | 1,082                       | 59                            | 44                 | .959                                   |
| 1942 | 44,990                                      | 7,895         | 5.69                       | 12,450                  | 882    | 19.60                     | 36                  | 40.81                     | 485                         | 40                            | 63                 | 1.400                                  |
| 1943 | 44,830                                      | 7,895         | 5.69                       | 12,450                  | 970    | 21.63                     | 46                  | 47.42                     | 866                         | 68                            | 48                 | 1.070                                  |
| 1944 | 45,750                                      | 7,895         | 5.79                       | 12,450                  | 1,098  | 24.00                     | 35                  | 31.87                     | 1,219                       | 55                            | 58                 | 1.267                                  |
| 1945 | 46,010                                      | 7,895         | 5.82                       | 12,442                  | 968    | 21.04                     | 37                  | 38.22                     | 982                         | 80                            | 53                 | 1.151                                  |
| 1946 | 48,960                                      | 7,895         | 6.20                       | 12,558                  | 1,009  | 20.60                     | 30                  | 29.73                     | 825                         | 77                            | 70                 | 1.429                                  |
| 1947 | 50,220                                      | 7,895         | 6.36                       | 12,702                  | 1,163  | 23.15                     | 35                  | 30.09                     | 1,243                       | 89                            | 54                 | 1.075                                  |
| 1948 | 51,100                                      | 7,895         | 6.47                       | 13,491                  | 1,088  | 21.29                     | 53                  | 48.71                     | 1,054                       | 58                            | 64                 | 1.252                                  |
| 1949 | 52,030                                      | 7,895         | 6.58                       | 13,919                  | 1,022  | 19.64                     | 45                  | 44.03                     | 724                         | 52                            | 74                 | 1.422                                  |
| 1950 | 54,090                                      | 7,895         | 6.85                       | 14,468                  | 1,008  | 18.64                     | 29                  | 28.77                     | 1,729                       | 32                            | 83                 | 1.534                                  |
| 1951 | 54,030                                      | 7,895         | 6.84                       | 15,081                  | 1,030  | 19.06                     | 28                  | 27.18                     | 2,054                       | 49                            | 61                 | 1.129                                  |
| 1952 | 54,930                                      | 7,895         | 6.97                       | 15,516                  | 1,039  | 18.91                     | 37                  | 35.61                     | 841                         | 40                            | 80                 | 1.456                                  |
| 1953 | 55,850                                      | 7,895         | 7.07                       | 16,183                  | 1,060  | 18.98                     | 23                  | 21.69                     | 905                         | 44                            | 85                 | 1.522                                  |
| 1954 | 56,520                                      | 7,895         | 7.16                       | 16,777                  | 1,042  | 18.43                     | 23                  | 22.10                     | 777                         | 43                            | 92                 | 1.627                                  |
| 1955 | 57,440                                      | 7,895         | 7.27                       | 17,390                  | 997    | 17.36                     | 33                  | 33.09                     | 1,891                       | 40                            | 87                 | 1.514                                  |
| 1956 | 58,760                                      | 7,895         | 7.44                       | 17,999                  | 1,093  | 18.60                     | 29                  | 26.53                     | 1,215                       | 28                            | 70                 | 1.191                                  |
| 1957 | 59,490                                      | 7,895         | 7.54                       | 18,384                  | 1,154  | 19.39                     | 28                  | 24.26                     | 769                         | 34                            | 100                | 1.681                                  |

## BIRTHS IN THE BOROUGH OF SCUNTHORPE.

| Year | Total Births | Recorded Birth Rate | Registrar-General's Comparability Factor | Standardised Birth Rate | Rate per 1,000 (England and Wales) |
|------|--------------|---------------------|------------------------------------------|-------------------------|------------------------------------|
| 1952 | 1039         | 18.91               | 0.97                                     | 18.34                   | 15.3                               |
| 1953 | 1060         | 18.98               | 0.97                                     | 18.41                   | 15.5                               |
| 1954 | 1042         | 18.43               | 0.94                                     | 17.32                   | 15.2                               |
| 1955 | 997          | 17.36               | 0.94                                     | 16.32                   | 15.0                               |
| 1956 | 1093         | 18.60               | 0.94                                     | 17.48                   | 15.7                               |
| 1957 | 1154         | 19.39               | 0.93                                     | 18.04                   | 16.1                               |

The total number of live births registered during the year was 1,154, 594 of these were males and 560 were females. 44 illegitimate births were registered. The recorded birth rate (i.e. Births per 1,000 inhabitants) was 19.39. 37 stillbirths were registered during the year.

The birth rate is considerably higher than that of England and Wales and the number of babies born is the second highest number ever recorded. The record year was 1947 when the grand total was 1,163.

The ward distribution of babies is very uneven in the town, Ashby ward with a birth rate of 28.82 claimed 428, Frodingham with a birth rate of 19.31 claimed 197 and Brumby with a birth rate of 19.88 claimed 190. The other wards arranged in order of birth rates came in the following order. East ward with a birth rate of 18.48 had 46 babies. Crosby with 16.84 had 63 babies. West with 14.08 had 108 babies. Park with 11.77 had 86 babies and Town ward with a birth rate of 9.82 came last with 36 babies.

These figures reflect the influence of the new housing schemes on the age distribution of the population within the various wards of the Borough.

## DEATHS IN THE BOROUGH OF SCUNTHORPE.

| Year | Total Deaths | Recorded Death Rate | Registrar-General's Comparability Factor | Standardised Death Rate | Rate per 1,000 (England and Wales) |
|------|--------------|---------------------|------------------------------------------|-------------------------|------------------------------------|
| 1952 | 422          | 7.68                | 1.34                                     | 11.29                   | 11.3                               |
| 1953 | 484          | 8.66                | 1.34                                     | 11.60                   | 11.4                               |
| 1954 | 503          | 8.89                | 1.36                                     | 12.09                   | 11.3                               |
| 1955 | 468          | 8.15                | 1.36                                     | 11.08                   | 11.7                               |
| 1956 | 496          | 8.44                | 1.48                                     | 12.49                   | 11.7                               |
| 1957 | 517          | 8.69                | 1.49                                     | 12.95                   | 11.5                               |

A total of 517 persons died in Scunthorpe during the year; 310 were males and 207 were females.

The recorded death rate is 8.69. The main causes of death are heart diseases etc. in groups 18, 19, 20 and 21, which caused a total of 180 deaths; cerebral hæmorrhage, group 17, caused 52 deaths; the respiratory diseases, groups 22, 23, 24 and 25 which caused 51 deaths; and deaths from violence, groups 33, 34, 35 and 36 which caused 30. Cancer in all its forms, groups 10, 11, 12, 13 and 14 caused 100 deaths. 159 persons (30.8%) were over 75 years of age and 291 (56.3%) were over 65 years of age.

# REGISTRAR-GENERAL'S FIGURES FOR CAUSES OF DEATH DURING 1957.

| Cause No. |                                                     | Males | Females | Total |
|-----------|-----------------------------------------------------|-------|---------|-------|
| 1.        | Tuberculosis, respiratory .....                     | 2     | —       | 2     |
| 2.        | Tuberculosis, other .....                           | —     | —       | —     |
| 3.        | Syphilitic Disease .....                            | —     | 1       | 1     |
| 4.        | Diphtheria .....                                    | —     | —       | —     |
| 5.        | Whooping Cough .....                                | —     | 1       | 1     |
| 6.        | Meningococcal Infections .....                      | —     | —       | —     |
| 7.        | Acute Poliomyelitis .....                           | —     | —       | —     |
| 8.        | Measles .....                                       | 1     | —       | 1     |
| 9.        | Other Infective and Parasitic Disease.....          | —     | 1       | 1     |
| 10.       | Malignant Neoplasm, Stomach .....                   | 6     | 9       | 15    |
| 11.       | Malignant Neoplasm, Lung, Bronchus                  | 21    | 3       | 24    |
| 12.       | Malignant Neoplasm, Breast .....                    | —     | 7       | 7     |
| 13.       | Malignant Neoplasm, Uterus .....                    | —     | 4       | 4     |
| 14.       | Other Malignant and Lymphatic Neo-<br>plasms .....  | 29    | 21      | 50    |
| 15.       | Leukæmia, Aleukæmia .....                           | —     | —       | —     |
| 16.       | Diabetes .....                                      | 3     | 3       | 6     |
| 17.       | Vascular Lesions of Central Nervous<br>System ..... | 24    | 28      | 52    |
| 18.       | Coronary Disease, Angina .....                      | 57    | 25      | 82    |
| 19.       | Hypertension with Heart Disease .....               | 6     | 6       | 12    |
| 20.       | Other Heart Disease .....                           | 36    | 31      | 67    |
| 21.       | Other Circulatory Disease .....                     | 15    | 4       | 19    |
| 22.       | Influenza .....                                     | 4     | 2       | 6     |
| 23.       | Pneumonia .....                                     | 8     | 8       | 16    |
| 24.       | Bronchitis .....                                    | 21    | 5       | 26    |
| 25.       | Other Diseases of Respiratory System                | 1     | 2       | 3     |
| 26.       | Ulcer of Stomach and Duodenum .....                 | 2     | —       | 2     |
| 27.       | Gastritis, Enteritis and Diarrhœa .....             | —     | 3       | 3     |
| 28.       | Nephritis and Nephrosis .....                       | 5     | 6       | 11    |
| 29.       | Hyperplasia of Prostate .....                       | 12    | —       | 12    |
| 30.       | Pregnancy, Childbirth, Abortion .....               | —     | 2       | 2     |
| 31.       | Congenital Malformations .....                      | 4     | 2       | 6     |
| 32.       | Other Defined and Ill-Defined Diseases              | 27    | 29      | 56    |
| 33.       | Motor Vehicle Accidents .....                       | 10    | —       | 10    |
| 34.       | All Other Accidents .....                           | 12    | 2       | 14    |
| 35.       | Suicide .....                                       | 4     | 2       | 6     |
| 36.       | Homicide and Operations of War .....                | —     | —       | —     |
|           |                                                     | 310   | 207     | 517   |

## DEATHS.

Group No. 32—"Other defined and ill-defined diseases" is a rather vague and too large group and has therefore been analysed further to give more precise information regarding its contents:—

### Group 32.

|                                     |       |       |
|-------------------------------------|-------|-------|
| Prematurity and other infant causes | ..... | 18    |
| Senility                            | ..... | 15    |
| Post-Operative Causes               | ..... | 10    |
| Asthma                              | ..... | 2     |
| Cirrhosis of Liver                  | ..... | 2     |
| Huntington's Chorea                 | ..... | 1     |
| Paralysis Agitans                   | ..... | 1     |
| Disseminated Sclerosis              | ..... | 1     |
| Epilepsy                            | ..... | 1     |
| Asphyxia                            | ..... | 1     |
| Intestinal Infection                | ..... | 1     |
| Ascites                             | ..... | 1     |
| Progressive Muscular Atrophy        | ..... | 1     |
| Parkinson's Disease                 | ..... | 1     |
|                                     |       | <hr/> |
|                                     |       | 56    |
|                                     |       | <hr/> |

