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**Contributors**

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O F   T H E

M E D I C A L   O F F I C E R   O F   H E A L T H   A N D  
T H E   C H I E F   S A N I T A R Y   I N S P E C T O R.

Public Health Department,  
Wellington House,  
B L Y T H,  
Northumberland.





TO THE MAYOR, ALDERMEN AND COUNCILLORS  
OF THE BOROUGH OF BLYTH.

Your Worship and Gentlemen,

I have the honour to submit the Annual Report of the Health Department, for the year 1942.

The compilation of this Report has, in the main, been carried out by the staff of the Department, to whom all credit is due, my function has been merely to collate, correct, and comment, where necessary.

When compared with 1941, it will be seen from the Table of Public Health Staff etc. that the Department finally lost the services of the Temporary Assistant Medical Officer of Health. The absence of an Assistant Medical Officer of Health must, in future years, greatly reduce the amount of work that can be carried out in the spheres of routine medical inspection, in Maternity and Child Welfare Clinics, etc., and it must be emphasised that an Assistant should be engaged as soon as the present Emergency permits.

Owing to the increase of work on the Sanitary side of the Department, a Third Sanitary Inspector was engaged as from the 28th December, 1942, and was designated as Deputy Senior Sanitary Inspector. The contents of Section E. of this Report shew the increased work which has been carried out.

It is satisfying to report that, apart from a sharp outbreak of Measles of a mild type, no major epidemic was experienced during the year.

There was a satisfactory decrease in the incidence of Diphtheria which, correlated with the increased protection afforded by a greater number of immunised children in the Borough; the greater percentage of this protection exists among children of school age and too much stress cannot be placed on the desirability of mothers bringing their infants for protection as soon as the latter have reached the age of 12 months.

I am, Gentlemen,  
Your obedient Servant,

J. A. A. DUNCAN.

Medical Officer of Health.



MEMBERS OF THE HEALTH COMMITTEE:-

Chairman - Alderman R. Donnachie.

Vice-Chairman - Alderman J. Mitchell.

The Mayor, Councillor Curry,

Alderman Hyde, " Foy,

" Walker, " Hamm,

Councillor Allan, " Murdy,

" Baron, " Petch,

" Beamson, " Purves,

" Breadin, " Raffell,

" Carr, " Ridley,

" Crate, " Searle.

MEMBERS OF THE LTERNITY AND CHILD  
WELFARE COMMITTEE:-

Chairman - Mrs. Darling.

Vice-Chairman - Mrs. Colpitts.

Chairman, Vice-Chairman and Members of the Health Committee.

Co-opted Members:-

Mrs. Allison, Mrs. Gray,

" Carr, " Robinson,

" Clarke, " Sowdon,

" Dixon, " Watson.

STAFF OF THE PUBLIC HEALTH AND MATERNITY AND CHILD WELFARE  
DEPARTMENTS - 1942.

|   |   |   |
|---|---|---|
| Medical Officer of Health   | } | J. STOKOE, M.D., B.S., B.Hy.,<br>D.P.H.   |
| Medical Officer, M. & C.W. Authority  |   |   |
| School Medical Officer  |   |   |
| Port Medical Officer  |   |   |
| Assistant Medical Officer of Health<br>and Assistant School Medical Officer               | } | C. BAINBRIDGE, M.B., B.S., B.Hy.,<br>D.P.H. (with H.M. Forces).   |
| Temporary Assistant Medical Officer<br>of Health and Assistant School<br>Medical Officer. |   |   |
|   | } | A. DUNSMUIR, M.B., Ch.B.,<br>(Resigned 10th December, 1942).  |
|   |   |   |
| Ophthalmic Surgeon  |   | A. T. PATERSON, M.D., F.R.C.S.<br>(Edin.), D.P.H.   |
| Oto-Rhinologist   |   | J. A. STENHOUSE, M.D., Ch.B.<br>(With H.M. Forces).   |
| Women's Advisory Clinic   |   | MRS. D. SINTON, M.B., Ch.B.   |
| Obstetric Emergency Service   |   | (PROFESSOR E. F. MURRAY,<br>M.D., F.R.C.S., F.R.C.O.G.<br>H. H. EVERS,<br>M.B., M.S., F.R.C.S., F.R.C.O.G.<br>F. STABLER, M.D., F.R.C.S.,<br>M.R.C.O.G. (with H.M. Forces).<br>W. HUNTER, M.D., B.S., M.R.C.O.G.) |
| Dental Surgeon  |   | H. O. J. BEDGOOD, L.D.S.  |
| Chief Sanitary Inspector  |   | F. B. HARTLEY, M.S.I.A.   |
| Deputy Chief Sanitary Inspector   |   | J. G. SIMPSON, M.S.I.A. (Appointed<br>29th December, 1943).   |
| Sanitary Inspector  |   | F. J. DAVIES, M.S.I.A.  |
| Housing Inspector   |   | A. P. ROBINSON, A.R.I.P.H.H.<br>(With H.M. Forces).   |
| Health Visitors   |   | (MISS R. M. FINLAY, S.R.N., S.C.M.<br>" O. DIXON, S.R.N., S.C.M.<br>" D. ROBSON, S.R.N., S.C.M.)  |
| Chief Clerk   |   | MRS. M. A. METCALFE.  |
| Junior Clerk  |   | N. GODFREY (With H.M. Forces).  |
| Temporary Overcrowding Clerks   |   | (C. FELLOWS<br>T. MORALEE (with H.M. Forces).<br>T. WALTON)   |
| Temporary Shorthand-Typists   |   | (MISS B. REDEBURN.<br>" J. DOBSON.)   |



S E C T I O N     A.STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

AREA.- No change in the Borough Area took place in 1942 and the acreage remains as formerly at 6,487.

POPULATION.- The Estimated Population is slightly lower than that of 1941 and is governed by the various conditions incidental to the present Emergency; for Security reasons, precise figures are not given in this Report but have been noted for the compilation of more detailed Reports which will be called for at the end of the War.

NO. OF INHABITED HOUSES.- 9,300.

RATEABLE VALUE.- £165,481.

SUM REPRESENTED BY A PENNY RATE.- £628.

EXTRACTS FROM VITAL STATISTICS.- For the reason above quoted, figures of Births and Deaths are not given but have been retained for later publication. The Birth Rate per 1,000 population was 17.6%, the Death Rate was 11.84, thus giving an increment of 6.2% per 1,000 population. The Still Birth Rate was 27.03 per 1,000 Live Births which is a decrease of approximately 10 per 1,000 Live Births for the figure of 1941. The Infantile Mortality Rate of 52.3 per 1,000 Live Births is thus less by 36.9 per 1,000 Live Births than in 1941, but is still somewhat higher than the exceptionally low rate appertaining generally throughout Great Britain during the period under review.

Deaths from Puerperal Causes.-

|                       | <u>Deaths.</u> | <u>Rate per 1,000 Births.</u> |
|-----------------------|----------------|-------------------------------|
| Puerperal Sepsis      | 2              | 3.5                           |
| Other Maternal Causes | 2              | 3.5                           |

The rate of 7.0 per 1,000 total Births shows little alteration in recent years.

The principle causes of Infant Deaths were as follows:-

|                         |   |    |
|-------------------------|---|----|
| Respiratory             | - | 6. |
| Violence or Accident    | - | 1. |
| Infectious Diseases     | - | 1. |
| Congenital              | - | 4. |
| Debility                | - | 1. |
| Prematurity             | - | 3. |
| Pneumococcal Meningitis | - | 1. |
| Epilepsy                | - | 1. |
| Convulsions             | - | 2. |
| Birth Injury            | - | 2. |
| Tuberculosis(Other)     | - | 1. |

Deaths from Diarrhoea and Enteritis in infants under 2 years of age occasioned six deaths and represented a higher rate than in 1941. These deaths were sporadic, non-correlated, and not caused by any Epidemic.



The principle causes of Deaths (all ages), were as follows:-

|                                | Males. | Females. | Total. |
|--------------------------------|--------|----------|--------|
| Heart and Circulatory          | 56     | 54       | 110.   |
| Zymotic Diseases.-             |        |          |        |
| Diphtheria - 5)                |        |          |        |
| Pneumonia - 10)                |        |          |        |
| E.C.S.M. - 1)                  |        |          |        |
| Measles - 2)                   | 9      | 9        | 18.    |
| Cancer                         | 23     | 27       | 50.    |
| Violence.-                     |        |          |        |
| Suicide - 1)                   |        |          |        |
| Road Accidents - 5)            |        |          |        |
| Other Causes - 13)             | 13     | 6        | 19.    |
| Intra-Cranial Vascular Disease | 17     | 10       | 27.    |
| Tuberculosis.-                 |        |          |        |
| Respiratory - 25)              |        |          |        |
| Non-Respiratory - 6)           | 16     | 15       | 31.    |

Nearly one-half of all deaths were in persons 65 years of age or over.

Cancer Deaths, 1942. - Situation of Disease.

| Site.   | Age Group in Years. |          |          |          |          |         | Males | Females | Total   |
|---|---------------------|----------|----------|----------|----------|---------|-------|---------|---------|
|   | Under 36            | 36 to 45 | 46 to 55 | 56 to 65 | 66 to 75 | Over 75 |       |         |         |
| BUCCAL CAVITY (Mouth)                         | -                   | -        | -        | -        | -        | 1       | 1     | -       | 1       |
| CAVITY (Throat)                               | -                   | -        | -        | 1        | -        | -       | 1     | -       | 1 - 2.  |
| DIGESTIVE TRACT. (Oesophagus)                 | 1                   | -        | -        | -        | 1        | 1       | 2     | 1       | 3       |
| (Stomach)                                     | -                   | -        | -        | 1        | 1        | 3       | 2     | 3       | 5       |
| (Colon & Caecum)                              | -                   | 1        | -        | 2        | 5        | 3       | 2     | 9       | 11      |
| (Rectum)                                      | -                   | -        | -        | 1        | 2        | -       | 3     | -       | 3       |
| (Liver)                                       | -                   | -        | 1        | -        | 1        | 1       | 2     | 1       | 3       |
| (Gall Bladder)                                | -                   | -        | -        | -        | 1        | -       | -     | 1       | 1 - 26. |
| RESPIRATORY SYSTEM (Lung)                     | -                   | -        | 1        | 3        | 2        | -       | 4     | 2       | 6       |
| (Bronchi)                                     | -                   | -        | 1        | -        | -        | -       | -     | 1       | 1 - 7.  |
| GENITO-URINARY SYSTEM (Bladder)               | -                   | -        | -        | -        | -        | 1       | 1     | -       | 1       |
| (Uterus)                                      | -                   | -        | 1        | 2        | -        | -       | -     | 3       | 3 - 4.  |
| Breast  | -                   | -        | 2        | 1        | -        | 1       | -     | 4       | 4       |
| OTHER ORGANS (Pharynx)                        | -                   | -        | -        | -        | -        | 1       | 1     | -       | 1       |
| (Larynx)                                      | -                   | -        | -        | -        | 1        | -       | 1     | -       | 1       |
| (Kidney)                                      | -                   | -        | -        | -        | 1        | -       | -     | 1       | 1 - 7.  |
| OTHER MALIGNANT TUMOURS (Epithelioma of Face) | -                   | -        | -        | -        | 1        | 1       | 1     | 1       | 2       |
| ( " " Leg)                                    | -                   | -        | -        | -        | -        | 1       | 1     | -       | 1       |
| (Lymphosarcoma of Neck)                       | -                   | -        | -        | -        | -        | 1       | 1     | -       | 1 - 4.  |
| TOTAL   | 1                   | 1        | 6        | 11       | 15       | 16      | 23    | 27      | 50.     |



REPORT ON THE GENERAL PROVISION OF HEALTH SERVICES.BLYTH AND DISTRICT NURSING ASSOCIATION.

As in previous years, Matron Scott of the Blyth and District Nursing Association has provided the following Table which summarises the work done by herself and the Association for the residents in the Blyth Area:-

|                           | Blyth. | Newsham. | Bebside. |
|---------------------------|--------|----------|----------|
| Number of Nurses          | 5.     | 1.       | 1.       |
| Number of Maternity Cases | 187.3  | 43.      | 22.6     |
| " " Midwifery Cases       | 55.    | 5.       | 14.      |
| TOTAL                     | 242.   | 48.      | 36.      |
| Ante-Natal Visits         | 1,720. | 385.     | 216.     |
| Visits to Maternity Cases | 4,565. | 896.     | 610.     |
| " " Surgical Cases        | 2,487. | 925.     | 484.     |
| " " Medical Cases         | 1,537. | 1,106.   | 214.     |
| " " Chronic Cases         | 1,602. | 163.     | 173.     |

The above Table, when compared with that of 1941, shows that an equal amount of good work has been carried out, although the incidence of that work has increased in the Newsham area at the expense of the central Blyth area.

TREATMENT OF INFANTS AND PRE-SCHOOL CHILDREN.

(Figures applicable to School Children appear in the Annual Report of the School Medical Officer).

Minor Ailments Clinic.

|                        | No. of Cases. | Total Attendances. |
|------------------------|---------------|--------------------|
| Diseases of the Skin.- |               |                    |
| Impetigo               | 59            | 316.               |
| Scabies                | 9             | 83.                |
| Others                 | 17            | 125.               |
| Minor Eye Defects.-    |               |                    |
| Blepharitis            | 4             | 28.                |
| Conjunctivitis         | 7             | 41.                |
| Others                 | 7             | 11.                |
| Minor Ear Defects.-    |               |                    |
| Otorrhoea              | 9             | 188.               |
| Others                 | 2             | 12.                |
| Miscellaneous.-        |               |                    |
| Minor Injuries etc.    | 18            | 67.                |
| Vermineous Heads       | 3             | 7.                 |
| TOTAL.                 | 128           | 858.               |

Although the number of new cases is satisfactorily lower than that of 1941, the patients attended much more regularly and show an increase over the figures for the former period.



Sun-Ray Clinic.

|                 | Under 1 Year. |   | Between 1 and 5 years. |    |
|-----------------|---------------|---|------------------------|----|
|                 | B             | G | B                      | G  |
| No. of children | -             | 2 | 14                     | 20 |
| Attendances     | 34            |   | 602                    |    |

During the year, 101 Sessions were held, with a total of 636 attendances. 36 children were treated for the following complaints:-

|              |   |    |
|--------------|---|----|
| Tonic Course | - | 5. |
| Rickets      | - | 8. |
| Bronchitis   | - | 7. |
| Debility     | - | 9. |
| Glands       | - | 1. |
| Malnutrition | - | 2. |
| Gena. Valgum | - | 2. |
| Coryza       | - | 1. |
| Heart        | - | 1. |

Dental Clinic.

|                        | Fillings. | Extractions | No. of Cases |
|------------------------|-----------|-------------|--------------|
| Children under 5 years | -         | 130         | 48.          |

Ophthalmic Clinic.-

|                                   |   |     |
|-----------------------------------|---|-----|
| Number of new patients            | - | 37. |
| " " old patients                  | - | 18. |
| Spectacles prescribed             | - | 39. |
| " obtained                        | - | 33. |
| " not prescribed                  | - | 13. |
| Referred to Minor Ailments Clinic | - | 3.  |

Throat, Nose and Ear Clinic.-

|  |   |     |
|--|---|-----|
| Number of examinations and re-examinations     | - | 43. |
| Operations for removal of Tonsils and Adenoids | - | 4.  |
| Operation for Adenoids only                    | - | 1.  |

Orthopaedic Defects.-

No case of major Orthopaedic defects in children of this age was reported during 1942.

Scabies Clinic.-

|                  |   |      |
|------------------|---|------|
| Number of Baths  | - | 430. |
| " " Dressings    | - | 232. |
| " " New Patients | - | 69.  |
| " " Old Patients | - | 8.   |
| " " Recurrences  | - | 4.   |
| " " Examinations | - | 185. |

There was an increase in the number of new patients suffering from Scabies in 1942, and it is satisfactory to record the greater willingness on the part of the children's parents



Arrangements continue as in previous years.

(A) Pathological -

- |                                     |        |        |
|-------------------------------------|--------|--------|
| (1) Throat, Nose and Ear Swabs:     |        |        |
| Corynebacterium Diphtheriae present | - 109. |        |
| " " " not found                     | - 790. | - 899. |
| Virulent C. Diphtheriae present     | - 48.  |        |
| " " " not found                     | - 11.  | - 59.  |
| <br>(2) Sputum:                     |        |        |
| B. Tuberculosis present             | - 28.  |        |
| " " " not found                     | - 163. | - 191. |
| <br>(3) Faeces:                     | - 12.  |        |
| <br>(4) Blood Urea:                 | - 10.  |        |
| <br>(5) Urine:                      | - 2.   |        |
| <br>(6) Pleural Fluid:              | - 4.   |        |
| <br>(7) Blood:                      | - 4.   | - 32.  |

|                                     |   |      |
|-------------------------------------|---|------|
| (1) Water Samples (various sources) | - | 53.  |
| (2) Milk Samples.-                  |   |      |
| (a) For B. Tuberculosis             | - | 101. |
| (b) Methylene Blue & B. Coli Test   | - | 144. |
| (c) Pasteurised Milk                | - | 19.  |
|                                     | - | 254. |

In addition to the above, the Laboratory furnished reports in connection with two Food Poisoning Outbreaks in 1942:-

|                 |   |          |
|-----------------|---|----------|
| Faeces          | - | 10.      |
| Ham             | - | 1.       |
| Tin Container   | - | 1.       |
| Body of a Mouse | - | 3.       |
| Cat             | - | 1. - 16. |

Chemical (Public Analysts' Laboratory, Newcastle).

Water Samples - 8.

Home Visiting by Health Visitors.

Visits to Infants under 1 year.-

|                                 |   |              |
|---------------------------------|---|--------------|
| First Visits after notification | - | 459.         |
| Number of re-visits             | - | 1,040.       |
| " " Stillbirths visited         | - | 15. - 1,514. |



Visits to children 1-5 years - 2,140.  
 Visits to Expectant Mothers.-  
     First Visits - 42.  
     Re-Visits - 8. - 50.

## Miscellaneous Visits.

|                       | First Visits. | Re-visits. | Total. |
|-----------------------|---------------|------------|--------|
| Puerperal Disease     | 4             | 1          | 5.     |
| Ophthalmia Neonatorum | 5             | 9          | 14.    |
| TOTALS.               | 9             | 10         | 19.    |

## Infant Welfare Clinic.-

Table A.

| No. of Sessions. | First Attendances 0-1 yr. | Re-attendances 0-1 yr. | First Attendances 1-5 yr. | Re-attendances 1-5 yr. |
|------------------|---------------------------|------------------------|---------------------------|------------------------|
| 104.             | 409.                      | 3,459.                 | 340.                      | 364.                   |

Table B.

| Total No. of Attendances. | Average No. of Attendances. | Average No. at M.O's Sessions. |
|---------------------------|-----------------------------|--------------------------------|
| 3,618.                    | 34.82.                      | 5.56                           |

Total number of children under 5 years of age who attended the Clinic = 425.

The total quantity of milk supplied by the Council at the Clinic to expectant and nursing mothers and young children, was 5,190 lbs. of Dried Milk.

The following conditions were noted among infants under 1 year of age:-

## Congenital Malformations.-

Phimosis - 15.  
 Umbilical Hernia - 13.  
 Cleft Palate - 2.

## Diseases of the Digestive System.-

Feeding Dyspepsia - 20.  
 Vomiting and Diarrhoea - 16.  
 Stomatitis - 7.  
 Constipation - 15.

## Diseases of the Respiratory System.-

Coryza - 19.  
 Bronchitis and Bronchial Catarrh - 24.

## Diseases of the Skin.-

Infantile Eczema - 7.  
 Scabies - 11.  
 Seborrhoeic Dermatitis - 2.  
 Impetigo - 3.

## Minor Injuries

- 2.

## Diseases of the Eye:-

Conjunctivitis - 7.  
 Blepharitis - 4.  
 Ophthalmia Neonatorum - 2.



## Diseases of the Throat, Nose and Ear.-

|                  |      |
|------------------|------|
| Otorrhoea        | - 6. |
| Cervical Glands  | - 3. |
| Other Diseases.- |      |
| Rickets          | - 1. |
| Marasmus         | - 1. |

Toddlers Clinic.-

Special Sessions were held on Wednesday afternoons, when necessary, for children between the ages of 2 and 5 years:-

| No. of Sessions. | Average Attendances. | Examinations by M.O. | Total Attendances. |
|------------------|----------------------|----------------------|--------------------|
| 39               | 11.7                 | 326                  | 326                |

At these Sessions, the following conditions were found:-

## Congenital Malformations.-

|                |       |
|----------------|-------|
| Heart Diseases | - 12. |
| Phimosis       | - 1.  |

## Diseases of the Respiratory Tract.-

|                                  |      |
|----------------------------------|------|
| Bronchitis and Bronchial Catarrh | - 9. |
|----------------------------------|------|

## Dental Defects

|  |       |
|--|-------|
|  | - 19. |
|--|-------|

## Diseases of the Skin.-

|          |       |
|----------|-------|
| Scabies  | - 14. |
| Impetigo | - 4.  |

## Diseases of the Eye.-

|                |      |
|----------------|------|
| Squint         | - 3. |
| Conjunctivitis | - 1. |
| Blepharitis    | - 1. |

## Diseases of the Throat, Nose and Ear.-

|                               |       |
|-------------------------------|-------|
| Enlarged Tonsils and Adenoids | - 25. |
| Enlarged Cervical Glands      | - 2.  |
| Otorrhoea                     | - 2.  |

## Other Diseases.-

|                 |       |
|-----------------|-------|
| Rickets         | - 18. |
| Inguinal Hernia | - 4.  |
| Pes Planus      | - 5.  |
| Thread Worms    | - 2.  |

The attendances at the Infant Welfare and Toddlers Clinics have been well sustained and it is gratifying to record that in the third year of War, the standard of health amongst the children attending was remarkably good and, as the above Tables demonstrates, the physical condition of the children was maintained at a satisfactory level; Respiratory Diseases were practically constant and there was but a slight increase in affectations of the Digestive System.

Fruit Juices Scheme.

The above Scheme was still in operation during 1942, at the following Centres:-

Municipal Clinic, Beulah House.  
 Bebside Senior School.  
 Newsham Junior School.  
 Seaton Sluice (Sessions held fortnightly).



Attendances reached the following figures for 1942:-

| Municipal Clinic. | Bebside. | Newsham. | Seaton Sluice. |
|-------------------|----------|----------|----------------|
| 5,502.            | 600.     | 1,109.   | 105.           |

The above figures in all columns represent a gratifying increase over those of the previous period and demonstrates the greater appreciation on the part of the mothers of the value to be obtained from these accessory food factors.

#### Child Life Protection.

Under Section 206 - 220, Public Health Act, 1936, two persons were receiving children for reward at the end of the year. The Health Visitors reported that both children were well cared for in satisfactory homes.

#### Infectious Diseases in Children under 5 years of age.-

|                                |             |
|--------------------------------|-------------|
| Whooping Cough                 | - 59.       |
| Measles                        | - 522.      |
| Diphtheria                     | - 27.       |
| Pneumonia                      | - 8.        |
| Scarlet Fever                  | - 13.       |
| Ophthalmia Neonatorum          | - 5.        |
| Epidemic Cerebro Spinal Fever  | - 2.        |
| Tuberculosis (Non-Respiratory) | - 4.        |
|                                | <u>640.</u> |

During the year, the Borough experienced a sharp epidemic of Measles from which there were 2 deaths. It is satisfactory to record a decrease of 33 in the number of cases of Diphtheria during 1942. Scarlet Fever showed a small and negligible increase, as did also the cases of Non-Respiratory Tuberculosis.

Health Visitors paid visits to 612 of these cases. All Ophthalmia patients recovered without impairment of vision.

#### MATERNITY SERVICES.

Patients admitted to the County Council's Maternity Home at Dilston Hall, Corbridge, are granted treatment free of charge or are assisted in the payment of their fees, according to a scale of charges based upon net income. A number of beds in semi-private wards are available for those able to afford the three guineas per week.

Number of patients who completed treatment in 1942:-

| Free. | Assisted. | Paid own Fees. | TOTAL. |
|-------|-----------|----------------|--------|
| 81.   | 66.       | 31.            | 178.   |



Princess Mary Maternity Hospital, Newcastle, to which the Authority subscribed 60 guineas in 1942, treated a further 33 patients.

These figures are, in all cases, an increase over those of the previous year.

Borough Ambulances conveyed patients, free of charge, to Dilston Hall.

#### Obstetric Emergency Service.

During 1942, this Service was brought into use on 4 occasions.

#### Maternity Outfits.

Bags were loaned out three times during the year.

#### Dental Treatment.

| No. of Mothers. | Extractions. | Local Anaesthetics. | Dentures Supplied. |
|-----------------|--------------|---------------------|--------------------|
| 28.             | 161.         | Nil.                | 3.                 |

The numbers of mothers treated, and extractions carried out, represented an appreciable increase over those in 1941.

#### Ante-Natal Clinic.

Sessions of the above Clinic were held on Monday and Thursday afternoons at the Municipal Clinic.

|                                |   |        |
|--------------------------------|---|--------|
| Number of Sessions during 1942 | - | 93.    |
| " " Attendances                | - | 1,465. |

The comparative figures for 1941 were - 31 Sessions and 575 Attendances. It will be seen that expectant mothers in Blyth are appreciating, to an increasing extent, the value of this Service and are availing themselves of it.