**AGE AND SEX DISTRIBUTION OF CAUSES OF DEATHS  
BY REGISTRAR-GENERAL'S RETURNS OF 36 GROUPS.**

| Cause No. | 0—4 |    | 5—14 |    | 15—24 |    | 25—34 |    | 35—44 |    | 45—54 |    | 55—64 |    | 65—74 |    | 75 and over |    | TOTAL |
|-----------|-----|----|------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------------|----|-------|
|           | M.  | F. | M.   | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.          | F. |       |
| 1         | —   | —  | —    | —  | —     | —  | —     | —  | 1     | —  | 1     | —  | —     | —  | —     | —  | —           | —  | 2     |
| 2         | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | —     |
| 3         | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | 1     | —  | —           | —  | 1     |
| 4         | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | —     |
| 5         | —   | 1  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | 1     |
| 6         | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | —     |
| 7         | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | —     |
| 8         | 1   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | 1     |
| 9         | —   | —  | —    | —  | 1     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | 1     |
| 10        | —   | —  | —    | —  | —     | —  | —     | —  | —     | 1  | 1     | —  | 3     | 4  | 2     | 4  | —           | —  | 15    |
| 11        | —   | —  | —    | —  | —     | 1  | —     | —  | —     | 6  | —     | 6  | 2     | 8  | 1     | —  | —           | —  | 24    |
| 12        | —   | —  | —    | —  | —     | —  | —     | 2  | —     | 1  | —     | 3  | —     | —  | —     | 1  | —           | —  | 7     |
| 13        | —   | —  | —    | —  | —     | —  | —     | 1  | —     | 1  | —     | —  | —     | 1  | —     | 1  | —           | —  | 4     |
| 14        | —   | —  | 1    | 1  | —     | —  | 1     | 2  | 1     | 2  | 4     | 3  | 5     | 9  | 10    | 2  | 7           | 2  | 50    |
| 15        | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | —     |
| 16        | —   | —  | —    | —  | 1     | —  | —     | 1  | —     | —  | —     | —  | —     | 2  | 1     | —  | 1           | —  | 6     |
| 17        | —   | —  | —    | —  | —     | 1  | —     | —  | —     | 2  | 2     | 2  | 3     | 11 | 10    | 8  | 13          | —  | 52    |
| 18        | —   | —  | —    | —  | —     | 1  | —     | 3  | —     | 11 | 1     | 17 | 3     | 14 | 10    | 11 | 11          | —  | 82    |
| 19        | —   | —  | —    | —  | —     | —  | —     | 1  | —     | —  | 1     | 1  | 1     | 2  | 2     | 2  | 2           | —  | 12    |
| 20        | —   | —  | —    | —  | 1     | 1  | —     | 1  | 1     | 1  | 1     | 5  | 2     | 9  | 8     | 19 | 18          | —  | 67    |
| 21        | —   | —  | —    | —  | —     | 1  | —     | 1  | —     | —  | —     | 3  | 1     | 4  | —     | 8  | 1           | —  | 19    |
| 22        | —   | —  | 1    | —  | —     | —  | —     | —  | —     | —  | —     | 2  | —     | 2  | —     | —  | 1           | —  | 6     |
| 23        | 1   | 1  | 1    | —  | —     | 1  | —     | —  | —     | —  | —     | —  | 1     | 4  | 2     | 1  | 4           | —  | 16    |
| 24        | 1   | —  | —    | —  | —     | —  | —     | 1  | 1     | 1  | —     | 6  | 1     | 6  | 2     | 6  | 1           | —  | 26    |
| 25        | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | 2     | —  | —     | 1  | —           | —  | 3     |
| 26        | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | 2  | —     | —  | —           | —  | 2     |
| 27        | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | 2     | —  | 1     | —  | —           | —  | 3     |
| 28        | —   | —  | —    | —  | 1     | 1  | —     | —  | 1     | 1  | —     | —  | 1     | —  | 2     | 3  | 1           | —  | 11    |
| 29        | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | 1  | —     | 11 | —           | —  | 12    |
| 30        | —   | —  | —    | —  | —     | —  | —     | 1  | —     | 1  | —     | —  | —     | —  | —     | —  | —           | —  | 2     |
| 31        | 4   | 2  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | 6     |
| 32        | 11  | 9  | —    | —  | —     | —  | —     | 3  | 2     | 3  | —     | 2  | 2     | 4  | 2     | 4  | 14          | —  | 56    |
| 33        | 1   | —  | 1    | —  | 5     | —  | 1     | —  | 1     | —  | —     | 1  | —     | —  | —     | —  | —           | —  | 10    |
| 34        | 3   | 1  | —    | —  | —     | —  | 1     | —  | 1     | —  | —     | 1  | 6     | —  | —     | 1  | —           | —  | 14    |
| 35        | —   | —  | —    | —  | 1     | —  | 1     | —  | —     | —  | 1     | 2  | —     | —  | 1     | —  | —           | —  | 6     |
| 36        | —   | —  | —    | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —     | —  | —           | —  | —     |
|           | 22  | 14 | 3    | 2  | 7     | 4  | 9     | 3  | 14    | 12 | 31    | 15 | 57    | 33 | 83    | 49 | 84          | 75 | 517   |

## INFANT MORTALITY.

### Rate per 1,000 Births.

| Year | Scunthorpe | England and Wales |
|------|------------|-------------------|
| 1952 | 35.61      | 27.6              |
| 1953 | 21.69      | 26.8              |
| 1954 | 22.10      | 25.5              |
| 1955 | 33.09      | 24.9              |
| 1956 | 26.53      | 23.8              |
| 1957 | 24.26      | 23.0              |

The Infant Mortality rate is the number of babies under one year old who die during the year related to the number of live births in the same year.

### Infant Mortality—Ward Distribution.

|            | Males | Females | Total |
|------------|-------|---------|-------|
| Ashby      | 8     | 5       | 13    |
| Brumby     | —     | 2       | 2     |
| Crosby     | —     | —       | —     |
| East       | 1     | —       | 1     |
| Frodingham | 3     | 3       | 6     |
| Park       | 1     | —       | 1     |
| Town       | 2     | 1       | 3     |
| West       | 2     | —       | 2     |
|            | 17    | 11      | 28    |

Number of infants dying in hospital ..... 21  
 (War Memorial 7, Maternity Home 11, Western  
 Hospital, Doncaster 2, County Hospital, Louth 1)

Number of infants dying at home ..... 7

This year 28 infants died and this gives a mortality rate of 24.26 which is slightly higher than the average for England and Wales. As is usual more boys than girls died during the year. 21 of the 28 babies died in the various hospitals and 7 died in their homes. No Scunthorpe babies died in Brumby Hospital during the year.

## NEONATAL MORTALITY.

The Neonatal Mortality rate is the number of babies under 4 weeks of age who die during the year, related to the number of live births in the same year. This year 18 babies in this age group died and the neonatal mortality rate turns out to be almost the same as that for England and Wales.

17 of these babies died in the first 7 days of life and 11 of these were due to Prematurity.

### Neonatal Death Rate.

| Year | England and Wales | Scunthorpe |
|------|-------------------|------------|
| 1947 | 22.7              | 20.63      |
| 1948 | 19.7              | 23.89      |
| 1949 | 19.3              | 35.22      |
| 1950 | 18.5              | 20.83      |
| 1951 | 18.8              | 17.48      |
| 1952 | 18.9              | 24.06      |
| 1953 | 17.7              | 10.38      |
| 1954 | 17.7              | 11.51      |
| 1955 | 17.3              | 22.06      |
| 1956 | 16.9              | 20.12      |
| 1957 | 15.6              | 15.59      |

### CAUSES OF INFANT DEATHS DURING 1957.

| Cause of Death |    | Sex | Under 1 week | 1—2 weeks | 2—3 weeks | 3—4 weeks | Total Deaths under 4 weeks | 1—3 months | 3—6 months | 6—9 months | 9—12 months | Total Deaths under 1 year |
|----------------|----|-----|--------------|-----------|-----------|-----------|----------------------------|------------|------------|------------|-------------|---------------------------|
| Broncho        | M. | —   | —            | —         | —         | —         | —                          | —          | 1          | —          | —           | 1                         |
| Pneumonia      | F. | —   | —            | —         | —         | —         | —                          | —          | —          | —          | —           | —                         |
| Bronchitis     | M. | —   | —            | —         | —         | —         | —                          | 1          | —          | —          | —           | 1                         |
|                | F. | —   | —            | —         | —         | —         | —                          | —          | —          | —          | —           | —                         |
| Congenital     | M. | —   | —            | —         | —         | —         | —                          | 1          | —          | —          | —           | 1                         |
| Heart Disease  | F. | —   | —            | —         | —         | —         | —                          | —          | —          | 1          | —           | 1                         |
| Congenital     | M. | —   | —            | —         | —         | —         | —                          | 2          | —          | —          | —           | 2                         |
| Malformations  | F. | 1   | —            | —         | —         | —         | 1                          | —          | —          | —          | —           | 1                         |
| Prematurity    | M. | 6   | —            | —         | —         | —         | 6                          | —          | —          | —          | —           | 6                         |
|                | F. | 5   | 1            | —         | —         | —         | 6                          | —          | —          | —          | —           | 6                         |
| Atelectasis    | M. | 1   | —            | —         | —         | —         | 1                          | —          | —          | —          | —           | 1                         |
|                | F. | 2   | —            | —         | —         | —         | 2                          | —          | —          | —          | —           | 2                         |
| Hæmolytic      | M. | —   | —            | —         | —         | —         | —                          | —          | —          | —          | —           | —                         |
| Disease        | F. | 1   | —            | —         | —         | —         | 1                          | —          | —          | —          | —           | 1                         |
| Marasmus       | M. | —   | —            | —         | —         | —         | —                          | —          | —          | 1          | —           | 1                         |
|                | F. | —   | —            | —         | —         | —         | —                          | —          | —          | —          | —           | —                         |
| Pneumonia      | M. | 1   | —            | —         | —         | —         | 1                          | —          | —          | —          | —           | 1                         |
|                | F. | —   | —            | —         | —         | —         | —                          | —          | —          | —          | —           | —                         |
| Accidents      | M. | —   | —            | —         | —         | —         | —                          | 1          | 2          | —          | —           | 3                         |
|                | F. | —   | —            | —         | —         | —         | —                          | —          | —          | —          | —           | —                         |
| Males          |    |     | 8            | —         | —         | —         | 8                          | 5          | 3          | 1          | —           | 17                        |
| Females        |    |     | 9            | 1         | —         | —         | 10                         | —          | —          | 1          | —           | 11                        |
| TOTAL          |    |     | 17           | 1         | —         | —         | 18                         | 5          | 3          | 2          | —           | 28                        |

## PERINATAL MORTALITY.

The Perinatal Mortality rate is the number of babies who die in the first week of life added to the number of stillborn babies related to the number of live births and is a mortality rate which has come into use since the war. It was used by the Registrar General in his report for the first time this year. The formula for calculating the perinatal mortality rate is as follows:—

Perinatal Mortality rate=

$$\frac{\text{Number of Stillbirths} + \text{Number of Deaths in 1st 7 days of life} \times 1000}{\text{Total number of Live Births}}$$

There has been a steady improvement in all the baby mortality rates but this saving of life has occurred mainly after the first week of life and the problem now emerging is how to prevent the loss of life immediately before and immediately after birth. The new measure for judging success in this problem is the perinatal mortality rate.

It appears that there is a special group of causes which are active during pregnancy and during and immediately after childbirth which are mainly responsible for these perinatal deaths. The vast majority of these deaths certified by the doctors give Prematurity, Asphyxia, Atelectasis and Congenital Abnormalities as the cause and of these the most popular label is prematurity.

No cause of death is given for stillbirths and in the past there has seldom been any thorough investigation to find out why the baby should be stillborn.

In 1921 26% of all deaths were in children under one year of age.

1931 it had dropped to 14.6

1941 9.1

1951 5.9

1957 it is 5.4

Meanwhile the age ratio of deaths within this group itself was altering considerably.

In 1921 29.33% of the infants who died were less than a week old

1931 the percentage was 25.49

1951 it was 46.43

1957 it is 60.71

For the purpose of further comparison two ten year periods 1925 to 1934, 1948—1957 have been taken and the actual numbers of stillbirths and neonatal and infantile deaths have been gathered together into the relevant tables.

During this time the population has almost doubled and the number of live births has also doubled but the actual totals for all the other age groups are remarkably similar except for the deaths of babies over 4 weeks and under a year old and these have almost halved.

There were 6,389 births in the first period as compared with 10,543 in the second period. There were 254 stillbirths as compared with 248, 144 perinatal deaths as compared with 165, 23 deaths in the second week of life as compared with 17, 20 in the third week as against 20, 11 in the 4th week as against 9. The total deaths under 4 weeks was 198 as against 211 but in the last 11 months for the first year of life there were 206 as against 117. Including stillbirths there were 658 deaths in the first period and of these 398 were perinatal and 452 were under 4 weeks.

In the second period the figures were 576, 413, 459. Reduced to percentage figures this means that 60.4% of the deaths in the first period were perinatal and 71.7% of the deaths in the second period were perinatal. This increased percentage of perinatal deaths is due to the reduction in deaths of babies over one week old and shows a change in the age ratio of deaths but does not mean that the perinatal deaths are increasing; in fact they also are decreasing but not so rapidly as those of the older babies.

There has been a marked improvement in the number of deaths from infectious diseases which have dropped from 57 to 15 but this improvement has not extended to Gastro Enteritis and Pneumonia which are given separately although they also are infectious diseases. Gastro Enteritis accounted for 27 deaths in the first period and 26 in the second and Pneumonia accounted for 69 in the first period and 49 in the second.

The marked difference between the number of accidents in the first period and those in the second is likely to be partly explained by assuming that some of the accidents in the first period may have been grouped under the heading of "Other Causes" from which they cannot now be extracted.

| Year | Perinatal Death Rate<br>England<br>and Wales | Live<br>Births | Still<br>Births | Total<br>Perinatal<br>Deaths | Under<br>1 wk. | Neonatal Deaths<br>1—2<br>wks. | 2—3<br>wks. | 3—4<br>wks. | Total<br>under<br>4 wks. | Deaths<br>under<br>1 Year |
|------|----------------------------------------------|----------------|-----------------|------------------------------|----------------|--------------------------------|-------------|-------------|--------------------------|---------------------------|
| 1925 | 57.87                                        | 743            | 28              | 43                           | 15             | 1                              | 4           | 1           | 21                       | 55                        |
| 1926 | 53.09                                        | 678            | 20              | 36                           | 16             | —                              | —           | —           | 16                       | 31                        |
| 1927 | 59.4                                         | 606            | 20              | 36                           | 16             | 2                              | 4           | —           | 22                       | 47                        |
| 1928 | 38.7                                         | 648            | 15              | 25                           | 10             | 3                              | 2           | 1           | 16                       | 25                        |
| 1929 | 58.3                                         | 651            | 24              | 38                           | 14             | 3                              | 1           | 3           | 21                       | 39                        |
| 1930 | 60.1                                         | 732            | 32              | 44                           | 12             | 2                              | 4           | 1           | 19                       | 44                        |
| 1931 | 82.7                                         | 616            | 38              | 51                           | 13             | 4                              | 1           | 2           | 20                       | 51                        |
| 1932 | 69.3                                         | 591            | 26              | 41                           | 15             | 2                              | 2           | 1           | 20                       | 43                        |
| 1933 | 65.6                                         | 533            | 22              | 35                           | 13             | 2                              | 1           | 1           | 17                       | 33                        |
| 1934 | 82.9                                         | 591            | 29              | 49                           | 20             | 4                              | 1           | 1           | 26                       | 36                        |
|      |                                              | 6,389          | 254             | 398                          | 144            | 23                             | 20          | 11          | 198                      | 404                       |
| 1948 | 38.5                                         | 1,088          | 14              | 35                           | 21             | 2                              | 3           | —           | 26                       | 53                        |
| 1949 | 38.0                                         | 1,022          | 21              | 53                           | 32             | 1                              | 2           | 1           | 36                       | 45                        |
| 1950 | 37.7                                         | 1,008          | 22              | 38                           | 16             | 2                              | 3           | —           | 21                       | 29                        |
| 1951 | 38.1                                         | 1,030          | 24              | 37                           | 13             | 4                              | 1           | —           | 18                       | 28                        |
| 1952 | 37.5                                         | 1,039          | 23              | 38                           | 15             | 1                              | 5           | 4           | 25                       | 37                        |
| 1953 | 37.0                                         | 1,060          | 20              | 26                           | 6              | 3                              | 1           | 1           | 11                       | 23                        |
| 1954 | 38.1                                         | 1,042          | 27              | 35                           | 8              | —                              | 1           | 3           | 12                       | 23                        |
| 1955 | 37.6                                         | 997            | 30              | 49                           | 19             | 2                              | 1           | —           | 22                       | 33                        |
| 1956 | 36.8                                         | 1,093          | 30              | 48                           | 18             | 1                              | 3           | —           | 22                       | 29                        |
| 1957 | 36.2                                         | 1,154          | 37              | 54                           | 17             | 1                              | —           | —           | 18                       | 28                        |
|      |                                              | 10,533         | 248             | 413                          | 165            | 17                             | 20          | 9           | 211                      | 328                       |