#### Maternal Deaths.

##### Causes.-

|                        |   |    |
|------------------------|---|----|
| Puerperal Sepsis       | - | 2. |
| Caesarian Hysterectomy | - | 1. |
| Septic Abortion        | - | 1. |

#### Women's Advisory Clinic.

The following is an extract from a report for which I am indebted to Doctor Dorothea Sinton:-

|  |   |     |
|--|---|-----|
| Total Sessions                               | - | 12. |
| Total Attendances                            | - | 83. |
| Number of New Patients.-                     |   |     |
| Patients attending for Post-Natal treatment- |   | 5.  |
| " " " Contraceptive advice-                  |   | 8.  |
| Return Visits                                | - | 70. |



An attempt was made to conduct the work of the Department in a progressive spirit in spite of restrictions and handicaps due to circumstances brought about by hostilities.

This Section is almost, in the main, the work of the Chief Sanitary Inspector and his staff and reflects the increasing attention to Sanitation which is the basis of all Public Health.

It is gratifying to record the amount of work that has been carried out by Owners on Informal Notices, as this reflects the amicable working agreement between the Public Health Staff and the Populace generally; by contrast, it will be noted that of 201 Statutory Notices served under the various Sections of the Public Health Act, 164 defects were complied with, including 10 done by the Corporation, while 37 were "in suspense" at the closure of the period under review; on no occasion was recourse to the Court required.

The Borough of Blyth does not, at present, possess any efficient means of disinfection of personal or other effects. This is a serious shortage and will become all the more apparent in the post-war years when it will be necessary to adopt a more critical attitude to difficulties than is possible during the present Emergency.

The Borough of Blyth, when taking in conjunction with the fact that it is also a Port Health Authority, should possess an adequate Disinfector with its correct housing. This Disinfector should be of the high pressure steam type, permitting of rapid disinfection and drying of the clothes disinfected.

The apparent paucity of action taken under the Housing Act, 1936, is extended by agreement with the wish of the Ministry whereby in the present Emergency, action is taken under the appropriate sections of the Public Health Act rather than under the Housing Act; this picture, of course, will change at the cessation of this War.

Strict watch is being kept upon the conditions of Overcrowding which is a fluctuating matter affected by many factors, not the least of which is the gradual recruitment to the Forces either of the male or female sex, which, in many cases, results in a house previously Overcrowded becoming now officially normal in capacity, when calculated on the unit system.

The Council is aware that, for the purposes of Coal Industry, temporary permission is being given for the re-occupation of previously condemned houses, when the latter have been reconditioned to the minimum standard. It cannot be over emphasised that these temporary Permits should be strictly regarded as such, and that no excuse for the continued occupation of these houses should be accepted when once the present Emergency is past, as in all cases the houses are not fit for human habitation and the continued occupation of them is a retrograde step.

There has been a steady increase in the amount of supervision exercised over the Milk Supply in Blyth whether that Milk is produced either inside or outside the area. It is



satisfying to be able to report that the Milk produced inside the area of the Borough compares very favourably in cleanliness and keeping qualities with those supplies produced outside the area, but sent inside Blyth for consumption, and in an attempt to eradicate any possible contributory factors affecting the latter source of supply, the Public Health Department is in close liaison with the Public Health Departments in those areas in which Milk is produced.

From the tabulated lists of Animals slaughtered, it will be seen that the Abattoir at Blyth is of considerable importance, and it cannot be too strongly stressed that the present structure can in no way be regarded as satisfactory and that considerable improvements, both in the lay-out and in the design, of the present structure and in the erection of new buildings, will be necessary when materials are more easily available, and this should be borne in mind for carrying out as soon as conditions permit.

#### SANITARY CIRCUMSTANCES OF THE AREA.

##### Water Supply:

Chemical and Bacteriological samples of the main sources of water supply are taken as a routine measure. The reports indicate that a satisfactory standard of purity was maintained during the year. The following shows, in tabular form, the results of examinations of samples.

| Place & Conditions of Sampling.                        | Date Collected.   | Analysis.        | Result.       |
|--|---|------------------|---------------|
| Hepscott, after filtration<br>(not chlorinated)        | 6. 1.42.)<br>10. 2.42.)<br>2. 3.42.)<br>7. 4.42.)<br>13. 5.42.)<br>5. 6.42.)<br>8. 7.42.) | Bacteriological. | Satisfactory  |
| " before filtration<br>(not chlorinated)               | 7. 8.42.  | "                | Suspicious    |
| " after filtration<br>(not chlorinated)                | 7. 8.42.  | "                | Satisfactory  |
| " before filtration<br>(not chlorinated)               | 7. 8.42.  | Chemical         | "             |
| " after filtration<br>(not chlorinated)                | 7.10.42.  | Bacteriological  | "             |
| " -do-   | 2.11.42.  | "                | "             |
| " -do-   | 7.12.42.  | "                | "             |
| Mixed Newcastle & Hepscott<br>(Filtered & Chlorinated) | 6. 1.42.  | Chemical         | Satisfactory. |
| -do-   | 6. 1.42.  | Bacteriological  | "             |
| -do-   | 2. 2.42.  | "                | Not Satis.    |
| After cleaning of Reservoir                            | 10. 2.42.   | "                | Satisfactory. |
| Mixed Newcastle & Hepscott<br>(Filtered & Chlorinated) | 2. 3.42.  | "                | "             |
| -do-   | 7. 4.42.  | "                | "             |
| -do-   | 13. 5.42.   | "                | "             |
| -do-   | 5. 6.42.  | "                | "             |
| -do-   | 8. 7.42.  | "                | "             |



Table Contd.

| Place & Conditions of Sampling.                        | Date Collected. | Analysis.       | Result.      |
|--|-----------------|-----------------|--------------|
| Mixed Newcastle & Hepscoth<br>(Filtered & Chlorinated) | 7. 8.42.        | Bacteriological | Satisfactory |
| -do-   | 7. 8.42.        | Chemical        | "            |
| -do-   | 7.10.42.        | Bacteriological | "            |
| -do-   | 4.11.42.        | "               | "            |
| Tynemouth(Rising Main, Seaton<br>Sluice)(Chlorinated)  | 6. 1.42.        | Bacteriological | Suspicious   |
| -do-   | 6. 1.42.        | Chemical        | Satisfactory |
| -do-   | 2. 2.42.        | Bacteriological | "            |
| -do-   | 2. 3.42.        | "               | "            |
| -do-   | 7. 4.42.        | "               | "            |
| -do-   | 13. 5.42.       | "               | "            |
| -do-   | 5. 6.42.        | "               | "            |
| -do-   | 8. 7.42.        | "               | "            |
| -do-   | 7. 8.42.        | "               | "            |
| -do-   | 7. 8.42.        | "               | "            |
| -do-   | 20.10.42.       | "               | "            |
| -do-   | 26.10.42.       | "               | "            |
| -do-   | 2.11.42.        | "               | "            |
| -do-   | 7.12.42.        | "               | "            |
| Newcastle(Rising Main, Bebside)<br>(Chlorinated)       | 6. 1.42.        | Bacteriological | Satisfactory |
| -do-   | 7. 4.42.        | "               | "            |
| -do-   | 7. 8.42.        | "               | "            |
| -do-   | 7.10.42.        | "               | "            |
| -do-   | 2.11.42.        | Chemical        | "            |
| -do-   | 2.11.42.        | Bacteriological | "            |
| -do-   | 7.12.42.        | "               | "            |

Other special samples of water were obtained during the year from the various places indicated in the following Table, with a view that, should the ordinary supplies fail at any time, auxilliary supplies of water would be available therefrom, but it will be observed that none of these supplies were satisfactory:-

| Place & Conditions of Sampling.   | Date Collected. | Analysis.       | Result.    |
|---|-----------------|-----------------|------------|
| South Newsham Reservoir<br>(not chlorinated)                            | 19. 3.42.       | Bacteriological | Not Satis. |
| -do-  | 19. 3.42.       | Chemical        | " "        |
| -do-  | 30. 3.42.       | Bacteriological | " "        |
| L.N.E.R. Reservoir, East Side<br>of Railway.                            | 19. 3.42.       | "               | " "        |
| -do-  | 19. 3.42.       | "               | " "        |
| Surface Reservoir, Bebside Colly.<br>Rear of Mansell Tce.               | 19. 3.42.       | "               | " "        |
| Bebside Colly.(underground<br>supply) disused seam, 29<br>fathoms deep. | 23. 3.42.       | "               | Satis.     |
| -do-  | 23. 3.42.       | Chemical        | Not Satis. |
| Bebside Colly.Surface Reservoir   | 30. 3.42.       | Bacteriological | " "        |

#### SANITARY INSPECTION OF THE AREA.

##### (1) INSPECTIONS.-

The Report includes the number and nature of inspections made of nuisances, housing defects, and contraventions of Bye-Laws etc. during the year, together with the number of notices served.



13.

The method adopted for the remedy of defects is of an informal character and includes letters, verbal intimations, and interviews. Statutory Notices are served where owners fail to comply with the Informal Notices. Statutory action follows the continued non-compliance.

Complaints received:

|                                       |       |      |
|---------------------------------------|-------|------|
| Verminous and dirty premises          | -     | 78.  |
| Water supply(defective fittings etc.) | -     | 204. |
| Choked Drains, Manholes and Gullies   | -     | 131. |
| Defective Drains                      | -     | 1.   |
| " W.C.'s, Privies etc.                | -     | 42.  |
| " Dust Bins                           | -     | 105. |
| General Housing Defects               | -     | 140. |
| Overcrowding                          | -     | 7.   |
| Rats                                  | -     | 22.  |
| Offensive Smells                      | -     | 12.  |
| Requests to remove refuse             | -     | 3.   |
| Miscellaneous nuisances and requests  | -     | 35.  |
|                                       | TOTAL | 780. |

Total Number of Inspections made during the year,1942.

1. Public Health Act, 1936.

|   |              |        |
|---|--------------|--------|
| Number of houses inspected                              | -            | 1,339. |
| " " re-visits   | -            | 1,044. |
| " " visits to dangerous buildings                       | -            | 3.     |
| " " " " places of public entertainment                  | -            | 15.    |
| " " " " restaurants                                     | -            | 8.     |
| " " " " public conveniences                             | -            | 57.    |
| " " " " piggeries                                       | -            | 16.    |
| " " " " offensive trade premises                        | -            | 28.    |
| " " " " common lodging houses                           | -            | 39.    |
| " " " " stables   | -            | 18.    |
| " " " " Canteen and Feeding Centres                     | -            | 12.    |
| " " " " Public Houses and Hotels                        | -            | 62.    |
| " " " " Schools   | -            | 6.     |
| " " " " Waterworks                                      | -            | 12.    |
| Infectious Diseases investigated                        | -            | 862.   |
| Other visits made in connection with Infectious Disease | -            | 115.   |
| Drains tested   | -            | 16.    |
|   | TOTAL VISITS | 3,652. |

2. Food and Drugs Act, 1938.

|  |              |        |
|--|--------------|--------|
| Number of visits to Slaughterhouses                | -            | 1,815. |
| " " " " Shops                                      | -            | 127.   |
| " " " " Ice-cream manufacturers                    | -            | 16.    |
| " " " " Fishmongers Shops                          | -            | 3.     |
| " " " " Premises where food is prepared for sale   | -            | 134.   |
| " " " " in connection with Food Poisoning Outbreak | -            | 10.    |
|  | TOTAL VISITS | 2,105. |



3. Milk and Dairies Order, 1926.

|                                 |   |            |
|---------------------------------|---|------------|
| Number of visits to cowsheds    | - | 80.        |
| " " " " dairies and milkshops   | - | 131.       |
| " " " re-taking of milk samples | - | 45.        |
| " " farms inspected             | - | 24.        |
| " " milk floats inspected       | - | <u>50.</u> |
| TOTAL VISITS                    | - | 330.       |

4. Milk(Special Designations) Order, 1936.

|                                      |   |     |
|--------------------------------------|---|-----|
| Visits to premises pastuerising milk | - | 70. |
|--------------------------------------|---|-----|

5. Public Health(Meat) Regulations, 1924-35.

|                   |   |            |
|-------------------|---|------------|
| Visits to market  | - | 34.        |
| " " butchers vans | - | 104.       |
| Other visits      | - | <u>24.</u> |
| TOTAL VISITS      | - | 162.       |

6. Rats and Mice Destruction Act, 1919.

|                                 |   |     |
|---------------------------------|---|-----|
| Visits to rat infested premises | - | 41. |
|---------------------------------|---|-----|

7. Housing Act, 1936.

|                         |   |               |
|-------------------------|---|---------------|
| Number of inspections   | - | 7.            |
| " " re-visits           | - | 50.           |
| " " overcrowding visits | - | <u>8,306.</u> |
| TOTAL VISITS            | - | 8,363.        |

8. Factories Act, 1937.

|   |   |           |
|---|---|-----------|
| Number of visits to factories and workshops | - | 206.      |
| " " " " bakehouses                          | - | 46.       |
| " " " " offices                             | - | 9.        |
| " " " " warehouses                          | - | <u>3.</u> |
| TOTAL VISITS                                | - | 264.      |

9. Shops Act, 1934-36 - Section 10.

|   |   |             |
|---|---|-------------|
| Number of visits to Greengrocers and Fruiterers shops | - | 21.         |
| " " " " Grocers                                       | - | 235.        |
| " " " " Other shops                                   | - | <u>237.</u> |
| TOTAL VISITS  | - | 493.        |

10. Miscellaneous.

|                       |   |      |
|-----------------------|---|------|
| Visits and interviews | - | 286. |
|-----------------------|---|------|

GRAND TOTAL OF VISITS AND INSPECTIONS - 16,546.