# **INFANTILE DEATHS.**

## **1925—1934 Period.**

| Cause                                          | Under 1 Week |    |       | Under 4 Weeks |    |       | Under 1 Year |     |       |
|------------------------------------------------|--------------|----|-------|---------------|----|-------|--------------|-----|-------|
|                                                | M.           | F. | Total | M.            | F. | Total | M.           | F.  | Total |
| Prematurity .....                              | 46           | 35 | 81    | 51            | 51 | 102   | 53           | 54  | 107   |
| Debility, Marasmus &<br>All Other Causes ..... | 23           | 14 | 37    | 29            | 19 | 48    | 64           | 34  | 98    |
| Congenital Defects .....                       | 11           | 8  | 19    | 15            | 11 | 26    | 26           | 14  | 40    |
| Infectious Diseases .....                      | 3            | 1  | 4     | 5             | 1  | 6     | 31           | 26  | 57    |
| Gastritis and Enteritis                        | 1            | —  | 1     | 2             | —  | 2     | 14           | 13  | 27    |
| Asphyxia and<br>Atelectasis .....              | —            | 1  | 1     | 2             | 1  | 3     | 2            | 3   | 5     |
| Accidents .....                                | —            | 1  | 1     | —             | 1  | 1     | —            | 1   | 1     |
| Pneumonia .....                                | —            | —  | —     | 6             | 4  | 10    | 38           | 31  | 69    |
|                                                | 84           | 60 | 144   | 110           | 88 | 198   | 228          | 176 | 404   |

## **1948—1957 Period.**

| Cause                                          | Under 1 Week |    |       | Under 4 Weeks |    |       | Under 1 Year |     |       |
|------------------------------------------------|--------------|----|-------|---------------|----|-------|--------------|-----|-------|
|                                                | M.           | F. | Total | M.            | F. | Total | M.           | F.  | Total |
| Prematurity .....                              | 52           | 47 | 99    | 60            | 53 | 113   | 63           | 55  | 118   |
| Debility, Marasmus &<br>All Other Causes ..... | 4            | 2  | 6     | 6             | 2  | 8     | 11           | 6   | 17    |
| Congenital Defects &<br>Birth Injuries .....   | 22           | 18 | 40    | 26            | 23 | 49    | 42           | 32  | 74    |
| Infectious Diseases .....                      | —            | —  | —     | —             | 1  | 1     | 8            | 7   | 15    |
| Gastritis and Enteritis                        | —            | —  | —     | 4             | 1  | 5     | 16           | 10  | 26    |
| Asphyxia and<br>Atelectasis .....              | 10           | 5  | 15    | 10            | 6  | 16    | 11           | 6   | 17    |
| Accidents .....                                | —            | 2  | 2     | —             | 3  | 3     | 5            | 7   | 12    |
| Pneumonia .....                                | 3            | 1  | 4     | 9             | 6  | 15    | 32           | 17  | 49    |
|                                                | 91           | 75 | 166   | 115           | 95 | 210   | 188          | 140 | 328   |

## INFANTILE DEATHS.

|                                             | 1925—1934      |                           |                | 1948—1957      |                           |                |
|---------------------------------------------|----------------|---------------------------|----------------|----------------|---------------------------|----------------|
|                                             | Under<br>1 wk. | Totals<br>Under<br>4 wks. | Under<br>1 Yr. | Under<br>1 wk. | Totals<br>Under<br>4 wks. | Under<br>1 Yr. |
| 1. Prematurity .....                        | 81             | 102                       | 107            | 99             | 113                       | 118            |
| 2. Debility, Marasmus<br>& All Other Causes | 37             | 48                        | 98             | 6              | 8                         | 17             |
| 3. Congenital Defects ...                   | 19             | 26                        | 40             | 40             | 49                        | 74             |
| 4. Infectious Diseases ...                  | 4              | 6                         | 57             | —              | 1                         | 15             |
| 5. Gastritis & Enteritis                    | 1              | 2                         | 27             | —              | 5                         | 26             |
| 6. Asphyxia & Atelec-<br>tasis .....        | 1              | 3                         | 5              | 15             | 16                        | 17             |
| 7. Accidents .....                          | 1              | 1                         | 1              | 2              | 3                         | 12             |
| 8. Pneumonia .....                          | —              | 10                        | 69             | 4              | 15                        | 49             |
|                                             | 144            | 198                       | 404            | 166            | 210                       | 328            |

|                          |       |        |
|--------------------------|-------|--------|
| Total Deaths .....       | 3,131 | 4,724  |
| Still Births .....       | 254   | 248    |
| Total Live Births .....  | 6,389 | 10,433 |
| Infantile Mortality Rate | 61.82 | 31.53  |
| Neonatal Mortality Rate  | 30.99 | 20.12  |
| Perinatal Mortality Rate | 62.29 | 39.68  |

## CANCER.

As a cause of death cancer is continuing to become more and more important. This year there were more deaths from cancer than ever before in the Borough, a total of 100 deaths being attributed to this disease. There are several types of cancer and these are classified by the part of the body they attack. Cancer of the lung is the only type which has shown such a steady and unfailing tendency to increase year by year and this year's total of 24 deaths is also the highest ever recorded. Cancer is now second only to the Heart Diseases as the commonest cause of death. Cancer deaths are more common in the older age groups and 88 of the 100 were over 45 years of age. 2 of the remaining 12 deaths were in the 5—10 year age group and 4 were between 25 and 35 years old.

The problem of Cancer of the lung and cigarette smoking is still engaging the attention of the experts and much time and money has been uselessly spent in trying to throw doubt on a factual relationship between the increased incidence of a certain type of cancer of the lung and an increased incidence of cigarette smoking. It is unlikely that the adult population of this country will easily refrain

from smoking for the good of their health but the facts are that smoking causes disease and death, and children who have not started to smoke should be persuaded not to start the habit.

The increase in lung cancer mortality is apparent mainly in the male deaths but it is likely that the female deaths will start to increase in a similar manner within the next twenty years because the essential time lag between starting cigarette smoking and the onset of cancer of the lung is slowly running out for many women smokers. The number of women who smoked heavily before 1939 was almost negligible and even today, when women appear to smoke as many cigarettes as men, surveys have indicated that somewhere in the region of 8 million women are smoking 8 cigarettes a day as against  $11\frac{1}{2}$  million men smoking over 15 a day. Girls as a rule do not start smoking so early in life as boys nor do they smoke so much. It is therefore to be expected that when the cancer bulge starts to affect the female population it will be considerably milder in its effect than the one which has already struck the male population.

In 1940 there were less than 5,000 deaths from cancer of the lung in England and Wales, the figures for 1955—1956—1957 respectively are (males 14,821, females 2,451) (males 15,615, females 2,571) and (males 16,432, females 2,688).

### CANCER.

| Year | Malignant<br>Neoplasm,<br>Lung,<br>Bronchus | Malignant<br>Neoplasm,<br>Breast | Malignant<br>Neoplasm,<br>Stomach | Malignant<br>Neoplasm,<br>Uterus | Other<br>Malignant and<br>Lymphatic<br>Neoplasms | Total |
|------|---------------------------------------------|----------------------------------|-----------------------------------|----------------------------------|--------------------------------------------------|-------|
| 1950 | 7                                           | 8                                | 13                                | 4                                | 51                                               | 83    |
| 1951 | 9                                           | 10                               | 6                                 | 5                                | 31                                               | 61    |
| 1952 | 14                                          | 8                                | 6                                 | 5                                | 47                                               | 80    |
| 1953 | 15                                          | 4                                | 20                                | 4                                | 42                                               | 85    |
| 1954 | 15                                          | 9                                | 13                                | 6                                | 49                                               | 92    |
| 1955 | 19                                          | 4                                | 10                                | 6                                | 48                                               | 87    |
| 1956 | 20                                          | 1                                | 10                                | 3                                | 36                                               | 70    |
| 1957 | 24                                          | 7                                | 15                                | 4                                | 50                                               | 100   |

# CANCER, 1957.

| Year | Number of<br>deaths from<br>Cancer | Population of<br>Scunthorpe | Cancer fatality<br>rate per 1,000<br>population | Number of<br>deaths from<br>all causes | Percentage of<br>deaths due<br>to Cancer |
|------|------------------------------------|-----------------------------|-------------------------------------------------|----------------------------------------|------------------------------------------|
| 1948 | 64                                 | 51,100                      | 1.25                                            | 431                                    | 14.85                                    |
| 1949 | 74                                 | 52,030                      | 1.42                                            | 445                                    | 16.63                                    |
| 1950 | 83                                 | 54,090                      | 1.53                                            | 444                                    | 18.69                                    |
| 1951 | 61                                 | 54,030                      | 1.13                                            | 474                                    | 12.87                                    |
| 1952 | 80                                 | 54,930                      | 1.45                                            | 422                                    | 18.95                                    |
| 1953 | 85                                 | 55,850                      | 1.52                                            | 484                                    | 17.56                                    |
| 1954 | 92                                 | 56,520                      | 1.63                                            | 503                                    | 18.28                                    |
| 1955 | 87                                 | 57,440                      | 1.51                                            | 468                                    | 18.57                                    |
| 1956 | 70                                 | 58,760                      | 1.19                                            | 496                                    | 14.11                                    |
| 1957 | 100                                | 59,490                      | 1.68                                            | 517                                    | 19.31                                    |

# AGE AND SEX DISTRIBUTION OF DEATHS FROM CANCER, 1957.

| Age   | Malignant Neoplasm, Lung, Bronchus |    | Malignant Neoplasm, Breast |    | Malignant Neoplasm, Stomach |    | Malignant Neoplasm, Uterus |    | Other Malignant and Lymphatic Neoplasms |    | Total |    |
|-------|------------------------------------|----|----------------------------|----|-----------------------------|----|----------------------------|----|-----------------------------------------|----|-------|----|
|       | M.                                 | F. | M.                         | F. | M.                          | F. | M.                         | F. | M.                                      | F. | M.    | F. |
| 0—    | —                                  | —  | —                          | —  | —                           | —  | —                          | —  | —                                       | —  | —     | —  |
| 1—    | —                                  | —  | —                          | —  | —                           | —  | —                          | —  | —                                       | —  | —     | —  |
| 5—    | —                                  | —  | —                          | —  | —                           | —  | —                          | —  | 1                                       | 1  | 1     | 1  |
| 10—   | —                                  | —  | —                          | —  | —                           | —  | —                          | —  | —                                       | —  | —     | —  |
| 15—   | —                                  | —  | —                          | —  | —                           | —  | —                          | —  | —                                       | —  | —     | —  |
| 20—   | —                                  | —  | —                          | —  | —                           | —  | —                          | —  | —                                       | —  | —     | —  |
| 25—   | 1                                  | —  | —                          | —  | —                           | —  | —                          | —  | 1                                       | 2  | 2     | 2  |
| 35—   | —                                  | —  | —                          | 2  | —                           | —  | —                          | 1  | 1                                       | 2  | 1     | 5  |
| 45—   | 6                                  | —  | —                          | 1  | —                           | 1  | —                          | 1  | 4                                       | 3  | 10    | 6  |
| 55—   | 5                                  | 2  | —                          | 3  | 1                           | —  | —                          | —  | 5                                       | 9  | 11    | 14 |
| 65—   | 9                                  | 1  | —                          | —  | 3                           | 4  | —                          | 1  | 11                                      | 2  | 23    | 8  |
| 75—   | —                                  | —  | —                          | 1  | 2                           | 4  | —                          | 1  | 6                                       | 2  | 8     | 8  |
| TOTAL | 21                                 | 3  | —                          | 7  | 6                           | 9  | —                          | 4  | 29                                      | 21 | 56    | 44 |

### VENEREAL DISEASES.

The following table shows the number of persons residing in Scunthorpe who attended the Clinic during 1957:

|                        | Males | Females | Total |
|------------------------|-------|---------|-------|
| Syphilis .....         | 4     | 3       | 7     |
| Gonorrhœa .....        | 16    | 4       | 20    |
| Other Conditions ..... | 45    | 6       | 51    |
|                        | —     | —       | —     |
|                        | 65    | 13      | 78    |
|                        | —     | —       | —     |

One death was recorded from the late effects of Syphilitic disease in a woman aged 73.

### INFECTIOUS DISEASES.

Excluding Tuberculosis and Pneumonia, there were 3 deaths attributable to the notifiable infectious diseases. One was from Measles, one was from Whooping Cough and the third was from Encephalitis.

Among the individual diseases, Measles was notified 437 times and Whooping Cough 105 times. This was not a Measles year and Whooping Cough also was relatively scarce.

Dysentery was notified 78 times and Scarlet Fever 65 times. None of the other fevers reached the double figures. There were 8 notifications of Poliomyelitis.

Food Poisoning was notified six times. These were all sporadic cases.

**NOTIFIED INFECTIOUS DISEASES, 1957 (corrected in cases of revised diagnosis).**

|                         | Under<br>1 year | 1—2 | 2—3 | 3—4 | 4—5 | 5—10 | 10—15 | 15—20 | 20—25 | 25—35 | 35—45 | 45—65 | 65 and<br>over | Total |
|-------------------------|-----------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------------|-------|
| Measles                 | 15              | 51  | 60  | 58  | 61  | 184  | 5     | —     | 1     | 1     | 1     | —     | —              | 437   |
| Whooping Cough          | 14              | 11  | 7   | 10  | 18  | 42   | 2     | —     | —     | —     | 1     | —     | —              | 105   |
| Food Poisoning          | 1               | —   | —   | —   | —   | 2    | —     | —     | —     | 1     | —     | —     | 2              | 6     |
| Dysentery               | 5               | 6   | 4   | 8   | 4   | 12   | 8     | 3     | 3     | 7     | 8     | 8     | 2              | 78    |
| Pneumonia               | —               | 2   | 1   | —   | 4   | 5    | 5     | 5     | 2     | 10    | 7     | 15    | 9              | 65    |
| Meningococcal Infection | 1               | 1   | —   | —   | —   | 1    | —     | —     | —     | —     | —     | —     | —              | 3     |
| Scarlet Fever           | 1               | —   | 3   | 10  | 7   | 40   | 2     | —     | 2     | —     | —     | —     | —              | 65    |
| Poliomyelitis—          |                 |     |     |     |     |      |       |       |       |       |       |       |                |       |
| Paralytic               | —               | —   | —   | —   | —   | 1    | 1     | —     | 1     | 1     | 1     | —     | —              | 5     |
| Non-Paralytic           | 1               | —   | —   | —   | —   | 2    | —     | —     | —     | —     | —     | —     | —              | 3     |
| Puerperal Pyrexia       | —               | —   | —   | —   | —   | —    | —     | —     | —     | 1     | —     | —     | —              | 1     |
| Erysipelas              | —               | —   | —   | —   | —   | —    | —     | —     | —     | 1     | —     | 1     | —              | 2     |
| Encephalitis            | —               | —   | 1   | —   | —   | —    | —     | —     | —     | —     | —     | —     | —              | 1     |
|                         | 38              | 71  | 76  | 86  | 94  | 289  | 23    | 8     | 9     | 22    | 18    | 24    | 13             | 771   |

# **TOTAL MONTHLY INCIDENCE OF ALL KNOWN CASES OF INFECTIOUS DISEASES.**

|                             | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|-----------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|-------|
| Scarlet Fever .....         | 5    | 11   | 10   | 4    | 2   | 9    | 4    | 6    | 7     | 3    | 11   | 23   | 95    |
| Chicken Pox .....           | 102  | 30   | 22   | 11   | 30  | 30   | 34   | 13   | 2     | 14   | 19   | 9    | 316   |
| German Measles .....        | 82   | 166  | 117  | 149  | 28  | 12   | 11   | —    | —     | 1    | —    | —    | 566   |
| C.S. Fever .....            | 1    | 3    | 1    | 2    | —   | —    | 1    | —    | —     | —    | 1    | 1    | 10    |
| Pneumonia .....             | 7    | 2    | 1    | 7    | 1   | —    | —    | 1    | 5     | 39   | 3    | 8    | 74    |
| Broncho Pneumonia .....     | 3    | 1    | 4    | 9    | 2   | —    | 1    | 1    | 1     | 1    | —    | 6    | 29    |
| Dysentery .....             | 24   | 9    | 10   | 9    | 9   | 6    | 5    | 4    | 2     | 3    | —    | 13   | 94    |
| Observations .....          | 35   | 12   | 15   | 7    | 19  | 13   | 32   | 50   | 21    | 12   | 13   | 28   | 257   |
| Puerperal Pyrexia .....     | —    | —    | —    | —    | —   | —    | —    | —    | —     | —    | 1    | —    | 1     |
| Mumps .....                 | 3    | 1    | 1    | —    | —   | 1    | —    | 1    | —     | —    | 1    | 15   | 23    |
| Gastro Enteritis .....      | 9    | 3    | 2    | 5    | 1   | 9    | 6    | 5    | 4     | 1    | 1    | 3    | 49    |
| Measles .....               | 89   | 166  | 87   | 129  | 68  | 16   | 16   | 6    | 4     | —    | 2    | 3    | 586   |
| Whooping Cough .....        | 17   | 8    | 12   | 10   | 7   | 7    | 9    | 7    | 4     | 17   | 28   | 31   | 157   |
| Poliomyelitis .....         | —    | —    | —    | —    | —   | 2    | —    | 3    | 3     | 3    | —    | —    | 11    |
| Erysipelas .....            | —    | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | 2    | 2     |
| Food Poisoning .....        | —    | 2    | —    | —    | 1   | —    | 2    | —    | 1     | —    | —    | —    | 6     |
| Croup .....                 | —    | —    | —    | 1    | —   | —    | —    | —    | —     | 3    | —    | —    | 4     |
| Impetigo .....              | 3    | —    | 2    | 1    | 3   | —    | 1    | 1    | 1     | 7    | —    | 1    | 20    |
| Infective Hepatitis .....   | —    | 2    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 2     |
| Sore Throat .....           | —    | —    | —    | —    | —   | —    | —    | 1    | 2     | —    | —    | —    | 3     |
| Influenza .....             | —    | 2    | —    | 1    | 1   | —    | —    | —    | 4     | 967  | 6    | —    | 981   |
| Acute Tonsillitis .....     | 1    | —    | —    | 2    | —   | —    | —    | —    | —     | —    | —    | —    | 1     |
| Rheumatism .....            | —    | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 2     |
| Ophthalmia Neonatorum ..... | —    | —    | —    | —    | —   | 1    | —    | —    | —     | —    | —    | —    | 1     |
|                             | 381  | 418  | 284  | 347  | 172 | 106  | 122  | 99   | 61    | 1071 | 86   | 143  | 3290  |

# SCHOOL DISTRIBUTION OF INFECTIOUS DISEASES, 1957.

|                           | Scarlet<br>Fever | Chicken<br>Pox | German<br>Measles | C.S. Fever | Pneumonia | Dysentery | Observa-<br>tions | Mumps | Gastro<br>Enteritis | Measles | Whooping<br>Cough | Polio-<br>myelitis | Food<br>Poisoning | Influenza | Impetigo | Infective<br>Hepatitis | Rheu-<br>matism | Total |
|---------------------------|------------------|----------------|-------------------|------------|-----------|-----------|-------------------|-------|---------------------|---------|-------------------|--------------------|-------------------|-----------|----------|------------------------|-----------------|-------|
| Ashby Priory Lane Junior  | ...              | ...            | ...               | ...        | ...       | ...       | 2                 | 2     | —                   | —       | 12                | —                  | —                 | —         | 2        | —                      | —               | 17    |
| Ashby Priory Lane Infants | ...              | ...            | ...               | ...        | 1         | —         | 1                 | —     | —                   | 32      | —                 | —                  | —                 | 140       | 3        | —                      | —               | 284   |
| Ashby Girls               | ...              | ...            | ...               | ...        | 1         | 1         | 3                 | —     | 1                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 6     |
| Ashby Junior Mixed        | ...              | ...            | ...               | ...        | —         | 2         | 9                 | —     | —                   | 2       | 1                 | —                  | —                 | 94        | 1        | 1                      | —               | 116   |
| Ashby Infants             | ...              | ...            | ...               | ...        | —         | —         | 5                 | 1     | 1                   | 25      | 25                | —                  | 1                 | 142       | —        | 2                      | —               | 288   |
| Brumby Boys               | ...              | ...            | ...               | ...        | —         | 2         | 2                 | —     | —                   | —       | 1                 | —                  | —                 | 95        | —        | —                      | —               | 100   |
| Brumby Junior Mixed       | ...              | ...            | ...               | ...        | —         | 4         | 4                 | —     | 1                   | 5       | 1                 | —                  | —                 | 100       | —        | —                      | —               | 119   |
| Bushfield Road Infants    | ...              | ...            | ...               | ...        | 1         | 1         | 5                 | 2     | —                   | 18      | 2                 | —                  | —                 | —         | —        | —                      | —               | 100   |
| Brigg Preparatory         | ...              | ...            | ...               | ...        | —         | —         | —                 | —     | —                   | 8       | —                 | —                  | —                 | —         | —        | —                      | —               | 8     |
| Burghley Road             | ...              | ...            | ...               | ...        | —         | —         | —                 | —     | —                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 1     |
| Brigg Convent             | ...              | ...            | ...               | ...        | —         | —         | —                 | —     | —                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 1     |
| Brigg—St. Hybald's        | ...              | ...            | ...               | ...        | —         | —         | —                 | —     | —                   | 1       | —                 | —                  | —                 | —         | —        | —                      | —               | 1     |
| Crosby Junior Mixed       | ...              | ...            | ...               | ...        | —         | 1         | —                 | 1     | —                   | 2       | —                 | —                  | —                 | —         | —        | —                      | —               | 8     |
| Crosby Infants            | ...              | ...            | ...               | ...        | 1         | —         | 2                 | —     | —                   | 49      | 2                 | —                  | —                 | 9         | —        | —                      | —               | 101   |
| Doncaster Road Boys       | ...              | ...            | ...               | ...        | 2         | 1         | 1                 | —     | —                   | 1       | —                 | —                  | —                 | —         | —        | —                      | —               | 5     |
| Doncaster Road Girls      | ...              | ...            | ...               | ...        | —         | —         | 2                 | —     | —                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 2     |
| Frodingham Infants        | ...              | ...            | ...               | ...        | 1         | 2         | 4                 | 1     | —                   | 72      | 3                 | —                  | —                 | 24        | 2        | —                      | —               | 242   |
| Foxhills                  | ...              | ...            | ...               | ...        | —         | 2         | 2                 | —     | —                   | —       | 1                 | —                  | —                 | —         | —        | —                      | —               | 7     |
| Grange Lane Junior        | ...              | ...            | ...               | ...        | —         | —         | 2                 | —     | —                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 2     |
| Grange Lane Infants       | ...              | ...            | ...               | ...        | 1         | —         | 2                 | —     | —                   | 42      | 4                 | —                  | —                 | 69        | 3        | —                      | —               | 249   |
| Gurnell Street Junior     | ...              | ...            | ...               | ...        | —         | —         | 5                 | 1     | —                   | 8       | —                 | 1                  | —                 | —         | —        | —                      | —               | 84    |
| Gurnell Street Infants    | ...              | ...            | ...               | ...        | 2         | —         | 3                 | —     | —                   | 24      | 2                 | 1                  | —                 | —         | —        | —                      | —               | 102   |
| Henderson Avenue Junior   | ...              | ...            | ...               | ...        | —         | 1         | 2                 | —     | —                   | 5       | 4                 | —                  | —                 | —         | —        | —                      | —               | 29    |
| Henderson Avenue Infants  | ...              | ...            | ...               | ...        | —         | 4         | 5                 | —     | —                   | 24      | 14                | —                  | —                 | —         | —        | —                      | —               | 47    |
| Lincoln Gardens Infants   | ...              | ...            | ...               | ...        | 1         | 1         | 3                 | 14    | —                   | 18      | —                 | —                  | —                 | —         | —        | —                      | —               | 103   |
| Lincoln Gardens Junior    | ...              | ...            | ...               | ...        | 1         | 1         | 6                 | —     | —                   | 2       | 2                 | —                  | —                 | 1         | —        | —                      | —               | 14    |
| Lynton Private            | ...              | ...            | ...               | ...        | —         | —         | 1                 | —     | —                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 1     |
| Riddings                  | ...              | ...            | ...               | ...        | —         | —         | —                 | 1     | —                   | 17      | 2                 | —                  | —                 | 16        | 2        | —                      | —               | 146   |
| Rochdale Road Junior      | ...              | ...            | ...               | ...        | —         | —         | 6                 | —     | —                   | —       | 4                 | 1                  | —                 | —         | —        | —                      | —               | 12    |
| St. Bernadette's          | ...              | ...            | ...               | ...        | —         | —         | 5                 | —     | —                   | 1       | 2                 | 1                  | —                 | —         | —        | —                      | —               | 20    |
| St. Norbert's, Crowle     | ...              | ...            | ...               | ...        | —         | —         | 1                 | —     | —                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 2     |
| Technical High            | ...              | ...            | ...               | ...        | —         | —         | 1                 | —     | —                   | 1       | —                 | —                  | —                 | —         | —        | —                      | —               | 3     |
| Westcliffe                | ...              | ...            | ...               | ...        | —         | —         | 2                 | —     | 1                   | —       | —                 | —                  | —                 | —         | —        | —                      | —               | 282   |
|                           | 66               | 294            | 556               | 6          | 11        | 23        | 91                | 23    | 4                   | 357     | 82                | 4                  | 1                 | 968       | 13       | 2                      | 1               | 2502  |