15.

## (2) NOTICES.

The number of informal notices served during the year was 562.

Work done by informal action was as follows:-

|   |   |      |
|---|---|------|
| W.C. Pedestals repaired or renewed                  | - | 16.  |
| W.C.'s provided                                     | - | 1.   |
| W.C. flushing apparatus repaired                    | - | 10.  |
| W.C. general repairs executed                       | - | 65.  |
| Floors relaid in Cinema Conveniences                | - | 2.   |
| Waste-pipes repaired, trapped, or provided          | - | 29.  |
| Drains cleared (a) By owners                        | - | 51.  |
| (b) By Corporation                                  | - | 103. |
| Dustbins provided                                   | - | 127. |
| Water supply pipes and fittings repaired or renewed | - | 100. |
| Eavesgutters and spouts repaired or renewed         | - | 48.  |
| Roofs repaired                                      | - | 54.  |
| General repairs to houses                           | - | 40.  |
| Wallplaster and ceilings repaired                   | - | 16.  |
| Outbuildings repaired                               | - | 11.  |
| Drains amended                                      | - | 8.   |
| Floors repaired                                     | - | 23.  |
| Cooking Ranges repaired                             | - | 13.  |
| Washing Coppers repaired or renewed                 | - | 9.   |
| Yard surfaces relaid                                | - | 3.   |
| Air bricks provided                                 | - | 3.   |
| Cellar pumps repaired                               | - | 2.   |
| Window cords provided                               | - | 27.  |
| Urinals cleansed                                    | - | 1.   |
| Yards and cellars cleansed                          | - | 10.  |
| Soilpipes repaired or renewed                       | - | 2.   |
| Dampness excluded                                   | - | 24.  |
| Rubbish removed                                     | - | 4.   |
| Houses cleansed                                     | - | 9.   |
| Wash-up sinks provided                              | - | 3.   |

### Food and Drugs Act.

|  |   |    |
|--|---|----|
| Bakehouses - Walls, floors and ceilings cleansed | - | 3. |
| " Ceiling plaster repaired                       | - | 2. |
| Other premises                                   | - | 4. |

### Factories Act.

|                               |   |    |
|-------------------------------|---|----|
| Workshop firegrates repaired  | - | 1. |
| W.C. Pedestal Basins cleansed | - | 1. |
| Premises limewashed           | - | 2. |

The following Statutory Notices were served where Informal Action was not complied with:-

### Public Health Act, 1936.

|   |   |     |
|---|---|-----|
| 1. Under Section 39 - Notice by Local Authority requiring execution of works of drainage etc. in existing buildings | - | 84. |
| 2. Under Section 45 - Notice by Local Authority to put defective Closets into repair                                | - | 36. |



56

|   |   |     |
|---|---|-----|
| 3. Under Section - Notice by Local Authority requiring the clearing and draining of a Yard etc. | - | 13. |
| 4. Under Section 75 - Notice requiring provision of Dustbins                                    | - | 32. |
| 5. Under Section 93 - Abatement Notice in respect of Nuisance                                   | - | 32. |
| 6. Under Section 138 - Notice to Owner to provide Water Supply                                  | - | 1.  |

Food and Drugs Act, 1938.

|  |   |    |
|--|---|----|
| 1. Under Section 13 - Protection against contamination of Food | - | 1. |
|--|---|----|

Shops Act, 1934.

|   |   |              |
|---|---|--------------|
| 1. Under Section 10 - Notice of contravention of statutory requirements in respect of convenience | - | 2.           |
| TOTAL   | - | <u>*201.</u> |

\*Of this total, 164 of these Notices were complied with, including 10 done by Corporation in default. The remaining 37 Notices were either in abeyance, or work in progress, at the 31st December, 1942.

Work done by Statutory Action:- (By Owners).

Public Health Act, 1936.

|   |   |     |
|---|---|-----|
| Section 39 - Eavesgutters or rainwater spouts repaired or renewed | - | 36. |
| Sink Waste Pipes repaired   | - | 7.  |
| Drains cleansed   | - | 8.  |
| " repaired  | - | 9.  |
| Lavatory basins renewed   | - | 1.  |
| Soilpipes repaired  | - | 2.  |
| "P" trap renewed  | - | 1.  |
| Wash-up sink renewed  | - | 1.  |
| Waste-pipe to bar drainer installed                               | - | 1.  |

(By Corporation - in default)

|  |   |    |
|--|---|----|
| Eavesgutters or rainwater spouts repaired or renewed | - | 5. |
| Sink-Waste Pipes repaired                            | - | 1. |
| Drains cleansed                                      | - | 1. |
| Soilpipes repaired                                   | - | 1. |

|   |   |     |
|---|---|-----|
| Section 45 - (By Owners)                    |   |     |
| W.C. Roofs repaired                         | - | 4.  |
| W.C. Flushing Apparatus repaired or renewed | - | 26. |
| W.C. Pedestal repaired or renewed           | - | 7.  |
| W.C. Door frames repaired                   | - | 2.  |
| Privy seats repaired                        | - | 1.  |
| Sanitary accommodation provided             | - | 1.  |



17.

|                          |                                |     |
|--------------------------|--------------------------------|-----|
| Section 45(Contd.) -     | (By Corporation - in default). |     |
| W.C. Roofs repaired      | -                              | 2.  |
| Section 75 -             | (By Owners)                    |     |
| Bins provided            | -                              | 36. |
|                          | (By Corporation - in default). |     |
| Bins provided            | -                              | 3.  |
| Section 93 -             | (By Owners)                    |     |
| Roofs repaired           | -                              | 27. |
| Dirty house cleansed     | -                              | 1.  |
| Bay Windows repaired     | -                              | 2.  |
| Ceiling Plaster repaired | -                              | 1.  |
| Section 138 -            | (By Owners)                    |     |
| Water-pipes repaired     | -                              | 1.  |

Shops Act, 1934.

|   |   |    |
|---|---|----|
| Section 10 - W.C. Doors repaired or renewed | - | 2. |
| W.C. Seats repaired or provided             | - | 4. |
| W.C. Cisterns renewed                       | - | 1. |
| W.C. Cone Joints repaired                   | - | 2. |
| W.C. Ball Valve repaired                    | - | 1. |
| Verandah door repaired                      | - | 1. |

Food and Drugs Act, 1938.

|  |   |    |
|--|---|----|
| Section 13 - Boiler-house floor repaired | - | 1. |
| Walls, floor and ceilings cleansed       | - | 1. |
| Ceiling plaster repaired                 | - | 1. |

(3) FACTORIES ACT, 1937.

The following Tables, in the form required by the Home Office, show the inspections made of factories with mechanical power, factories without mechanical power and other premises, together with the defects found and remedied during the year:-

Inspections for the Purposes of Provisions  
as to Health.

| P r e m i s e s<br>(1)  | Number of -             |                           |                                |
|---|-------------------------|---------------------------|--------------------------------|
|   | Inspect-<br>ions<br>(2) | Written<br>Notices<br>(3) | Occupiers<br>Prosecuted<br>(4) |
| Factories with mechanical power   | 85                      | 14                        | Nil.                           |
| " without " "   | 44                      | 9                         | Nil.                           |
| Other Premises under the Act,<br>including works buildings and<br>engineering construction, but<br>not including outworkers' premises | -                       | -                         | -                              |
|   | 129                     | 23                        | Nil.                           |



Number of Main Factories other than Coal Mines,  
Railways and Coal Staithes in the Borough.

| Factories on Register.                 | With<br>Mechanical<br>Power | Without<br>Mechanical<br>Power | TOTAL.      |
|--|-----------------------------|--------------------------------|-------------|
| Acetylene Welding                      | 1                           | -                              | 1           |
| Boot and Shoe Repairers                | 15                          | -                              | 15          |
| Bottling Stores                        | -                           | -                              | -           |
| Bakehouses                             | 15                          | 4                              | 19          |
| Blacksmiths and Tinsmiths              | 5                           | 1                              | 6           |
| Cabinet Making                         | 2                           | 2                              | 4           |
| Corn Grinding                          | 1                           | -                              | 1           |
| Creamery                               | 1                           | -                              | 1           |
| Coppersmiths & Brassfinishers          | 2                           | -                              | 2           |
| Engineers                              | 8                           | -                              | 8           |
| Electrical Business                    | 4                           | 4                              | 8           |
| Gas Works                              | 1                           | -                              | 1           |
| Ice Creameries                         | -                           | -                              | -           |
| Iron Foundries                         | 1                           | -                              | 1           |
| Joiners                                | 10                          | 6                              | 16          |
| Letterpress Printing                   | 4                           | -                              | 4           |
| Mantle Alteration                      | 2                           | 2                              | 4           |
| Plumbers                               | 3                           | 5                              | 8           |
| Photography                            | -                           | 2                              | 2           |
| Pie and Sausage Making                 | 5                           | 1                              | 6           |
| Sausage Making                         | 16                          | 3                              | 19          |
| Signwriting                            | -                           | 2                              | 2           |
| Saw Mills                              | 2                           | -                              | 2           |
| Sugar Confectioneries                  | 1                           | -                              | 1           |
| Shipbuilding Yard & Repairing<br>Docks | 1                           | -                              | 1           |
| Tailoring                              | 2                           | 1                              | 3           |
| Upholstery                             | 1                           | 1                              | 2           |
| <b>TOTAL</b>                           | <b>103.</b>                 | <b>34.</b>                     | <b>137.</b> |

All Bakehouses are inspected regularly and special attention is paid to the cleanliness of the premises and utensils and also the sanitary accommodation, including the provision of lavatory basins and towels and to the regular collection for disposal of all trade refuse received the attention of the Department.

(4) SHOPS ACT, 1934-36.

A total of 493 shops were inspected during the year under the provisions of the Shops Act, 1934. The ventilation and temperature of shops, sufficient and suitable sanitary conveniences with other arrangements for the health and comfort of the shop workers were the main consideration.

(5) CAMPING SITES.

There are no camping sites in operation in the district at the present time.

(6) SMOKE ABATEMENT.

General observations have been maintained during the year, but it was not found necessary to recommend legislative action.



(7) ERADICATION OF BED BUGS.

Vigorous efforts are still being maintained in the Borough for the eradication of the Bed Bug. During the year, 48 houses were cleansed of vermin. In some cases, the infestation was only superficial, while in others, it was extensive and entailed the removal of all skirtings, architraves, picture rails, wall papers, etc. All surfaces were subjected to the flame of a blow lamp, to destroy eggs and larvae prior to spraying with a reliable insecticide (Zaldecide). In all cases where heavy infestation was observed, rooms were sealed and rendered gas tight, and toxic gas introduced by burning sulphur candles, followed by a thorough aeration, with satisfactory results.

(8) DISINFECTION.

The following Table indicates the amount of disinfection carried out by the Department during the year. The disinfectant used was Formalin, sprayed by pneumatic sprays.

Bedding, etc., disinfected at request of:-

| Articles.              | Own-<br>ers. | F.A.P. | Police. | K.M.<br>Hosp-<br>ital. | Fire<br>Watch-<br>ers. | H.M.<br>Serv-<br>ices. | A.R.P. | Total. |
|------------------------|--------------|--------|---------|------------------------|------------------------|------------------------|--------|--------|
| Blankets               | -            | 8      | 21      | 15                     | 6                      | 264                    | 9      | 323.   |
| Beds                   | 4            | -      | -       | -                      | 2                      | 50                     | 8      | 64.    |
| Towels                 | -            | -      | -       | -                      | -                      | 1                      | -      | 1.     |
| Pillows                | -            | -      | -       | 15                     | 5                      | 6                      | 2      | 28.    |
| Pants(Prs.)            | 5            | -      | -       | -                      | -                      | 1                      | -      | 6.     |
| Vest and<br>Undervests | -            | -      | -       | -                      | -                      | 2                      | -      | 2.     |
| Kits                   | -            | -      | -       | -                      | -                      | 14                     | -      | 14.    |
| Baby's Shawl           | 1            | -      | -       | -                      | -                      | -                      | -      | 1.     |
| Palliasces             | -            | -      | -       | -                      | -                      | 10                     | -      | 10.    |
| Clothing               | 7            | -      | -       | -                      | -                      | 6                      | -      | 13.    |
| Mattresses             | 1            | -      | -       | 8                      | -                      | 1                      | 1      | 11.    |
| Bedcover               | 1            | -      | -       | -                      | -                      | 1                      | -      | 2.     |
| Ground Sheets          | -            | -      | -       | -                      | -                      | 2                      | -      | 2.     |
| Sheets                 | -            | -      | -       | -                      | -                      | 6                      | -      | 6.     |
| Coats                  | 9            | -      | -       | -                      | -                      | 8                      | -      | 17.    |
| Shoes(Prs.)            | 19           | -      | -       | -                      | -                      | -                      | -      | 19.    |
| Jackets                | 6            | -      | -       | -                      | -                      | -                      | -      | 6.     |
| Pullovers              | 3            | -      | -       | -                      | -                      | -                      | -      | 3.     |
| Caps                   | 6            | -      | -       | -                      | -                      | -                      | -      | 6.     |
| Socks(Bundles)         | 2            | -      | -       | -                      | -                      | -                      | -      | 2.     |
| Tablecloths            | 1            | -      | -       | -                      | -                      | 2                      | -      | 3.     |

(9) INFECTIOUS DISEASES.

|  |   |      |
|--|---|------|
| Cases of infectious diseases investigated  | - | 862. |
| Other visits made in connection with the investigation of cases of infectious diseases                               | - | 115. |
| Cases of infectious diseases removed to hospital   | - | 231. |
| Houses disinfected after removal or recovery of cases of infectious disease, including bedding and personal clothing | - | 886. |
| Cells disinfected  | - | 8.   |
| Sleeping quarters disinfected  | - | 3.   |
| Hospital Wards disinfected   | - | 2.   |
| Nursing outfits disinfected at request of District Nursing Association   | - | 18.  |
| Seamen's Kits disinfected at request of Naval Authorities  | - | 14.  |
| Bedding destroyed at Owners request  | - | 29.  |



891 Books were disinfected before being returned to Libraries after being in contact with infectious disease.

#### 10. SCHOOLS.

Periodical inspections were made of the Schools throughout the Borough with special reference to the Sanitary accommodation and drinking water fountain. Any defects found were reported to the appropriate Department and were remedied forthwith.

#### 11. RESTAURANT KITCHENS IN CAFES.

Routine inspection was made of these premises. All were found to be satisfactory.

#### 12. PLACES OF PUBLIC ENTERTAINMENT.

A systematic inspection of all places of public entertainment is carried out. Three informal notices were served for sanitary defects, and were carried out to the satisfaction of the Health Department.

#### 13. PIGGERIES.

Following the Government's appeal to the Public to keep pigs and feed them on kitchen wastes, the number of pig-keepers in the Borough has increased to 48.

Frequently and periodical visits were made to their premises and advice given, when necessary, regarding hygienic methods of housing and feeding and proofing against Rats. Waste foods and other edible matters have to be collected by individual pig-keepers as no scheme is in operation in Blyth whereby such waste is collected by the Corporation.

#### 14. OFFENSIVE TRADES.

The offensive trades in the Borough are:-

|                      |   |     |
|----------------------|---|-----|
| Fried Fish and Chips | - | 25. |
| Tripery              | - | 1.  |
| Rag and Bone Dealer  | - | 1.  |

##### Fried Fish Shops.-

Systematic inspections were made throughout the year and no complaints were received. The premises were found to be in a satisfactory state of cleanliness.

##### Tripery.-

Tripe boiling is carried on at one place within the Borough and periodical inspections were made. The premises were found to be satisfactory.

##### Rag and Bone Dealer.-

Only one Rag and Bone Dealer is registered with the Council. A few people travel the streets collecting old rags and bones but they have no premises for the storage of such articles which are taken to the registered dealer immediately after collection.



(15) COMMON LODGING HOUSES.

One Common Lodging House is registered with the Council. Systematic inspection was made during the year, and the business was found to be carried on in a satisfactory manner.

(16) RATS AND MICE DESTRUCTION ACT, 1919.

Periodic outbreaks of Rat Infestation were brought to our notice during the year. Poison baits were laid down on Corporation property at regular intervals, the total for the year being as follows:-

|                   |                     |   |      |
|-------------------|---------------------|---|------|
| Poison baits laid | (a) Albion Depot    | - | 270. |
|                   | (b) Slaughterhouses | - | 260. |
|                   | (c) Private Houses  | - | 390. |
|                   | TOTAL               | - | 920. |

S E C T I O N D.HOUSING AND OVERCROWDING.

Housing construction was at a standstill during the year, but the work of the overcrowding department had to be continued. All essential repairs were carried out under the Public Health Act.

HOUSING STATISTICS FOR THE YEAR, 1942.

Houses erected during the year.-

|                                | With State Assistance. | Unaided. | Total. |
|--------------------------------|------------------------|----------|--------|
| (a) By Local Authority         | -                      | -        | Nil.   |
| (b) By Other Bodies or Persons | -                      | -        |        |

## 1. Inspection of dwelling-houses during the year.-

- (1)(a) Total number of dwelling-houses inspected for Housing defects (Under the Housing Acts) - 2.  
 (b) Number of inspections made for the purpose - 12.

- (2)(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 - Nil.  
 (b) Number of inspections made for the purpose - Nil.

- (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation - Nil.

- (4) Number of dwellinghouses (exclusive of those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation - Nil.

## 2. Remedy of Defects without service of Formal Notices:-

Number of defective dwellinghouses rendered fit in consequence of informal action by Local Authority or its Officers - Nil.



## 3. Action under Statutory Powers:-

(a) Proceedings under Section 9, 10 and 16 of the Housing Act, 1936 - 2.

(1) Number of dwellinghouses in respect of which "Notices" were served requiring repairs - 2.

(2) Number of dwellinghouses which were rendered fit after service of formal notices:-

(a) By Owners - Nil.

(b) By Local Authority in default of Owners - Nil.

(b) Proceedings under Public Health Acts:-

(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied - 413.

(2) Number of dwellinghouses in which defects were remedied after service of formal notices:-

(a) By Owners - 139.

(b) By Local Authority in default of Owners - 10.

(c) Proceedings under Section 11 and 13 of the Housing Acts, 1936:-

(1) Number of dwellinghouses in respect of which Demolition Orders were made - Nil.

(2) Number of dwellinghouses demolished in pursuance of Demolition Orders - Nil.

(d) Proceedings under Section 12 of the Housing Acts, 1936:-

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

HOUSING ACT, 1936 - PART IV. OVERCROWDING.

A. (i) Number of dwellings overcrowded at end of year - 384.  
 (ii) " " families dwelling therein - 384.  
 (iii) " " persons " - 2,296.

B. Number of new cases of overcrowding reported during the year - 56.

C. (i) Number of cases of overcrowding relieved during the year - 92.

(ii) Number of persons concerned in such cases - 562.

(iii) Number of cases of overcrowding relieved in houses owned by the Local Authority (included in C(i)). - 15.

(iv) Number of cases of overcrowding relieved in the course of slum clearance operations - Nil.

D. Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding - Nil.



23.

E. Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report:-

| Where Holdings are situated.          | No. of Holdings. | No. of O/C Holdings. | O/C Percentage of Total No. of Holdings. | O/C Percentage of No. of Holdings in each area (Col. 1.). |
|---------------------------------------|------------------|----------------------|--|---|
| In Municipal Houses                   | 1868             | 55                   | .59                                      | 2.9   |
| In Areas Scheduled for Slum Clearance | 967              | 138                  | 1.48                                     | 14.27   |
| In Houses other than the above        | 6465             | 191                  | 2.05                                     | 2.95  |
| TOTALS                                | 9300             | 384                  | 4.12                                     | -   |

In the following Tables the whole of the Slum Clearance work, to date, is shown:-

Extract from Health Department records showing progress of Slum Clearance, years 1933 to 1942, including Clearance Areas Nos. 1 to 41 inclusive.

Sum Totals 1933 to 31st December, 1942.

| Clearance Areas No. 1 to 41.                | Houses. | Families. | Persons. | Occupied Shops. | Other Buildings. |
|---|---------|-----------|----------|-----------------|------------------|
| TOTALS                                      | 1476    | 1601      | 6360     | 26              | 22               |
| Excluded from Areas by Minister of Health - | 45      | 50        | 190      | 10              | 6                |
| Totals affected                             | 1431    | 1551      | 6170     | 16              | 16               |

Rehousing - Progress up-to-date.

| Houses with number of Bedrooms |     |     |    |    |   | Total Number of Houses Built | Rehoused. |          |
|--------------------------------|-----|-----|----|----|---|------------------------------|-----------|----------|
| 1                              | 2   | 3   | 4  | 5  | 6 |                              | Families. | Persons. |
| 26                             | 258 | 360 | 32 | 22 | 8 | 706                          | 676       | 2,799    |

Overcrowding Survey - "Housing Act" 1936  
(SEE APPENDIX A.)

Report on Overcrowding Survey.  
(SEE APPENDIX B.)



INSPECTION AND SUPERVISION OF FOOD.(1) MILK SUPPLY.

The number of milk producers and retailers in the Borough at the end of the year, was as follows:-

|  |   |     |
|--|---|-----|
| Registered wholesale Traders and Producers           | - | 15. |
| (Total Number of Cows at the above - 136 approx.)    |   |     |
| Registered farms and other premises as Dairies       | - | 18. |
| Registered Retail Purveyors of Milk                  | - | 46. |
| Registered Milk Shops                                | - | 29. |
| (Selling Milk in sealed and stoppered bottles only). |   |     |

Milk (Special Designations) Order, 1936.

One Dealer produces tuberculin-tested milk in the Borough. One Retailer in the district sells tuberculin-tested milk. Systematic inspection of the one Pasteurising Plant in the Borough, was carried out during the year. Most of the milk pasteurised is obtained from outside districts.

Bacteriological Examination of Milk.

163 samples taken during the year were examined for Bacillus Coli, 98 of which were examined for Tubercle Bacilli at the County Laboratory. The Analyst's report shows that 51 of the samples were not satisfactory as regards the B.Coli content. Of these 51, 46 samples were produced outside the Borough. The Local Authorities from whose districts the milk came were notified of the unsatisfactory reports. Regarding the 5 unsatisfactory samples produced in the Borough, visits were made to the farms during the process of milking and advice was given on the best practical means for the production of clean milk. Further samples of those which were unsatisfactory were repeated at frequent intervals until the milk reached a satisfactory standard of cleanliness. 5 samples contained Tubercle Bacilli and the County Medical Officer was notified accordingly. Appendix C. gives in tabular form particulars of samples taken.

The undermentioned applications were received during the year:-

|   |   |     |
|---|---|-----|
| Applications for registration as wholesale Trader and     |   |     |
| Producer of Milk  | - | 2.  |
| Applications for registration of premises used as a Dairy | - | 4.  |
| Applications for registration as Retail Purveyor of Milk  | - | 22. |

Milk (Special Designations) Order, 1936.

|   |   |    |
|---|---|----|
| Applications received for renewal of Licence to sell    |   |    |
| retail, milk with the special designation "Pasteurised" | - | 2. |
| Applications received for renewal of Licence to sell    |   |    |
| retail, milk with the special designation "Tuberculin   |   |    |
| Tested"   | - | 1. |

Milk and Dairies Regulations.

It is now possible to report that the proposed reconstruction works at the farm mentioned in the 1941 report have, with the exception of the installation of utensil sterilising



apparatus, been carried out to the satisfaction of the Health Department, and new milk is now being produced thereon.

Following a sample of milk being taken from a Purveyor in the Borough, it was discovered that the said Purveyor was not a registered Purveyor of Milk and a follow-up inspection revealed that the premises being used as a dairy were unsatisfactory. It was decided, therefore, that until such time that suitable premises were obtained, the retailer be refused Registration, who was subsequently informed and requested to appear before the Health Committee to show cause why the Council should not refuse to register him as a Retail Purveyor of Milk. The retailer intimated that if the Council so permitted, he would arrange to use the dairy belonging to another registered Purveyor in the Borough, to enable him to carry on his business.

It was decided that this application to be Registered as a Retail Purveyor of Milk be granted as long as such premises proposed to be used are considered suitable by the Council.

## (2) MEAT INSPECTION.

Blyth is a slaughtering centre for the Ministry of Food. During the year, 9095 animals were slaughtered and inspected as recommended by Memo. 62/Foods. Carcasses and organs were not allowed to leave the Slaughterhouses until a post-mortem examination had been made. This entailed much work, inspections having to be carried out late at night and during the weekends.

Representatives of the Ministry of Food have paid visits to the slaughterhouses while slaughtering and inspection was in progress. All expressed their entire satisfaction with the work carried out there.

The Council decided not to carry out the proposed alterations as outlined in the Medical Officer of Health's report of 1941, and the slaughterhouses in their present state leave much to be desired for slaughtering to be carried out under hygienic and modern conditions.