# INFECTIOUS DISEASE NURSE'S CASES AND VISITS.

|                       | Cases            | Visits           |
|-----------------------|------------------|------------------|
| Scarlet Fever         | 97               | 295              |
| Pneumonia             | 74               | 7                |
| Broncho Pneumonia     | 32               | 4                |
| Measles               | 582              | 603              |
| Erysipelas            | 2                | 2                |
| Cerebro Spinal Fever  | 10               | 15               |
| Whooping Cough        | 152              | 506              |
| Dysentery             | 93               | 228              |
| Gastro Enteritis      | 48               | 50               |
| Food Poisoning        | 6                | 13               |
| Poliomyelitis         | 11               | 19               |
| Chicken Pox           | 323              | 322              |
| Mumps                 | 23               | 22               |
| Rubella               | 566              | 313              |
| Puerperal Pyrexia     | 1                | 1                |
| Observations          | 252              | 327              |
| Impetigo              | 20               | 4                |
| Influenza             | 981              | —                |
| Sore Throat           | 8                | 6                |
| Croup                 | 4                | 3                |
| Rheumatism            | 2                | 1                |
| Ophthalmia Neonatorum | 1                | 2                |
| Infective Hepatitis   | 2                | —                |
|                       | <hr/> 3290 <hr/> | <hr/> 2743 <hr/> |

## TUBERCULOSIS, 1957.

| Year | NEW CASES |          |       | CASES ON BOROUGH REGISTER |          |        | DEATHS   |       |
|------|-----------|----------|-------|---------------------------|----------|--------|----------|-------|
|      | Pul-      | Non-Pul- | Total | Pul-                      | Non-Pul- | Pul-   | Non-Pul- | Total |
|      | monary    | monary   |       | monary                    | monary   | monary | monary   |       |
| 1948 | 54        | 4        | 58    | 375                       | 106      | 17     | 1        | 18    |
| 1949 | 50        | 2        | 52    | 384                       | 106      | 17     | 1        | 18    |
| 1950 | 31        | 1        | 32    | 325                       | 72       | 13     | 2        | 15    |
| 1951 | 45        | 4        | 49    | 310                       | 56       | 7      | 1        | 8     |
| 1952 | 35        | 5        | 40    | 299                       | 56       | 5      | 3        | 8     |
| 1953 | 37        | 7        | 44    | 258                       | 48       | 6      | —        | 6     |
| 1954 | 39        | 4        | 43    | 260                       | 53       | 9      | 2        | 11    |
| 1955 | 36        | 4        | 40    | 297                       | 43       | 6      | —        | 6     |
| 1956 | 21        | 7        | 28    | 293                       | 54       | 5      | 2        | 7     |
| 1957 | 32        | 2        | 34    | 312                       | 56       | 2      | —        | 2     |

| Age               | New Cases Notified during 1957 |    |               |    | Deaths during 1957 |    |               |    |
|-------------------|--------------------------------|----|---------------|----|--------------------|----|---------------|----|
|                   | Pulmonary                      |    | Non-Pulmonary |    | Pulmonary          |    | Non-Pulmonary |    |
|                   | M.                             | F. | M.            | F. | M.                 | F. | M.            | F. |
| Under 1 year..... | —                              | —  | —             | —  | —                  | —  | —             | —  |
| 1—.....           | 1                              | 1  | —             | —  | —                  | —  | —             | —  |
| 5—.....           | 1                              | —  | 1             | —  | —                  | —  | —             | —  |
| 10—.....          | 1                              | —  | —             | —  | —                  | —  | —             | —  |
| 15—.....          | 4                              | 1  | —             | —  | —                  | —  | —             | —  |
| 20—.....          | 3                              | 2  | 1             | —  | —                  | —  | —             | —  |
| 25—.....          | 4                              | 6  | —             | —  | —                  | —  | —             | —  |
| 35—.....          | 5                              | —  | —             | —  | 1                  | —  | —             | —  |
| 45—.....          | 1                              | —  | —             | —  | 1                  | —  | —             | —  |
| 55—.....          | —                              | —  | —             | —  | —                  | —  | —             | —  |
| 65 and over.....  | 1                              | 1  | —             | —  | —                  | —  | —             | —  |
|                   | 21                             | 11 | 2             | —  | 2                  | —  | —             | —  |

There were 2 deaths from Tuberculosis notified during the year. This is the lowest number of deaths from this disease ever recorded in the town and Scunthorpe is sharing in the quite remarkable collapse of this once dreaded disease as a killing force in the nation. The number of notifications is also amongst the lowest we have had but is not a record.

## PNEUMONIA.

### Deaths due to Pneumonia.

|         | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 |
|---------|------|------|------|------|------|------|------|------|------|------|
| Males   | 9    | 5    | 5    | 8    | 8    | 10   | 11   | 10   | 10   | 8    |
| Females | 8    | 6    | 4    | 10   | 6    | 10   | 5    | 6    | 9    | 8    |
|         | 17   | 11   | 9    | 18   | 14   | 20   | 16   | 16   | 19   | 16   |

### Deaths due to Pneumonia, Age and Sex Distribution, 1957.

|             | Males | Females | Total |
|-------------|-------|---------|-------|
| 0—          | 1     | —       | 1     |
| 1—          | —     | 1       | 1     |
| 5—          | 1     | —       | 1     |
| 10—         | —     | —       | —     |
| 15—         | —     | —       | —     |
| 25—         | 1     | —       | 1     |
| 35—         | —     | —       | —     |
| 45—         | —     | —       | —     |
| 55—         | —     | 1       | 1     |
| 65—         | 4     | 2       | 6     |
| 75—         | 1     | 2       | 3     |
| 85 and over | —     | 2       | 2     |
|             | 8     | 8       | 16    |

There was a marked increase in the number of notifications of Pneumonia and 78 cases were recorded. This high number is connected with the influenza epidemic which occurred during the year. Pneumonia continues year after year to be by far the most important infection so far as loss of life is concerned both in the very young and in the very old.

## INFLUENZA.

During the Autumn the much publicised Asian 'Flu' epidemic reached Scunthorpe and left its mark quite heavily on the town, 6 people died in three weeks, school attendances were severely affected and in one week over 1,200 new cases occurred among the working population. There was also an increase in the number of notifications of Pneumonia during the epidemic.

So far as can be established the 'Flu' started during the week ending 14th September and probably ended about the 30th November although the weekly claims for sickness benefit remained higher than normal for several months. This was probably due to the prolonged weakening effect which this particular type of 'Flu' had on its victims.

The various health statistics for the period have been grouped together in the table and show the number of notifications of Pneumonia, the number of deaths from Influenza, the weekly new sickness benefit claims, the monthly percentage attendance of school children, the deaths from Pneumonia and the total weekly deaths.

The date of death, age and sex of the 6 deaths from Influenza are as follows:—

|          |        |               |
|----------|--------|---------------|
| 30.9.57  | Female | Age 14 years. |
| 4.10.57  | Male   | Age 68 years. |
| 5.10.57  | Male   | Age 61 years. |
| 6.10.57  | Male   | Age 65 years. |
| 9.10.57  | Male   | Age 55 years. |
| 15.10.57 | Female | Age 83 years. |

The type of virus was established as the type 'A' virus and a small amount of vaccine was produced and made available to nurses and doctors, by the Ministry of Health. Some of this vaccine reached Scunthorpe and was used but it arrived rather too late in the day to have had much influence on events.

### INFLUENZA, 1957.

| Week ending | Influenza Deaths | New Sickness Benefit Claims | Pneumonia Notifications | Pneumonia Deaths (Monthly) | Monthly Percentages of School Attendances | All Deaths |
|-------------|------------------|-----------------------------|-------------------------|----------------------------|-------------------------------------------|------------|
| 7. 9.57     | —                | 171                         | 1                       |                            |                                           | 10         |
| 14. 9.57    | —                | 251                         | 2                       | 2                          | 81.5                                      | 7          |
| 21. 9.57    | —                | 366                         | 3                       |                            |                                           | 17         |
| 28. 9.57    | —                | 892                         | 9                       |                            |                                           | 10         |
| 5.10.57     | 3                | 1,221                       | 3                       |                            |                                           | 12         |
| 12.10.57    | 2                | 1,148                       | 14                      |                            | 84.7                                      | 12         |
| 19.10.57    | 1                | 879                         | 7                       | 1                          |                                           | 13         |
| 26.10.57    | —                | 514                         | 7                       |                            |                                           | 8          |
| 2.11.57     | —                | 496                         | 2                       |                            |                                           | 12         |
| 9.11.57     | —                | 396                         | —                       |                            |                                           | 10         |
| 16.11.57    | —                | 328                         | 1                       | 2                          | 93.4                                      | 8          |
| 23.11.57    | —                | 329                         | —                       |                            |                                           | 21         |
| 30.11.57    | —                | 318                         | 1                       |                            |                                           | 27         |

## ANNUAL RETURN OF FOOD POISONING.

### 1. (a) **Food Poisoning Notifications** (Corrected) **as Returned to Registrar General**

| 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total |
|-------------|-------------|-------------|-------------|-------|
| 2           | 3           | 1           | —           | 6     |

### (b) **Cases Otherwise Ascertained**

| 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total |
|-------------|-------------|-------------|-------------|-------|
| —           | 4           | —           | 1           | 5     |

### (c) **Fatal Cases**

| 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total |
|-------------|-------------|-------------|-------------|-------|
| —           | —           | —           | —           | —     |

### 2. **Particulars of Outbreaks**

|                      | No. of Outbreaks |                 | No. of Cases |                       | Total No. of Cases |
|----------------------|------------------|-----------------|--------------|-----------------------|--------------------|
|                      | Family Outbreaks | Other Outbreaks | Notified     | Otherwise Ascertained |                    |
| Agent Identified*    | 2                | —               | 4            | —                     | 4                  |
| Agent Not Identified | 1                | —               | 2            | —                     | 2                  |

\* Staphylococcus aureus.

### 3. **Single Cases**

|                      | No. of Cases |                       | Total No. of Cases |
|----------------------|--------------|-----------------------|--------------------|
|                      | Notified     | Otherwise Ascertained |                    |
| Agent Identified*    | —            | 2                     | 2                  |
| Agent Not Identified | 2            | 1                     | 3                  |

\* Salmonella Typhimurium.  
Salmonella Heidelberg.

## **ENVIRONMENTAL HEALTH.**

### **Clean Air Act, 1956.**

#### **Height of Chimneys:**

The Borough has been given certain responsibilities in this matter and is required to satisfy itself that the height of any proposed industrial chimney will be sufficient to prevent, so far as practicable, the smoke, grit, dust or gases from becoming prejudicial to health or a nuisance. Two applications for approval were dealt with during the year. Both were from the Appleby-Frodingham Steelworks and both were approved after guarantees were given by the works regarding the fuels to be used.

#### **Prior Approval of Heating Appliances:**

The Borough is responsible for granting prior approval to the type of furnace to be installed within its area to ensure that it is of a type capable of operating smokelessly. Two such applications were received and approval was given in both cases.

### **Housing.**

#### **New Houses:**

464 houses were completed during the year, 312 by the local authority and 152 by private builders.

#### **Sub-standard Houses:**

During the year 35 houses which had been the subject of Individual Demolition Orders were demolished. Closing Orders were made on a further 6 houses.

An inquiry was held by the Ministry in connection with an appeal against a Compulsory Purchase Order for a block of 9 houses. At the end of the year the result of the appeal was not known.

### **Hostels.**

|                              |     |
|------------------------------|-----|
| Brigg Road—accommodation for | 128 |
| British Railways             | 40  |
| Firth Brown                  | 15  |

Two of the hostels were full throughout the year whilst the third one has remained virtually empty, there being only 8 occupants. This hostel has been in this condition now for a number of years due to the gradual decrease of staff in this particular industry. It is not conveniently situated to attract single men to occupy it.

### **Caravans.**

The municipal caravan site, with accommodation for 50 caravans, continues to remain full and there was an average waiting list throughout the year of 10. Application has been made to the Ministry for loan sanction to extend the accommodation by a further 12 vans.

The vacant land on the outskirts of the town continues to receive visits from the nomadic type of traveller, viz.—the gipsy. Frequent inspections are made of these areas.

### **Public Conveniences.**

After many years of effort, public conveniences for males and females at Ashby Turn were opened during the latter part of the year. In both of these conveniences admission to the water closets is by means of turnstiles which have proved satisfactory. Further public conveniences have been planned for Avenue Vivian and for the new Food Market scheme at Ashby.