The following Table shows the number of animals slaughtered and inspected during the year, 1942:-

|           | Cattle<br>Other than<br>Cows. | Cows. | Calves. | Sheep<br>and<br>Lambs. | Pigs. | Goats. | TOTAL. |
|-----------|-------------------------------|-------|---------|------------------------|-------|--------|--------|
| January   | 67                            | 4     | -       | 660                    | 2     | -      | 733.   |
| February  | 44                            | -     | -       | 751                    | 4     | -      | 798.   |
| March     | 107                           | -     | -       | 656                    | 15    | -      | 778.   |
| April     | 136                           | 3     | -       | 890                    | -     | -      | 1,029. |
| May       | 181                           | -     | -       | 240                    | -     | -      | 421.   |
| June      | 104                           | 6     | -       | -                      | 1     | -      | 111.   |
| July      | 91                            | 6     | -       | -                      | -     | 1      | 98.    |
| August    | 130                           | 12    | -       | 258                    | 2     | -      | 402.   |
| September | 177                           | 23    | -       | 607                    | 21    | -      | 828.   |
| October   | 209                           | 9     | -       | 1,183                  | 7     | -      | 1,480. |
| November  | 155                           | 11    | 34      | 1,456                  | 7     | -      | 1,663. |
| December  | 68                            | 15    | 54      | 665                    | 24    | -      | 826.   |
|           | 1,468.                        | 89.   | 88.     | 7,366.                 | 83*   | 1.     | 9,095. |

\*23 of these were "Cottagers" Pigs.



Following the inspection of the above, it was found necessary to condemn the following:-

| EDIBLE ORGANS.                   | CATTLE. |                | SHEEP. |                | PIGS.   |                |
|----------------------------------|---------|----------------|--------|----------------|---------|----------------|
|                                  | No.     | Weight in lbs. | No.    | Weight in lbs. | No.     | Weight in lbs. |
| ON ACCOUNT OF:-                  |         |                |        |                |         |                |
| <u>Abscesses.-</u>               |         |                |        |                |         |                |
| Lungs                            | 3       | 35             | -      | -              | -       | -              |
| Uterus                           | 1       | 6              | -      | -              | -       | -              |
| Tripe                            | -       | 18             | -      | -              | -       | -              |
| Livers                           | 23      | 242            | 2      | 4              | -       | -              |
| Parts of Livers                  | 7       | 24             | -      | -              | -       | -              |
| Reed, Roll and Bung              | -       | 5              | -      | -              | -       | -              |
| Heads                            | -       | -              | 4      | 21             | -       | -              |
| Shanks                           | -       | -              | 2      | 7              | -       | -              |
| Pluck                            | -       | -              | 1      | 4              | -       | -              |
| <u>Abscesses and Flukes.-</u>    |         |                |        |                |         |                |
| Lungs                            | 2       | 24             | -      | -              | -       | -              |
| Livers                           | 5       | 58             | -      | -              | -       | -              |
| Kidney Knobs                     | 1       | 4              | -      | -              | -       | -              |
| <u>Abscesses and Cirrhosis.-</u> |         |                |        |                |         |                |
| Livers                           | 4       | 47             | -      | -              | -       | -              |
| Parts of Livers                  | 4       | 25             | -      | -              | -       | -              |
| <u>Actinomycoosis.-</u>          |         |                |        |                |         |                |
| Heads and Tongues                | 2       | 68             | -      | -              | -       | -              |
| <u>Anginoma.-</u>                |         |                |        |                |         |                |
| Livers                           | 3       | 51             | -      | -              | -       | -              |
| <u>Blood Infiltration.-</u>      |         |                |        |                |         |                |
| Parts of Livers                  | 1       | 3              | -      | -              | -       | -              |
| <u>Cirrhosis.-</u>               |         |                |        |                |         |                |
| Livers                           | 48      | 488            | 6      | 21             | -       | -              |
| Parts of Livers                  | 189     | 783            | 1      | 4              | 1       | 4              |
| Plucks                           | -       | -              | -      | -              | 1       | 8              |
| <u>Carcinoma.-</u>               |         |                |        |                |         |                |
| Livers                           | 1       | 14             | -      | -              | -       | -              |
| Parts of Livers                  | 3       | 14             | -      | -              | -       | -              |
| Melt                             | 1       | 1              | -      | -              | -       | -              |
| <u>Cysts.-</u>                   |         |                |        |                |         |                |
| Livers                           | -       | -              | 2      | 6              | -       | -              |
| Lungs                            | 1       | 10             | -      | -              | -       | -              |
| <u>Cysticercus Tenuicollis.-</u> |         |                |        |                |         |                |
| Runners and Middles              | -       | -              | 1      | 6              | -       | -              |
| Livers                           | -       | -              | 2      | 5              | -       | -              |
| Lungs                            | -       | -              | 1      | 1              | -       | -              |
| Fat                              | -       | -              | 1      | 1              | -       | -              |
| <u>Distomatosis.-</u>            |         |                |        |                |         |                |
| Livers                           | -       | -              | 8      | 41             | -       | -              |
| Parts of Livers                  | -       | -              | 11     | 32             | -       | -              |
| Plucks                           | -       | -              | 1      | 4              | -       | -              |
| <u>Decomposition.-</u>           |         |                |        |                |         |                |
| Livers                           | -       | -              | -      | -              | 2       | 50             |
| Kidneys                          | -       | -              | -      | -              | Boxes 2 | 27             |
| <u>Emaciation.-</u>              |         |                |        |                | Boxes   |                |
| Head                             | -       | -              | 1      | 3              | -       | -              |
| Pluck                            | -       | -              | 1      | 3              | -       | -              |
| Paunch                           | -       | -              | 1      | 4              | -       | -              |
| Gut, Runners and Middles         | -       | -              | 1      | 6              | -       | -              |
| Fat                              | -       | -              | -      | 1              | -       | -              |



Table (Ctd.)

|  | CATTLE. |                | SHEEP. |                | PIGS. |                |
|--|---------|----------------|--------|----------------|-------|----------------|
|  | No.     | Weight in lbs. | No.    | Weight in lbs. | No.   | Weight in lbs. |
| <u>Emaciation due to Johnes Disease &amp; Tuberculosis.-</u> |         |                |        |                |       |                |
| Full set of Offal (Carcase)                                  | 1       | 124            | -      | -              | -     | -              |
| <u>Generalised Tuberculosis.-</u>                            |         |                |        |                |       |                |
| Full sets of Offal (Carcases)                                | 5       | 740            | -      | -              | 1     | 18             |
| Pluck  | -       | -              | -      | -              | 1     | 12             |
| <u>Hydated Cysts.-</u>                                       |         |                |        |                |       |                |
| Lungs  | 2       | 19             | -      | -              | -     | -              |
| <u>Inflammation.-</u>  |         |                |        |                |       |                |
| Intestines   | 2       | 16             | -      | -              | -     | -              |
| Lungs  | 1       | 8              | -      | -              | -     | -              |
| Kidney Knobs   | 2       | 3              | -      | -              | -     | -              |
| Stomachs   | -       | -              | 2      | 5              | -     | -              |
| Runners  | -       | -              | 1      | 1              | -     | -              |
| Mesentery Fat  | -       | -              | 1      | 3              | -     | -              |
| <u>Moribund.-</u>  |         |                |        |                |       |                |
| Head and Pluck   | -       | -              | 1      | 8              | -     | -              |
| Paunch, Runners & Middles                                    | -       | -              | 1      | 5              | -     | -              |
| Fat  | -       | -              | -      | 3              | -     | -              |
| Feet   | -       | -              | -      | 1              | -     | -              |
| <u>Nephritis.-</u>   |         |                |        |                |       |                |
| Kidney   | 1       | 1              | -      | -              | -     | -              |
| <u>Pneumonia.-</u>   |         |                |        |                |       |                |
| Lungs  | -       | -              | 7      | 18             | -     | -              |
| <u>Septic.-</u>  |         |                |        |                |       |                |
| Udders   | 7       | 108            | -      | -              | 1     | 8              |
| <u>Strongylus Rufescens.-</u>                                |         |                |        |                |       |                |
| Lungs  | -       | -              | 139    | 161            | -     | -              |
| Plucks   | -       | -              | 3      | 10             | -     | -              |
| <u>Strongylus &amp; Distomatosis.-</u>                       |         |                |        |                |       |                |
| Pluck  | -       | -              | 1      | 2              | -     | -              |
| <u>Septic Metritis.-</u>                                     |         |                |        |                |       |                |
| Full set of Offal (Carcase)                                  | -       | -              | 1      | 24             | -     | -              |
| <u>Tuberculosis.-</u>  |         |                |        |                |       |                |
| Heads and Tongues  | 70      | 2386           | -      | -              | 3     | 68             |
| Livers   | 34      | 440            | -      | -              | -     | -              |
| Lungs  | 173     | 1976           | -      | -              | -     | -              |
| Intestines   | 2       | 21             | -      | -              | -     | -              |
| Mesenteries  | 48      | 517            | -      | -              | 1     | 4              |
| Runners  | 21      | 222            | -      | -              | -     | -              |
| Melts  | 2       | 4              | -      | -              | -     | -              |
| Hearts   | 6       | 19             | -      | -              | -     | -              |
| Tail   | 1       | 2              | -      | -              | -     | -              |
| Skirt  | 1       | 2              | -      | -              | -     | -              |
| Sweetbreads  | 1       | 1              | -      | -              | -     | -              |
| Reed, Heels, Tripe & Weasand                                 | 3       | 130            | -      | -              | -     | -              |
| Udders   | 11      | 258            | -      | -              | -     | -              |
| Kidneys  | 3       | 19             | -      | -              | 2     | 2              |
| Edible Offal   | -       | 41             | -      | -              | -     | -              |
| Inedible Offal   | -       | 20             | -      | -              | -     | -              |
| Tripe and Fat  | 4       | 91             | -      | -              | -     | -              |
| Middle and Bung  | 1       | 12             | -      | -              | -     | -              |
| Manifold   | 3       | 15             | -      | -              | -     | -              |
| Full sets of Offal (Carcase)                                 | 2       | 240            | -      | -              | -     | -              |
| Plucks   | -       | -              | -      | -              | 2     | 20             |
| Fat  | -       | -              | -      | -              | 1     | 4              |
| Sticking Blood   | -       | -              | -      | -              | -     | 3              |
| <u>Tuberculosis &amp; Hydated Cysts.-</u>                    |         |                |        |                |       |                |
| Lungs  | 2       | 14             | -      | -              | -     | -              |
| <u>Tuberculosis &amp; Cirrhosis.-</u>                        |         |                |        |                |       |                |
| Livers   | 2       | 31             | -      | -              | -     | -              |
|  |         | 9,400          |        | 415            |       | 228            |



In addition, it was found necessary to condemn the following:-

| Substance.              | On Account of.-                                 | Weight.     |
|-------------------------|---|-------------|
| 5 Whole Beef Carcasses  | Generalised Tuberculosis.                       | 2,839 lbs.  |
| 1 " " "                 | Milliary Tuberculosis.                          | 439 "       |
| 1 " " "                 | Emaciation due to Johnes Disease & Tuberculosis | 279 "       |
| 2 Hindquarters Beef     | Tuberculosis                                    | 228 "       |
| 1 Forequarters Beef     | "   | 133 "       |
| Beef                    | "   | 12 "        |
| Kidney and Fat          | "   | 7 "         |
| Beef Ribs               | "   | 37 "        |
| Thin Skirt              | "   | 19 "        |
| Thick Skirt             | "   | 7 "         |
| Tail                    | "   | 2 "         |
| Thin Skirt              | Abscess   | 4 "         |
| Thick Skirt             | "   | 2 "         |
| Thin Skirt              | Inflammation                                    | 6 "         |
| Beef                    | Bruised   | 21 "        |
| "                       | Bone Taint                                      | 232 "       |
| Loin                    | Mouldy & Decomposition                          | 11½ "       |
| One Hindquarter Beef    | Bad Bleeding                                    | 84 "        |
| 8 Whole Sheep Carcasses | Decomposition                                   | 320 "       |
| 1 " " "                 | Dropsy  | 40 "        |
| 1 " " "                 | Oedema  | 38 "        |
| 1 " " "                 | Septic Metritis                                 | 40 "        |
| 1 " " "                 | Moribund  | 40 "        |
| 1 " " "                 | Emaciation                                      | 22 "        |
| Mutton Lap              | Inflammation                                    | 2 "         |
| Mutton                  | Abscess   | 28 "        |
| Mutton Lap              | Oedema  | 2 "         |
| Mutton                  | Bruised   | 17 "        |
| Small Pig & Offal       | Moribund  | 14 "        |
| Hind Leg (Pig)          | Broken Bone (Casualty)                          | 14 "        |
| Mince Meat              | Decomposition                                   | 70 "        |
| TOTAL                   |   | 5,009½ lbs. |

Total Weight of Edible Offal and Flesh condemned = 15,133½ lbs.,  
or 6 tons. 14 cwt. 3 qtrs. 1 st. 3½ lbs.