The following table gives details of the income derived from the public conveniences during the year:—

**PUBLIC CONVENIENCES—INCOME, 1957.**

|                             | Hozene<br>Receipts | Number of<br>persons using<br>W.C.s | Receipts        | Number of<br>persons using<br>Wash-ups | Receipts        | Number of<br>persons using<br>Weighing<br>Machines | 40% Weighing<br>Machine<br>Receipts | Total<br>Receipts |
|-----------------------------|--------------------|-------------------------------------|-----------------|----------------------------------------|-----------------|----------------------------------------------------|-------------------------------------|-------------------|
|                             | £ s. d.            |                                     | £ s. d.         |                                        | £ s. d.         |                                                    | £ s. d.                             | £ s. d.           |
| Market Hill (Ladies) .....  | 82 0 0             | 71,606                              | 298 7 2         | 1,248                                  | 15 12 0         | 7,737                                              | 12 17 11                            | 408 17 1          |
| Market Hill (Gents.) .....  | — — —              | 23,953                              | 99 16 1         | 3,320                                  | 51 14 1         | 19,545                                             | 32 11 6                             | 184 1 8           |
| Britannia Corner (Ladies)   | 99 6 9             | 76,240                              | 317 13 4        | 971                                    | 12 4 3          | 17,667                                             | 29 8 11                             | 458 13 3          |
| Britannia Corner (Gents.)   | — — —              | 31,598                              | 131 13 2        | 2,309                                  | 37 9 4          | 42,910                                             | 71 10 4                             | 240 12 10         |
| Cole Street (Ladies) .....  | — — —              | 3,777                               | 15 14 9         | —                                      | — — —           | —                                                  | — — —                               | 15 14 9           |
| Cole Street (Gents.) .....  | — — —              | 5,263                               | 21 18 7         | —                                      | — — —           | 98                                                 | 3 3                                 | 22 1 10           |
| Furnace Arms (Gents.) ..... | — — —              | 5,061                               | 21 1 9          | —                                      | — — —           | —                                                  | — — —                               | 21 1 9            |
| Cottage Beck (Ladies) ..... | — — —              | 1,722                               | 7 3 6           | —                                      | — — —           | —                                                  | — — —                               | 7 3 6             |
| Cottage Beck (Gents.) ..... | — — —              | 2,646                               | 11 0 6          | —                                      | — — —           | 3,652                                              | 6 1 9                               | 17 2 3            |
| Ashby Road (Ladies) .....   | 2 0 7              | 5,637                               | 23 9 9          | —                                      | — — —           | 995                                                | 1 13 2                              | 27 3 6            |
| Ashby Road (Gents.) .....   | — — —              | 4,914                               | 20 9 6          | —                                      | — — —           | 4,750                                              | 7 18 4                              | 28 7 10           |
| Ashby Turn (Ladies) .....   | 3 9                | 819                                 | 3 8 3           | —                                      | — — —           | 70                                                 | 2 4                                 | 3 14 4            |
| Ashby Turn (Gents.) .....   | — — —              | 497                                 | 2 1 5           | —                                      | — — —           | —                                                  | — — —                               | 2 1 5             |
| <b>TOTAL</b>                | <b>183 11 1</b>    | <b>233,733</b>                      | <b>973 17 9</b> | <b>7,848</b>                           | <b>116 19 8</b> | <b>97,424</b>                                      | <b>162 7 6</b>                      | <b>1436 16 0</b>  |

## DRAINAGE AND SANITATION.

There are 18,370 houses with water closets and only 14 houses with pail closets. One house was connected to the public sewer on the conversion of a pail closet to a water closet. The other houses are at the present time too far from a public sewer to warrant conversion.

The Borough Surveyor has reported that:—

“New sewers laid during the year totalled 13,746 yards of which 7,750 were surface water, 5,536 were foul sewers and 460 yards were combined sewers.

Most of these were to make provision for new development, but some were improvements to existing drainage facilities in Dale Street, Anne's Crescent, St. John's Road and Minster Road. A section of Brumby beck was piped during the year in 51" and 60" diameter pipes.

Ministry approval was received during the year to proceed with a new trunk sewer at the foot of the western escarpment to take all the drainage from the western half of the Borough to the Joint Sewage Works at Yaddleshorpe."

### Public Baths.

26 samples of baths water were sent for bacteriological examination with satisfactory results. 8 samples were sent for chemical analysis and 1 was found to be unsatisfactory.

I am indebted to the Baths Superintendent, Mr. E. Oates for the following information:—

“Attendances January—December, 1957.

|               |           |       |        |
|---------------|-----------|-------|--------|
| Swimming.     | Adults    | ..... | 18,128 |
|               | Juniors   | ..... | 38,502 |
|               | Juveniles | ..... | 20,816 |
| Slipper Baths | .....     | ..... | 14,259 |

The 100,000 gallons of water in the swimming pools are maintained in the highest standard of purity and quality by the most up-to-date methods and equipment through filtration, and sterilization by break-point chlorination.

The problem of maintaining the purity of a Swimming Pool water is very complex for the same water is re-circulated and open to contamination from the bathers, the pool surround and indeed from the atmosphere. Chlorination is the proven method of destroying water-borne diseases throughout the bath.

Further purification is achieved by means of a series of highly effective filters which remove impurities of all kinds from the water.

The pumps and filters etc., at the Scunthorpe Baths can take approximately 27,000 gallons per hour, and the water in the pool is moving constantly through the Filtering, Sterilizing and Heating processes."

## REFUSE AND SALVAGE.

### 1. Refuse.

Approximately 25,000 tons of refuse have been collected and disposed of during the year at Brigg Road Tip. This amount of refuse was collected from 19,384 premises.

In addition, 2,500 tons of rubbish have been taken to the tip by private traders in the town.

In June an Allis Chalmers HD 6G tractor was purchased for use at the tip. The machine is doing excellent service in excavating soil to allow for the tipping of refuse, consolidating the refuse after tipping and finally levelling off. It is interesting to note that during the year 17,000 tons of soil were dug out by this machine and 1,700 tons of soil moved by the Bristol 22 bulldozer and used for covering the refuse.

The bin bonus scheme which was introduced in 1954 still continues to pay good dividends. Although there has been an increase of 2,000 houses since 1954, the number of men now employed on refuse collection is less than the number employed when the scheme commenced. The cost of collection and disposal is 6d. per ton less than in the previous year.

### 2. Salvage.

The following table gives the amounts of salvage collected and the value:—

| Item                   | Weight |      |      |      | Value  |    |    |
|------------------------|--------|------|------|------|--------|----|----|
|                        | Tons   | cwt. | qrs. | lbs. | £      | s. | d. |
| Waste Paper .....      | 1218   | 12   | 2    | 0    | 9,829  | 3  | 0  |
| Aluminium .....        |        | 14   | 3    | 25   | 76     | 15 | 2  |
| Scrap Tyres .....      | 4      | 7    | 2    | 0    | 25     | 19 | 0  |
| Rags .....             | 24     | 11   | 1    | 7    | 729    | 11 | 10 |
| Bagging .....          | 4      | 1    | 1    | 22   | 45     | 4  | 6  |
| Baled Tins .....       | 25     | 11   | 0    | 0    | 222    | 16 | 1  |
| Scrap Metal .....      | 16     | 3    | 3    | 0    | 103    | 13 | 6  |
| Wood Wool .....        | 2      | 5    | 0    | 0    | 33     | 15 | 0  |
| Carpets .....          | 2      | 11   | 2    | 0    | 15     | 9  | 0  |
| String .....           |        | 19   | 1    | 0    | 8      | 13 | 3  |
| Bottles and Jars ..... | —      | —    | —    | —    | 23     | 13 | 4  |
| Brass .....            |        |      | 3    | 20   | 3      | 18 | 11 |
| Copper .....           |        |      | 2    | 2    | 3      | 2  | 2  |
|                        | 1299   | 19   | 2    | 20   | 11,121 | 14 | 9  |

There is a slight increase in income and tonnage over the previous year.

The waste paper quota system has been in operation throughout the year thereby limiting the sales.

Prices for non-ferrous metals have also fallen during the year.

## PUBLIC CLEANSING COSTING RETURN, 1957/58.

### 1. Operational Statistics.

|                                           |             |
|-------------------------------------------|-------------|
| Area of the Borough .....                 | 7,895 acres |
| Population (mid 1957 estimate).....       | 59,490      |
| Total Refuse Collected .....              | 25,000 tons |
| Weight per 1,000 population per day ..... | 23.03 cwts. |
| Number of premises .....                  | 19,384      |
| Average haul to point of disposal .....   | 2½ miles    |
| Total refuse disposed of .....            | 25,750 tons |

### 2. Cost Statement.

|                                    | Collection | Disposal | Total  |
|------------------------------------|------------|----------|--------|
| Revenue Account                    | £          | £        | £      |
| Gross expenditure .....            | 29,797     | 13,765   | 43,562 |
| Gross income .....                 | 404        | 11,151   | 11,555 |
| Net cost .....                     | 29,393     | 2,614    | 32,007 |
| Unit Costs:                        | s. d.      | s. d.    | s. d.  |
| * Gross cost per ton...            | 21 7       | 9 0      | 30 7   |
| + Net cost per ton .....           | 23 6       | 2 0      | 25 6   |
| *—Labour and transport costs only. |            |          |        |
| + All expenditure.                 |            |          |        |

### Rodent Control—Prevention of Damage by Pests Act 1949.

205 premises were reported by occupiers to be infested (160 by rats and 45 by mice). The Rodent Operative discovered a further 31 premises (22 by rats and 9 by mice). 1654 private houses and 198 other premises were visited by the Rodent Operative and 99 special visits were made by the Public Health Inspectors. There were no major infestations during the year.

The treatment of sewers was carried out using Warfarin with an inhibitor. 248 sewer manholes were baited with the following results:—20 complete takes, 34 part takes, 194 no takes.

### Rag Flock and Other Filling Materials Act 1951.

The 3 registered premises were inspected and no contraventions noted.

## FOOD HANDLING.

### General.

482 visits were made to the various food premises in the town and 83 contraventions were abated. These occurred at 23 grocers' shops, 5 butchers' shops, 2 fried fish shops, 2 cafes and 1 bakehouse. The contraventions were of a minor nature being mainly concerned with the provision of first aid boxes, nail brushes and the display of notices, etc. However, 12 wash-hand basins and 9 separate sinks

all with hot and cold water were provided, and hot water was installed over a further 8 existing sinks. Additional washing facilities were provided at the Public Market.

#### **Bakehouses.**

The 16 bakehouses in the town were inspected twice during the year and all were found to be in a satisfactory condition.

#### **Fried Fish and Chip Shops.**

2 new fried fish and chip shops were opened during the year making a total of 47. 93 visits were made and in only 2 instances were contraventions found and remedied.

#### **Butchers Shops.**

4 new butchers' shops were opened making a total of 56. 68 inspections were recorded and contraventions were remedied in 5 shops.

#### **Travelling Shops.**

The number of mobile shops touring the town continues to increase and every endeavour is made to inspect them.

#### **Dairies.**

The two dairies in the town continue to produce and supply heat treated milk. 1 farm which sold Tuberculin Tested raw milk in bottles to the Local War Memorial Hospital ceased to do so.

Raw milk arrives in suitable tankers at one dairy and is processed immediately. At the other dairy the milk arrives in churns and is sampled regularly.

37 samples of Tuberculin Tested milk were bacteriologically examined and 4 samples failed the Methylene Blue test. The County Milk Production Officer is notified of all failures, to allow follow up samples to be taken at the farms.

107 samples of ungraded milk and 21 samples of Tuberculin Tested milk were sent for biological examination. 1 sample of ungraded milk gave a positive result for tuberculosis. The County Authorities were notified and the animal was traced and subsequently killed.

#### **Ice Cream.**

Loose ice cream is retailed in the town by one local and three outside producer/retailers. The vans, which were all found to be clean, are provided with wash-hand basins and hot and cold water.

#### **Cafes and Snack Bars.**

There are at present 24 premises where a person can obtain some kind of a meal in the town. These are divided into 3 groups.

|                                                    |    |
|----------------------------------------------------|----|
| 1. Cafes used solely for the service of main meals | 5  |
| 2. Cafes attached to other buildings               | 11 |
| 3. Snack Bars                                      | 8  |

Visits were made during the year and all premises found to be clean and satisfactory.

### **Food Preparing Premises.**

1 additional bakehouse was registered for the preparation of meat products bringing the full total to 41 classified as: 31 butchers shops, 7 bakehouses, 1 fish and chip shop and 2 wet fish shops. All are satisfactory.

There are also 3 other types of food premises, viz : 1 minerals, 1 sweets, and 1 crisps. These are also satisfactory.

### **Shops.**

During the year further houses were converted to either houses and shops or complete shops, and the present total is 907 premises made up of 380 houses and shops, 112 lock-up shops attached to dwelling houses and 415 separate lock up shops.

This total includes 189 grocers, 24 greengrocers and 35 confectionery shops which were visited to ensure compliance with the Food Hygiene Regulations.

### **Slaughterhouses.**

There are two slaughterhouses in the town. One owned by a private trader and the other owned by the Corporation and leased to the Fatstock Marketing Corporation. Both are in good condition and well kept.

## **INSPECTION OF MEAT AND OTHER FOODS.**

### **Meat Inspection.**

The meat killed in the town still continues to receive 100% inspection at the two slaughterhouses. This has necessitated a certain amount of overtime being done by the Inspectors. Dressed carcasses etc. killed and inspected in other towns which is sold in the Borough receives regular checking.

There was an increase in the number of beasts killed at the abattoir and pigs killed at the private slaughterhouse, whilst the number of sheep, pigs and calves killed at the abattoir showed a decrease.

There was an increase in the total weight of meat condemned during the year.

# ANIMALS SLAUGHTERED, 1957.

The following table shows the number of animals slaughtered during the year.

| Month     | Beast | Cows | Sheep | Pigs  | Calves | Private Slaughter-house (Pigs) |
|-----------|-------|------|-------|-------|--------|--------------------------------|
| January   | 342   | 16   | 529   | 711   | 1      | 294                            |
| February  | 267   | 20   | 523   | 526   | 1      | 323                            |
| March     | 303   | 19   | 262   | 731   | 1      | 334                            |
| April     | 376   | 23   | 186   | 640   | 2      | 434                            |
| May       | 332   | 23   | 198   | 645   | 1      | 343                            |
| June      | 350   | 12   | 517   | 560   | —      | 302                            |
| July      | 306   | 14   | 818   | 409   | 1      | 397                            |
| August    | 432   | 6    | 968   | 547   | —      | 324                            |
| September | 351   | 7    | 747   | 787   | 3      | 210                            |
| October   | 525   | 15   | 874   | 936   | 5      | 432                            |
| November  | 388   | 8    | 845   | 861   | —      | 425                            |
| December  | 375   | 16   | 603   | 1,440 | 1      | 607                            |
| TOTALS    | 4,347 | 179  | 7,070 | 8,793 | 16     | 4,425                          |

# UNFIT MEAT SURRENDERED.

The following table shows the amount of meat surrendered after examination, giving the weight in pounds and the disease or cause of unfitness.

| Disease                          | Jan. | Feb. | Mar. | Apr. | May   | June | July  | Aug. | Sept. | Oct. | Nov. | Dec. | Total  |
|----------------------------------|------|------|------|------|-------|------|-------|------|-------|------|------|------|--------|
| Tuberculosis .....               | 2157 | 2399 | 3209 | 4198 | 4276  | 1469 | 7004  | 2492 | 2468  | 3653 | 3476 | 2299 | 39100  |
| Abscesses .....                  | 574  | 441  | 566  | 428  | 423   | 297  | 432   | 319  | 405   | 300  | 447  | 228  | 4860   |
| Arthritis .....                  | 118  | 73   | 196  | 87   | 363   | 152  | 18    | 43   | 26    | 30   | 31   | 61   | 1198   |
| Actinomycosis .....              | 94   | 134  | 94   | 129  | 30    | 130  | 62    | 186  | 62    | 92   | 90   | 30   | 1133   |
| Bruising and Broken .....        | 208  | 179  | 122  | 70   | 245   | 2    | 68    | 130  | 126   | 528  | 162  | 577  | 2417   |
| Cysticercus Bovis .....          | 76   | 116  | 104  | 67   | 181   | 126  | 110   | 77   | 262   | 448  | 253  | 154  | 1974   |
| Fevered .....                    | —    | 282  | 142  | —    | 209   | —    | —     | —    | —     | —    | —    | —    | 633    |
| Pyæmia .....                     | 66   | 222  | 200  | 126  | —     | —    | —     | —    | —     | —    | —    | —    | 614    |
| Septicæmia .....                 | 94   | 971  | 1922 | 131  | 1217  | 161  | 1403  | 742  | 982   | 1028 | 298  | 163  | 9112   |
| Inflammation and Pneumonia ..... | 1145 | 1163 | 1458 | 1410 | 1188  | 1538 | 2251  | 2231 | 2757  | 1438 | 2236 | 2555 | 21370  |
| Parasitical Infestation .....    | 980  | 1292 | 908  | 862  | 1041  | 1000 | 1216  | 1117 | 707   | 1154 | 1644 | 1027 | 12948  |
| Other Conditions .....           | 524  | 177  | 987  | 1403 | 1442  | 907  | 1418  | 1609 | 1067  | 648  | 118  | 1048 | 11348  |
|                                  | 6036 | 7449 | 9908 | 8911 | 10615 | 5782 | 13982 | 8946 | 8862  | 9319 | 8755 | 8142 | 106707 |

# CARCASES INSPECTED AND CONDEMNED, 1957.

|                                                                                                         | Cattle<br>excluding<br>Cows | Cows  | Calves | Sheep<br>and<br>Lambs | Pigs    |
|---------------------------------------------------------------------------------------------------------|-----------------------------|-------|--------|-----------------------|---------|
| Number killed .....                                                                                     | 4,341                       | 179   | 16     | 7,070                 | 13,218* |
| Number inspected .....                                                                                  | 4,341                       | 179   | 16     | 7,070                 | 13,218  |
| <i>All diseases except Tuberculosis and Cysticerci:</i>                                                 |                             |       |        |                       |         |
| Whole carcasses condemned .....                                                                         | 10                          | 4     | 4      | 10                    | 58      |
| Carcases of which some part or organ was condemned .....                                                | 1,788                       | 89    | 6      | 129                   | 2,200   |
| Percentage of the number inspected affected with disease other than<br>Tuberculosis and Cysticerci..... | 41.4%                       | 51.9% | 62.5%  | 1.9%                  | 17.1%   |
| <i>Tuberculosis only:</i>                                                                               |                             |       |        |                       |         |
| Whole carcasses condemned .....                                                                         | 14                          | 6     | 1      | —                     | 9       |
| Carcases of which some part or organ was condemned .....                                                | 378                         | 31    | —      | —                     | 627     |
| Percentage of the number inspected affected with Tuberculosis .....                                     | 9%                          | 20.7% | 6.2%   | —                     | 4.8%    |
| <i>Cysticercosis:</i>                                                                                   |                             |       |        |                       |         |
| Carcases of which some part or organ was condemned .....                                                | 83                          | —     | —      | —                     | —       |
| Carcases submitted to treatment by refrigeration .....                                                  | 83                          | —     | —      | —                     | —       |
| Generalised and totally condemned .....                                                                 | —                           | —     | —      | —                     | —       |

\* This includes 4,425 pigs from private slaughterhouse.

## Other Foods.

Whilst inspecting premises in connection with the Food Hygiene Regulations, due regard is paid to food either exposed for sale or deposited for the purpose of sale. Frequent visits are made to the stalls in both Public Markets as well as keeping a check on food in mobile shops, warehouses, etc.

The inspectors are called to food shops and warehouses to check over old stock and to issue certificates of unfitness as required. A total of 25 cwts. of tinned goods etc. were surrendered as unsound and disposed of on the Council's controlled tip.

## Milk.

The following licences are in force:—

|                                                                                                                         |     |
|-------------------------------------------------------------------------------------------------------------------------|-----|
| Dealer's (Pasteuriser's) licence authorising the use of the special designation "Pasteurised" .....                     | 2   |
| Dealer's (Pasteuriser's) licence authorising the use of the special designation "Tuberculin Tested (Pasteurised)" ..... | 2   |
| Dealer's (Steriliser's) licence authorising the use of the special designation "Sterilised" .....                       | 2   |
| Dealer's supplementary licence authorising the use of the special designation "Sterilised" .....                        | 162 |
| Dealer's supplementary licence to sell Tuberculin Tested Milk .....                                                     | 2   |

## Bacteriological Examination.

The following are the results from the 317 samples of milk taken during the year:—

|                          | Satisfactory | Unsatisfactory | Total |
|--------------------------|--------------|----------------|-------|
| Pasteurised .....        | 91           | 1              | 92    |
| T.T. (Pasteurised) ..... | 91           | 1              | 92    |
| Sterilised .....         | 92           | —              | 92    |
| Tuberculin Tested .....  | 37           | 4              | 41    |
|                          | 311          | 6              | 317   |

## Biological Examination.

The following are the results from the 128 samples of milk taken during the year:—

|                         | Satisfactory | Brucella | T.B. | Total |
|-------------------------|--------------|----------|------|-------|
| Ungraded .....          | 94           | 12       | 1    | 107   |
| Tuberculin Tested ..... | 19           | 2        | —    | 21    |
|                         | 113          | 14       | 1    | 128   |

### Gerber Samples.

|                                    |       |       |       |       |       |     |
|------------------------------------|-------|-------|-------|-------|-------|-----|
| Number examined                    | ..... | ..... | ..... | ..... | ..... | 175 |
| Number deficient in fat            | ..... | ..... | ..... | ..... | ..... | 2   |
| Number deficient in solids-not-fat | ..... | ..... | ..... | ..... | ..... | 16  |

Follow-up samples were taken and all were found to be satisfactory.

### Ice Cream.

#### (a) Bacteriological Examination.

28 samples of ice cream were sent for bacteriological examination. 20 were Grade 1, 4 were Grade 2 and 4 were Grade 4.

The unsatisfactory samples were loose ice cream produced outside the town and the appropriate local authorities have co-operated to ensure an improvement in the cleanliness.

#### (b) Chemical Examination.

7 samples were sent for chemical analysis and the fat contents were noted as well above the required standard ranging from 7.53% to 11.87%.

### FOOD SAMPLING.

125 samples of food and drugs (125 informal) were taken during the year under the Food and Drugs Act, 1955. Details are as follows:—

| Item                   | Formal | Informal | Total |
|------------------------|--------|----------|-------|
| Aspirins               | —      | 3        | 3     |
| Almond Essence         | —      | 1        | 1     |
| Almond Flavour         | —      | 3        | 3     |
| Butter                 | —      | 3        | 3     |
| Bicarbonate of Soda    | —      | 3        | 3     |
| Cheese                 | —      | 3        | 3     |
| Cream                  | —      | 3        | 3     |
| Castor Oil             | —      | 3        | 3     |
| Camphorated Oil        | —      | 3        | 3     |
| Cooking Fat            | —      | 3        | 3     |
| Dripping               | —      | 3        | 3     |
| Friars Balsam          | —      | 2        | 2     |
| Fish Paste             | —      | 2        | 2     |
| Flour, Plain           | —      | 3        | 3     |
| Gelatine               | —      | 2        | 2     |
| Glauber Salt           | —      | 4        | 4     |
| Glycerine              | —      | 3        | 3     |
| Hydrogen Peroxide      | —      | 3        | 3     |
| Ice Cream              | —      | 7        | 7     |
| Iodised Throat Tablets | —      | 2        | 2     |
| Ice Lollipops          | —      | 3        | 3     |
| Jellies                | —      | 3        | 3     |
| Jam                    | —      | 3        | 3     |

| Item               | Formal | Informal | Total |
|--------------------|--------|----------|-------|
| Lard               | —      | 3        | 3     |
| Lemon Curd         | —      | 2        | 2     |
| Lemon Cheese       | —      | 1        | 1     |
| Liquid Paraffin    | —      | 3        | 3     |
| Minerals           | —      | 2        | 2     |
| Margarine          | —      | 3        | 3     |
| Milk               | —      | 1        | 1     |
| Macaroni           | —      | 2        | 2     |
| Orange Drinks      | —      | 4        | 4     |
| Olive Oil          | —      | 3        | 3     |
| Pepper             | —      | 3        | 3     |
| Pearl Barley       | —      | 2        | 2     |
| Rum Flavouring     | —      | 2        | 2     |
| Rice               | —      | 3        | 3     |
| Sultanas           | —      | 2        | 2     |
| Sugar              | —      | 1        | 1     |
| Sausage, Pork      | —      | 3        | 3     |
| Sauce              | —      | 3        | 3     |
| Tea                | —      | 7        | 7     |
| Tapioca            | —      | 2        | 2     |
| Tincture of Iodine | —      | 2        | 2     |
| Vinegar            | —      | 3        | 3     |
|                    | —      | 125      | 125   |

The following table shows the results of the unsatisfactory samples:—

| No. of Sample | Nature of Sample | Formal/ Informal | Report                                                        | Action taken                                        |
|---------------|------------------|------------------|---------------------------------------------------------------|-----------------------------------------------------|
| 2779          | Glauber Salt     | Informal         | Sample had lost a large per cent of water of crystallisation. | Found to be old stock and subsequently disposed of. |
| 2781          | Glauber Salt     | Informal         | Sample had lost a large per cent of water of crystallisation. |                                                     |

### WATER.

78 samples of water were taken from various parts of the town and sent for bacteriological examination. 64 of these were satisfactory but between the 28th August and the 9th September 14 contaminated samples were taken from an area round High Street, Parkinson Avenue and Frodingham Road. The bacterial count rose to 50 organisms per cb. ml. on 5/9/57. The people in the area were warned to boil all water before drinking it and notices were put

in the local press. The Water Engineer was informed and advice was given that the amount of chlorine in the water should be increased.

The explanation given to account for the contaminated water was that the main on Frodingham Road had been opened for the purpose of fitting a new valve and that some dirt must have got into the pipes. These pipes were flushed out and chlorinated and no further trouble was found.

10 samples of water were chemically examined, with satisfactory results.

There are three houses only which are not connected to the public supply.

The following information has been supplied by the Borough Engineer:—

#### **Consumption of Water in the Borough of Scunthorpe.**

|                | Consumption<br>for the year<br>gallons | Average daily<br>consumption<br>gallons | Consumption<br>in galls. per<br>head per day |
|----------------|----------------------------------------|-----------------------------------------|----------------------------------------------|
| Domestic ..... | 616,043,000                            | 1,687,789                               | 28.4                                         |
| Metered .....  | 153,837,000                            | 421,471                                 | 7.1                                          |
| <b>TOTAL</b>   | <b>769,880,000</b>                     | <b>2,109,260</b>                        | <b>35.5</b>                                  |

Consumption of water in the Parish of Roxby-cum-Risby, which is included in the statutory area of supply—

Consumption for the year—7,785,000 gallons.

Consumption of water supplied by the Corporation Undertaking outside the Statutory Area (Glanford Brigg Rural District)—

Consumption for the year—3,200,000 gallons.

Total consumption for the year, including Scunthorpe, Roxby-cum-Risby and parts of Glanford Brigg Rural District—

780,865,000 gallons.