The imported and manufacturing meat, which came into the Borough, is shown in the following Table:-

| Substance.                   | No. of Carcasses. | No. of Bags, Cases or Weight in Lbs. |
|------------------------------|-------------------|--------------------------------------|
| <b>IMPORTED:</b>             |                   |                                      |
| Beef Hindquarters (Boneless) | -                 | 1596 Bags & 9772 lbs.                |
| " " (Bone in)                | 7                 | 88 "                                 |
| " Forequarters (Boneless)    | 7                 | 1079 " & 5225 "                      |
| " " (Bone in)                | 1                 | 34 "                                 |
| " (Boneless)                 | -                 | 326 " & 24370 "                      |
| " Fillets                    | -                 | 21 "                                 |
| Corned Beef                  | -                 | 1084 Cases.                          |
| Hindquarters Cuts            | -                 | 30 Bags.                             |
| Forequarters Cuts            | -                 | 20 "                                 |
| Ox Tails                     | -                 | 14 "                                 |
| Ox Livers                    | -                 | 77 "                                 |
| Ribs and Bonies              | -                 | 70 "                                 |
| Beef Livers                  | -                 | 36 Cases.                            |
| Lambs                        | 13409             |                                      |
| Sheep                        | 760               |                                      |
| Mutton                       | -                 | 2628 lbs.                            |



Table (Contd.)

| Substance.                   | No. of Carcases. | No. of Bags, Cases or Weight in Lbs.        |
|------------------------------|------------------|---|
| Lambs, Livers                | -                | 41 cases.                                   |
| " Stewbreads                 | -                | 8 "   |
| " Hearts                     | -                | 8 bags.                                     |
| Sheep, Kidneys               | -                | 5 cases.                                    |
| " Hearts                     | -                | 5 "   |
| Pork Hindquarters (Boneless) | -                | 140 bags.                                   |
| " Forequarters (Boneless)    | -                | 136 "                                       |
| Pork                         | -                | 27 1/2 "                                    |
| Pork Loins                   | -                | 462 cases.                                  |
| Pig Livers                   | -                | 210 "                                       |
| " Kidneys                    | -                | 32 "  |
| Offal                        | -                | 340 "                                       |
| <b>MANUFACTURING:</b>        |                  |   |
| Beef (Boneless)              | -                | 123 5/6 th. Bags. 3893 lbs.                 |
| Pork (Boneless)              | -                | 278 1/4 " 1394 "                            |
| Veal (Boneless)              | -                | 9 " 915 "                                   |
| Beef                         | -                | 101 1/2 " "                                 |
| Pork                         | -                | 111 " "                                     |
| Mutton                       | -                | 8 " "                                       |
| Bacon, U.S.A.                | -                | 2324 "                                      |
| <b>FRESH MEAT:</b>           |                  |   |
| Sheep (English)              | 6                |   |
| Calves (English)             | 9                |   |
| Sows                         | 12               |   |
| Cattle                       | 2                |   |
| Boar                         | -                |   |
| Beef                         | -                | 42 sides.                                   |
| Kidney Suets                 | -                | 14 "  |
|                              | 14,199           | 6,563 7/12 ths. Bags. 50,535 lbs and Cases. |

| Meat Condemned.   | On Account of.- | Weight. |
|-------------------|-----------------|---------|
| Beef Hindquarters | Bone Taint.     | 29 lbs. |

Inspection of Other Foodstuffs.

The following foodstuffs, on inspection, were found to be unfit for human consumption and were voluntarily surrendered and destroyed:-

| Substance.              | Reason for Condemnation. | No. of Tins. | Weight. |      |
|-------------------------|--------------------------|--------------|---------|------|
|                         |                          |              | lbs.    | ozs. |
| Apricots                | Blown                    | 7            | 7.      | 0.   |
| Apples                  | "                        | 13           | 35.     | 10.  |
| Beans                   | "                        | 71           | 39.     | 12.  |
| Beans & Tomatoes        | "                        | 46           | 23.     | 8.   |
| Beef                    | "                        | 1            |         | 12.  |
| Brisket Beef            | "                        | 1            | 4.      | 0.   |
| Braised Beef & Tomatoes | "                        | 1            | 1.      | 0.   |
| Corned Beef             | "                        | 11           | 66.     | 0.   |
| Chopped Ham             | "                        | 19           | 66.     | 12.  |
| Chicken Roll            | "                        | 2            | 5       | 8.   |



Table (Contd.).

30.

| Substance.                      | Reason for<br>Condemnation | No. of Weight. |      |      |
|---------------------------------|----------------------------|----------------|------|------|
|                                 |                            | Tins.          | lbs. | ozs. |
| Carrots                         | Blown                      | 3              | 4.   | 12.  |
| Casserole Steak                 | "                          | 10             | 18.  | 0.   |
| Crayfish                        | "                          | 2              |      | 11.  |
| Fish Roll                       | "                          | 11             | 35.  | 0.   |
| Fish Balls                      | "                          | 10             | 6.   | 0.   |
| Fish Galantine                  | "                          | 4              |      |      |
| Galantine Roll                  | "                          | 1              | 3.   | 0.   |
| Gooseberries                    | "                          | 3              | 3.   | 0.   |
| Herrings                        | "                          | 1              |      | 14.  |
| Ham Rissole                     | "                          | 2              | 3.   | 8.   |
| Ham Pate                        | "                          | 2              | 1.   | 4.   |
| Ham Roll                        | "                          | 1              |      | 6.   |
| Kipper Snack                    | "                          | 1              |      | 4.   |
| Kidney Soup                     | "                          | 25             | 12.  | 8.   |
| Luncheon Meat                   | "                          | 21             | 99.  | 12.  |
| Milk (Evaporated)               | "                          | 185            | 91.  | 14.  |
| " (Condensed)                   | "                          | 110            | 99.  | 12.  |
| " (Carnation)                   | "                          | 18             | 16.  | 0.   |
| Meat & Vegetables               | "                          | 8              | 8.   | 0.   |
| Mock Turtle Soup                | "                          | 1              |      |      |
| Macaroni                        | "                          | 1              |      | 8.   |
| Meat Soup                       | "                          | 6              | 2.   | 4.   |
| Mixed Vegetables                | "                          | 2              | 2.   | 0.   |
| Ox Tail & Tongue                | "                          | 2              | 12.  | 0.   |
| Oxtail Soup                     | "                          | 2              | 1.   | 8.   |
| Oranges                         | "                          | 2              | 1.   | 0.   |
| Party Loaf                      | "                          | 1              |      | 12.  |
| Pork Luncheon Meat              | "                          | 16             | 87.  | 4.   |
| Pork Sausage Meat               | "                          | 11             | 16.  | 4.   |
| Pork Sausage                    | "                          | 1              | 2.   | 0.   |
| Peas                            | "                          | 59             | 57.  | 12.  |
| Pilchards                       | "                          | 10             | 2.   | 8.   |
| Pineapple Cubes                 | "                          | 13             | 17.  | 0.   |
| Pineapples                      | "                          | 21             | 33.  | 0.   |
| Peaches                         | "                          | 5              | 6.   | 6.   |
| Pears                           | "                          | 2              | 1.   | 14.  |
| Plums                           | "                          | 3              | 5.   | 4.   |
| Prem                            | "                          | 1              |      | 12.  |
| Rock Lobster                    | "                          | 1              |      | 8.   |
| Rhubarb                         | "                          | 5              | 5.   | 0.   |
| Rabbit Fillet                   | "                          | 1              | 1.   | 0.   |
| Ready Meals                     | "                          | 2              | 2.   | 0.   |
| Salmon                          | "                          | 10             | 3.   | 8.   |
| Sardines                        | "                          | 1              |      | 8.   |
| Stewed Steak                    | "                          | 9              | 9.   | 0.   |
| Spaghetti                       | "                          | 3              | 2.   | 0.   |
| Scotch Broth                    | "                          | 2              | 2.   | 0.   |
| Tomatoes                        | "                          | 82             | 110. | 8.   |
| Tongue                          | "                          | 1              | 6.   | 0.   |
| Troy                            | "                          | 2              | 1.   | 12.  |
| Vegetable Salad                 | "                          | 2              | 2.   | 0.   |
| Vegetable and Gravy             | "                          | 1              |      |      |
| Vegetable Soup                  | "                          | 3              | 1.   | 2.   |
| Veal, Ham & Tongue<br>Galantine | "                          | 1              |      | 12.  |
| Brisket Beef                    | Decomposition              | 1              | 4.   | 0.   |
| Beans and Tomatoes              | "                          | 2              | 1.   | 4.   |
| Beans                           | "                          | 1              | 1.   | 0.   |
| Chopped Ham                     | "                          | 23             | 79.  | 12.  |



Table(Contd.)

| Substance.         | Reason for<br>Condemnation.                        | No. of<br>Tins. | Weight |      |
|--------------------|--|-----------------|--------|------|
|                    |  |                 | lbs    | ozs. |
| Corned Beef        | Decomposition                                      | 19              | 113.   | 0.   |
| Canadian Pork Loaf | "  | 1               | 6.     | 0.   |
| Fish & Tomato Roll | "  | 4               | 6.     | 0.   |
| Ham Rissole        | "  | 1               | 1.     | 0.   |
| Ham Loaf           | "  | 1               | 6.     | 0.   |
| Luncheon Tongue    | "  | 4               | 3.     | 0.   |
| " Sausage          | "  | 7               | 9.     | 12.  |
| " Meat             | "  | 31              | 149.   | 4.   |
| Lemon Curd         | "  | 1               |        |      |
| Milk(Evaporated)   | "  | 16              | 12.    | 0.   |
| Meat Cup           | "  | 1               | 1.     | 0.   |
| Meat Paste         | "  | 1               |        | 8.   |
| Picnic Roll        | "  | 4               | 4.     | 0.   |
| Pork Luncheon Meat | "  | 35              | 147.   | 0.   |
| Peas               | "  | 2               | 1.     | 0.   |
| Prem.              | "  | 1               |        | 12.  |
| Sausage Meat       | "  | 1               | 2.     | 8.   |
| Sandwich Savouries | "  | 1               |        | 5.   |
| Salmon             | "  | 1               |        |      |
| Tongue             | "  | 3               | 2.     | 4.   |
| Tang               | "  | 1               |        | 12.  |
| Tomatoes           | "  | 3               | 5.     | 12.  |
| Beetroot           | Punctured  | 1               | 1.     | 0.   |
| Baked Beans        | "  | 2               | 2.     | 0.   |
| Chopped Ham        | "  | 16              | 47.    | 0.   |
| Carrots            | "  | 1               | 2.     | 0.   |
| Canes              | "  | 3               | 2.     | 12.  |
| Herrings           | "  | 1               |        | 7½   |
| Luncheon Meat      | "  | 3               | 11.    | 0.   |
| Milk               | "  | 49              | 36.    | 0.   |
| Pine Cubes         | "  | 10              | 14.    | 8.   |
| Peas               | "  | 1               |        |      |
| Pork Luncheon Meat | "  | 25              | 97.    | 0.   |
| Party Loaf         | "  | 2               |        |      |
| Pork Sausage Meat  | "  | 9               | 13.    | 0.   |
| Stewed Steak       | "  | 1               | 1.     | 0.   |
| Sardines           | "  | 2               | 1.     | 3½   |
| Salmon             | "  | 2               | 1.     | 8.   |
| Tomatoes           | "  | 1               | 1.     | 4.   |
| Milk               | Punctured & Blown                                  | 70              | 62.    | 4.   |
| "                  | Suspicious after being<br>recovered from foreshore | 35              |        |      |
| Pork Sausage       | Soiled in Transit                                  |                 | 8.     | 0.   |
| Beef               | " " "  |                 | 12.    | 0.   |
| Cheese             | Decomposition                                      |                 | 47.    | 4.   |
| Pears              | "  |                 | 91.    | 0.   |
| Bacon              | "  |                 | 68.    | 4.   |
| Beef Sausage       | "  |                 | 13.    | 0.   |
| Beef Mince         | "  |                 | 45.    | 0.   |
| Cod                | "  |                 | 388.   | 0.   |
| Frozen Pork        | "  |                 | 50.    | 0.   |
| Kippers            | "  |                 | 112.   | 0.   |
| Ox Tongue          | "  |                 | 1.     | 4.   |
| Pork Sausage       | "  |                 | 1.     | 0.   |
| Rolled Ham         | "  |                 | 12.    | 0.   |
| Prunes             | "  |                 | 1.     | 0.   |



Table(Contd.)

| Substance.       | Reason for<br>Condemnation. | No.of<br>Tins.        | Weight<br>lbs ozs. |
|------------------|-----------------------------|-----------------------|--------------------|
| Rabbit(Whole)    | Emaciation                  |                       | 2. 0.              |
| " (Hindquarters) | Bruised                     |                       | 12.                |
| Raisins          | Fermentation                |                       | 4. 8.              |
| Cheese           | Mouldy                      |                       | 25. 0.             |
| Ham              | Undercured                  |                       | 11. 8.             |
| Chopped Ham      | Petrefactive                |                       | 2. 8.              |
| Cherries         | Mouldy & Decomposition      |                       | 15. 0.             |
| Butter(National) | Rancid                      |                       | 4.                 |
| Eggs             | Damaged in Transit          | 80 eggs.              |                    |
| TOTAL            |                             | 1,275 tins<br>80 eggs | 2,805lbs<br>5ozs   |

(3) FOOD AND DRUGS ACT.