#### **Summary of "Take" from the various sources of supply.**

| Source of Supply               | Total per year<br>—gallons | Average per day<br>—gallons |
|--------------------------------|----------------------------|-----------------------------|
| Corporation Works:             |                            |                             |
| Appleby Pumping Station        | 42,504,000                 | 116,000                     |
| North Lindsey Water Board..... | 738,361,000                | 2,023,000                   |
| <b>TOTAL</b>                   | <b>780,865,000</b>         | <b>2,139,000</b>            |

## FACTORIES AND WORKPLACES.

During the year, 186 inspections have been made of factories and workplaces.

### Defects Found.

| Particulars             | Number of Defects : |          |
|-------------------------|---------------------|----------|
|                         | Found               | Remedied |
| Sanitary Conveniences : |                     |          |
| Unsuitable or defective | 1                   | 1        |

### Factories and Workplaces in the Borough, 1957.

| Type                                    | With<br>Power | Without<br>Power |
|-----------------------------------------|---------------|------------------|
| Bakehouses                              | 12            | 1                |
| Boot and Shoe Repairers                 | 9             | —                |
| Boot Manufacturers                      | 1             | —                |
| Cycle Repairers                         | 2             | 1                |
| Concrete Products                       | 1             | —                |
| Cellulose Spraying                      | 1             | —                |
| Clothing Manufacturers                  | 3             | —                |
| Dairies                                 | 2             | —                |
| Dressmakers                             | 2             | 7                |
| Egg Packing                             | 1             | —                |
| Engineers                               | 8             | —                |
| Firewood                                | 2             | —                |
| French Polishers                        | —             | 2                |
| Food Manufacturers                      | 19            | —                |
| Gas Works                               | 1             | —                |
| Glazier                                 | 1             | —                |
| Iron and Steel and Subsidiary Companies | 30            | —                |
| Joinery and Upholstery                  | 25            | 1                |
| Laundries and Dry Cleaners              | 5             | 1                |
| Marine Stores                           | —             | 2                |
| Mineral Waters                          | 1             | —                |
| Manufacturing Chemist                   | 1             | —                |
| Paper Baling                            | 1             | —                |
| Plumbing                                | 3             | —                |
| Printers                                | 7             | 1                |
| Radio and Electrical Repairs            | 10            | —                |
| Photographers                           | —             | 1                |
| Scale Repairs                           | 1             | —                |
| Stone Masons                            | 1             | 1                |
| Saddlery                                | —             | 1                |
| Tinsmiths                               | 1             | —                |
| Vehicle Repairs                         | 50            | —                |
| Wagon Repairs                           | 4             | —                |
| Watch Repairs                           | 1             | —                |
| Wreath Making                           | —             | 1                |
|                                         | 206           | 20               |

## GENERAL INSPECTIONS.

|                                 |       |       |       |       |       |       |       |       |       |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Number of Inspections .....     | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,700 |
| Number of Nuisances Abated..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2,511 |

|                          | Ashby | Brumby | Crosby | East | Frodingham | Park | Town | West | TOTAL |
|--------------------------|-------|--------|--------|------|------------|------|------|------|-------|
| No. of Informal Notices  | 336   | 141    | 81     | 63   | 196        | 145  | 127  | 51   | 1140  |
| No. of Statutory Notices | 7     | —      | 10     | 12   | 12         | 1    | 10   | 3    | 55    |
| No. of Complaints .....  | 43    | 19     | 20     | 19   | 36         | 20   | 34   | 14   | 205   |

Total Number of Nuisances Abated during the year :—

|                                                |       |       |       |       |       |       |       |       |      |
|------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| (1) Abated as a result of informal action..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1839 |
| (2) Reported to Council:                       |       |       |       |       |       |       |       |       |      |
| Statutory Notices issued .....                 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 55   |
| Statutory Notices not issued .....             | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20   |

## DETAILS OF NUISANCES ABATED.

|                                                      | After Informal<br>Action | After Statutory<br>Notice |
|------------------------------------------------------|--------------------------|---------------------------|
| Refuse .....                                         | 10                       | —                         |
| Drainage .....                                       | 605                      | —                         |
| Poultry and Animals .....                            | 1                        | —                         |
| Miscellaneous Nuisances .....                        | 47                       | 9                         |
| Housing Defects remedied .....                       | 284                      | 122                       |
| Nuisances from Smoke .....                           | 12                       | 4                         |
| Dustbins renewed .....                               | 823                      | 8                         |
| Water Closets repaired .....                         | 16                       | 19                        |
| Houses provided with sinks and<br>water inside ..... | 41                       | 2                         |

## DISINFECTION, Etc.

|                                                    |       |       |       |       |       |       |       |    |
|----------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|----|
| Rooms disinfected .....                            | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 80 |
| (a) Tuberculosis .....                             | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1  |
| (b) Other Infectious Diseases .....                | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 79 |
| Number of premises subject to disinfestation ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40 |

## DRAINAGE AND SEWERAGE.

### Closets.

|                                                                                |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Number of houses with privy vaults in Borough .....                            | ..... | ..... | ..... | ..... | ..... | ..... | ..... | —     |
| Number of houses with pail closets in Borough .....                            | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14    |
| Number of houses with water closets in Borough .....                           | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 18370 |
| Number of water closets substituted for pail closets and<br>privy vaults ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1     |

### Sewers.

|                                 |       |       |       |       |       |       |       |             |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------------|
| New lengths of sewers laid..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 41,238 feet |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------------|

## HOUSING, Etc.

### Number of new houses erected during the year:

|                                     |     |
|-------------------------------------|-----|
| 1. By local authority .....         | 312 |
| 2. By other local authority .....   | —   |
| 3. By other bodies or persons ..... | 152 |

### Inspection of Dwelling-houses during the year:

|                                                                                                         |      |
|---------------------------------------------------------------------------------------------------------|------|
| 1. Total number of dwelling-houses inspected for defects<br>(under Public Health or Housing Acts) ..... | 1228 |
| 2. Number of inspections made for the purpose .....                                                     | 1700 |

### Remedy of Defects during the year without service of Formal Notices:

|                                                                                                                                   |     |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers ..... | 988 |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|

### Acting under Statutory Powers during the year:

#### (a) Proceedings under Section 9 and 10 of Housing Act 1936:

|                                                                                           |   |
|-------------------------------------------------------------------------------------------|---|
| 1. No. of dwelling-houses in respect of which notices were served requiring repairs ..... | — |
| 2. No. of dwelling-houses which were rendered fit after service of formal notices:        |   |
| (a) by owners .....                                                                       | — |
| (b) by local authority in default of owners .....                                         | — |

#### (b) Proceedings under Public Health Acts:

|                                                                                                          |    |
|----------------------------------------------------------------------------------------------------------|----|
| 1. No. of dwelling-houses in respect of which notices were served requiring defects to be remedied ..... | 55 |
| 2. No. of dwelling-houses in which defects were remedied after service of formal notices:                |    |
| (a) by owners .....                                                                                      | 37 |
| (b) by local authority in default of owners .....                                                        | 1  |

#### (c) Proceedings under Sections 11 and 13 of the Housing Act 1936:

|                                                                                 |    |
|---------------------------------------------------------------------------------|----|
| 1. No. of dwelling-houses in respect of which Demolition Orders were made ..... | 15 |
| 2. No. of dwelling-houses demolished in pursuance of Demolition Orders.....     | 35 |
| 3. No. of dwelling-houses subject to undertakings or Closing Orders .....       | 6  |

(d) Proceedings under Section 12 of the Housing Act 1936:

- |                                                                                                                                                       |       |       |       |       |       |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|---|
| 1. No. of separate tenements or underground rooms in respect of which Closing Orders were made                                                        | ..... | ..... | ..... | ..... | ..... | — |
| 2. No. of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit | ..... | ..... | ..... | ..... | ..... | — |

(e) Proceedings under Sections 25 and 26 of the Housing Act 1936:

- |                                                           |       |       |       |       |       |   |
|-----------------------------------------------------------|-------|-------|-------|-------|-------|---|
| 1. No. of Clearance Orders made                           | ..... | ..... | ..... | ..... | ..... | — |
| 2. No. of dwelling-houses demolished in pursuance thereof | ..... | ..... | ..... | ..... | ..... | — |

Overcrowding—Housing Act 1936, Part IV:

- |                                                              |       |       |       |       |       |       |   |
|--------------------------------------------------------------|-------|-------|-------|-------|-------|-------|---|
| (a) 1. No. of cases of overcrowding relieved during the year | ..... | ..... | ..... | ..... | ..... | ..... | — |
| 2. No. of persons concerned in such cases                    | ..... | ..... | ..... | ..... | ..... | ..... | — |
| (b) 1. No. of dwellings overcrowded at the end of the year   | ..... | ..... | ..... | ..... | ..... | ..... | — |
| 2. No. of families dwelling therein                          | ..... | ..... | ..... | ..... | ..... | ..... | — |
| 3. No. of persons dwelling therein                           | ..... | ..... | ..... | ..... | ..... | ..... | — |

# IMPROVEMENTS.

| Defects                                         | Ashby | Brumby | Crosby | East | Wards<br>ham<br>Frod-<br>ing- | Park | Town | West | Total |
|-------------------------------------------------|-------|--------|--------|------|-------------------------------|------|------|------|-------|
| Ceilings repaired .....                         | 3     | —      | 1      | —    | 6                             | —    | 6    | —    | 16    |
| Walls repaired .....                            | 19    | —      | 6      | 5    | 13                            | —    | 17   | 1    | 61    |
| Floors, wood .....                              | 4     | —      | 3      | 1    | 2                             | —    | 4    | —    | 14    |
| Sashcords renewed .....                         | 4     | —      | 1      | —    | 2                             | —    | 6    | —    | 13    |
| Windows and frames re-<br>paired .....          | 4     | —      | 2      | 2    | 3                             | —    | 5    | —    | 16    |
| Doors and frames repd.....                      | 1     | —      | 1      | 1    | 1                             | —    | 2    | 1    | 7     |
| Lighting and ventilation<br>to Food Store ..... | —     | —      | —      | —    | 1                             | —    | —    | —    | 1     |
| Fireplaces repaired or<br>renewed .....         | 1     | —      | 4      | 1    | 2                             | —    | 3    | —    | 11    |
| Smoke nuisances .....                           | 4     | —      | 5      | 1    | 2                             | —    | 3    | —    | 15    |
| Eaves gutters repaired .....                    | 6     | —      | 6      | 11   | 2                             | —    | 22   | 3    | 50    |
| Rainwater fall-pipes repd.                      | 4     | —      | 3      | 2    | —                             | —    | 5    | —    | 14    |
| Roofs repaired .....                            | 14    | —      | 5      | 2    | 9                             | —    | 13   | 3    | 46    |
| Brickwork and pointing<br>renewed .....         | 1     | —      | 8      | 2    | 2                             | —    | 3    | —    | 16    |
| Chimney pots and stacks<br>repaired .....       | 1     | —      | 2      | 6    | 1                             | —    | 1    | 1    | 12    |
| Dampness remedied .....                         | 26    | —      | 24     | 25   | 14                            | —    | 44   | 7    | 140   |
| Dustbins renewed .....                          | 265   | 136    | 34     | 30   | 161                           | 122  | 45   | 38   | 831   |
| Drains cleansed .....                           | 72    | 69     | 50     | 81   | 80                            | 53   | 86   | 78   | 569   |
| Drains new .....                                | —     | —      | —      | —    | 6                             | —    | 2    | —    | 8     |
| Drains repaired .....                           | 4     | —      | 1      | 3    | 4                             | 2    | 7    | 1    | 22    |
| Inspection chambers repd.                       | —     | —      | 3      | 1    | —                             | —    | 2    | —    | 6     |
| W.C. pedestals renewed...                       | 1     | —      | 2      | 3    | —                             | —    | 3    | —    | 9     |
| W.C. seats renewed .....                        | 1     | —      | 1      | 1    | 2                             | —    | 5    | —    | 10    |
| W.C. cisterns renewed .....                     | 2     | 1      | 2      | 4    | 2                             | —    | 3    | —    | 14    |
| W.C.s cleansed .....                            | —     | —      | —      | 2    | —                             | —    | —    | —    | 2     |
| Washing coppers repaired<br>or renewed .....    | 2     | —      | —      | 3    | —                             | —    | 1    | —    | 6     |
| Water pipes repaired or<br>renewed .....        | 3     | —      | —      | 1    | 3                             | —    | 5    | —    | 12    |
| Yards relaid .....                              | —     | —      | 4      | 2    | 2                             | —    | 5    | 1    | 14    |
| Sink waste pipes repaired                       | —     | —      | 1      | —    | 1                             | 1    | 1    | —    | 4     |
| New sinks and drainage.....                     | 5     | —      | 10     | 5    | 1                             | —    | 21   | —    | 42    |
| Water supply in houses.....                     | 1     | —      | —      | —    | —                             | —    | 1    | —    | 2     |
| Accumulations .....                             | 3     | 1      | —      | —    | 4                             | 1    | —    | 1    | 10    |
| Animal nuisance .....                           | —     | —      | —      | —    | —                             | —    | 1    | —    | 1     |
| Insects .....                                   | 4     | 2      | —      | —    | —                             | —    | 1    | —    | 7     |
| Dirty houses cleansed .....                     | —     | —      | —      | 2    | —                             | —    | 1    | —    | 3     |
| Yards cleansed .....                            | —     | —      | —      | 3    | —                             | —    | 2    | —    | 5     |
| Miscellaneous nuisances ...                     | 1     | —      | 2      | —    | 2                             | 1    | 1    | —    | 7     |
|                                                 | 456   | 209    | 181    | 200  | 328                           | 180  | 327  | 135  | 2016  |

01 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