All food preparing premises have been regularly and systematically inspected during the year. The premises include slaughterhouses, butchers shops and fishmongers shops.

(4) FOOD SAMPLING.

I am indebted to Mr.S.Strugnell, Chief Inspector, County of Northumberland Weights and Measures Department, for the following particulars of samples taken in the Borough during 1942. A total of 81 samples were taken, of which 40 were of milk. The remainder were made up as follows:-

|                              |   |
|------------------------------|---|
| Banana Flavour Spread        | Lemonade                                |
| Beer                         | Lemon Cheese                            |
| Butter                       | Malted Milk                             |
| Cheese                       | Malt Vinegar                            |
| Coffee and Chicory           | Margarine                               |
| Cocoa                        | Meat Dinner                             |
| Continental Mustard          | Oatmeal                                 |
| Cooking Fat                  | Poloney                                 |
| Glycerine                    | Raisins                                 |
| Junket Powder                | Raspberry Jam                           |
| Rice Custard Pudding Mixture | Sweeteners                              |
| Rum                          | Sweetened Custard Powder                |
| Salad Dressing Powder        | Sweet Pickle                            |
| Sauce                        | Tea                                     |
| Self-Raising Flour           | Verrox Cubes                            |
| Soup Powder                  | Whisky                                  |
| Sugar                        | Yorkshire Pudding & Pancake<br>Mixture. |

(5) SLAUGHTER OF ANIMALS ACT, 1933.

Two main provisions are contained in this Act:-

1. All slaughtermen to be licenced.
2. All Animals (with certain exceptions) must be stunned with a mechanically operated instrument prior to slaughter. Sheep are exempt from the second provision unless included by resolution of the Local Authority. The Council have, however, a Bye-Law which forbids the slaughter of sheep without previous stunning.



Applications for Licences to slaughter were granted during the year:-

Licences to Slaughter - 4.  
Renewal of Licences to Slaughter - 26.

#### (6) PUBLIC HEALTH (MEAT) REGULATIONS, 1924-35.

The main provisions of these regulations are designed to secure (a) more adequate inspection of animals slaughtered in the country, and (b) improvements in the handling of transport and distribution of meat.

Market Stalls, Butchers Vans and other premises, where food is slaughtered, stored, or handled in any way, were regularly visited by the Inspectorial staff to ensure compliance with the Regulations.

For example, 23 Cottagers Pigs were killed during the year, some being slaughtered in the Corporation Slaughterhouse, but the majority on farms and other premises. This added greatly to the work of the Meat Inspector, whose duty it was to ensure that hygienic methods of slaughter and storage were obtained.

#### C o n c l u s i o n :-

The visits made to, and the types of factories and workshops in the Borough, are mentioned elsewhere in this Report. It is sufficient to say that it is always the endeavour of the Health Department staff to promote and secure adequate and improved sanitary accommodation in workshops and factories in the town. Regular inspection is made and defects remedied as quickly as possible despite war-time restrictions.

Personal contact with the owners and managers upon these matters is most essential and I am happy to report that cordial relations exist between the Inspectorial staff and those responsible for running the businesses which fall within the scope of the Factory Act, 1937.

There is now only one outworker in the town and regular inspection is made of the premises upon which such outwork is carried out. No cases of infectious disease has been associated with outworkers in the Borough during the year 1941-1942.

Bakehouses received systematic inspection to ensure that food is being hygienically handled and to encourage the premises being kept in a cleanly state at all times.

Offices now come within the scope of the Sanitary Inspectors duties and, although regularly visited, no cause for complaint was found during the year.

It is considered opportune to mention that Nos. 1 to 12 Baker Terrace came in for special attention in the year. It was found necessary to serve notices upon the owners of the property to carry out new drainage works, the paving of yards, and fixing of slop sinks indoors, properly fitted with wastes and gullies for carrying off waste water. It is my pleasure to report that these works have been well executed and, in addition, a water supply has been laid on to each house, thus substantially improving the conditions existing at these properties.



## S E C T I O N F.

## PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

## GENERAL.

1942 was more fortunate as regards the notification and deaths of Diphtheria cases. The number of notifications was half the previous year's (1941 - 300 cases, 20 deaths; 1942 - 145, 5 deaths). Whooping Cough was not as prevalent as in 1941, and there were no deaths. Scarlet Fever was slightly higher than in the previous year but, as against this higher figure, there was no death from this disease as in 1941. The Table given below indicates the relative frequency of notifiable diseases in the period 1936-1942 inclusive:-

|                        | 1942.        |             | 1941.        |             | 1940.        |             | 1939.            |             | 1938.            |             | 1937.        |             | 1936.        |             |
|------------------------|--------------|-------------|--------------|-------------|--------------|-------------|------------------|-------------|------------------|-------------|--------------|-------------|--------------|-------------|
|                        | No. Notified | No. Deaths. | No. Notified | No. Deaths. | No. Notified | No. Deaths. | No. Notified     | No. Deaths. | No. Notified     | No. Deaths. | No. Notified | No. Deaths. | No. Notified | No. Deaths. |
| Smallpox               | Nil          | -           | Nil          | -           | Nil          | -           | Nil              | -           | Nil              | -           | Nil          | -           | Nil          | -           |
| Scarlet Fever          | 65           | -           | 24           | 1           | 30           | -           | 95               | 1           | 128              | -           | 129          | -           | 96           | -           |
| Diphtheria             | 145          | 5           | 300          | 20          | 44           | -           | 63               | 5           | 36               | 4           | 37           | 1           | 65           | 1           |
| Erysipelas             | 7            | -           | 10           | -           | 16           | -           | 34               | -           | 33               | 2           | 19           | 3           | 21           | 1           |
| Paraox Typhoid Fever   | Nil          | -           | Nil          | -           | Nil          | -           | 3                | -           | 2                | -           | Nil          | -           | 1            | 1           |
| Pneumonia              | 55           | 10          | 39           | 23          | 68           | 26          | 45               | 14          | 44               | 16          | 76           | 27          | 64           | 18          |
| Puer. Pyrexia          | 4            | 2           | 6            | -           | 9            | 2           | 7                | -           | 7                | 1           | 10           | 2           | 8            | -           |
| Cerebro-Spinal Fever   | 3            | 2           | 7            | 1           | 3            | -           | Nil              | -           | 2                | 1           | 1            | -           | 2            | -           |
| Acute Poliomyelitis    | Nil          | -           | Nil          | -           | 1            | -           | 1                | -           | Nil              | -           | Nil          | -           | 1            | -           |
| Acute Enceph. Letharg. | Nil          | -           | Nil          | -           | Nil          | -           | -                | -           | 1                | 1           | 1            | 2           | -            | 2           |
| Dysentery              | 1            | -           | 1            | -           | 18           | 2           | 6                | -           | 1                | -           | -            | -           | -            | -           |
| Ophth. Neonatorum      | 5            | -           | 5            | -           | 3            | -           | 2                | -           | 2                | -           | 2            | -           | 1            | 1           |
| Tuberculosis (Resp.)   | 38           | 25          | 44           | 17          | 38           | 31          | 47               | 24          | 38               | 20          | 35           | 16          | 36           | 28          |
| " (Other)              | 8            | 6           | 13           | 3           | 11           | 4           | 15               | 7           | 10               | 5           | 14           | 6           | 14           | 8           |
| Malaria                | Nil          | -           | Nil          | -           | Nil          | -           | Nil              | -           | Nil              | -           | Nil          | -           | 1            | -           |
| Whooping Cough         | 79           | -           | 299          | 4           | 6            | -           | 4                | -           | (Not Notifiable) |             |              |             |              |             |
| Measles                | 912          | 2           | 77           | 1           | 751          | 2           | (Not Notifiable) |             |                  |             |              |             | -            | -           |
| Food Poisoning         | 5            | -           | 8            | -           | Nil          | -           | Nil              | -           | Nil              | -           | Nil          | -           | Nil          | -           |

## Age Incidence of Notifiable Diseases, 1942.

| Disease.       | Under 1 year. | 1 to 2. | 2 to 3. | 3 to 4. | 4 to 5. | 5 to 10. | 10 to 15. | 15 to 25. | 25 to 35. | 35 to 45. | 45 to 55. | 55 to 65. | Over 65. | Total. |
|----------------|---------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------|
| Scarlet Fever  | -             | 1       | 2       | 5       | 5       | 30       | 15        | 5         | 1         | 1         | -         | -         | -        | 65.    |
| Diphtheria     | -             | -       | 8       | 11      | 8       | 63       | 26        | 21        | 8         | -         | -         | -         | -        | 145.   |
| Erysipelas     | -             | -       | -       | -       | -       | -        | -         | -         | -         | 3         | 3         | 1         | 1        | 7.     |
| T.B. (Pul.)    | -             | -       | -       | -       | -       | 1        | 3         | 14        | 7         | 3         | 7         | 1         | 2        | 38.    |
| " (Other)      | 1             | -       | -       | 2       | 1       | -        | -         | 2         | -         | 1         | 1         | -         | -        | 8.     |
| Pneumonia      | 1             | 3       | -       | 2       | 2       | 9        | 1         | 7         | 6         | 10        | 5         | 9         | -        | 55.    |
| Ophth. Neon.   | 5             | -       | -       | -       | -       | -        | -         | -         | -         | -         | -         | -         | -        | 5.     |
| Puer. Pyrexia  | -             | -       | -       | -       | -       | -        | -         | 1         | 3         | -         | -         | -         | -        | 4.     |
| E.C.S.M.       | 2             | -       | -       | -       | -       | -        | 1         | -         | -         | -         | -         | -         | -        | 3.     |
| Whooping Cough | 9             | 12      | 16      | 14      | 8       | 19       | 1         | -         | -         | -         | -         | -         | -        | 79.    |
| Measles        | 50            | 86      | 114     | 137     | 135     | 371      | 16        | 1         | 2         | -         | -         | -         | -        | 912.   |
| Dysentery      | -             | -       | -       | -       | -       | -        | -         | -         | 1         | -         | -         | -         | -        | 1.     |
| Food Poisoning | -             | -       | -       | -       | -       | 1        | -         | -         | 2         | 2         | -         | -         | -        | 5.     |
|                | 68            | 102     | 140     | 171     | 159     | 494      | 63        | 51        | 30        | 18        | 16        | 12        | 3        | 1,327. |



DIPHTHERIA.

The notification of Diphtheria during 1942 was half that of the previous year. The Table set out below gives comparison with recent years:-

|                      | 1936. | 1937. | 1938. | 1939. | 1940. | 1941. | 1942. |
|----------------------|-------|-------|-------|-------|-------|-------|-------|
| No. of Notifications | 65    | 37    | 36    | 63    | 44    | 300   | 145   |
| " " Deaths           | 1     | 1     | 4     | 5     | 3     | 20    | 5     |
| Fatality Rate        | 1.5%  | 2.7%  | 11.1% | 7.9%  | 6.8%  | 6.7%  | 3.4%  |

I give below a Table recording the age-groups of cases of Diphtheria during 1942:-

| Age Groups.   | No. of Cases. | No. of Deaths. | Fatality Rate.                  |
|---------------|---------------|----------------|---------------------------------|
| 0-1 years     | -             | -              | (27 cases<br>3 deaths)<br>11.1% |
| 1-2 "         | -             | -              |                                 |
| 2-3 "         | 8             | 1              |                                 |
| 3-4 "         | 11            | 2              |                                 |
| 4-5 "         | 8             | -              | 3.2%                            |
| 5-10 "        | 63            | 2              |                                 |
| 10-15 "       | 26            | -              | -                               |
| Over 15 years | 29            | -              | -                               |
| TOTALS        | 145           | 5              | 3.4%                            |

The 5 to 10 age group was the most seriously affected as regards notifications of cases, but the fatality rate in the 0 to 5 years was much greater.

|                             | Treated<br>in<br>Hospital. | Treated<br>at<br>Home. | TOTAL. |
|-----------------------------|----------------------------|------------------------|--------|
| Diphtheria Cases            | 139                        | 6                      | 145    |
| Convalescent Carriers (VT+) | 19                         | 1                      | 20     |
| Healthy Carriers (VT+)      | 18                         | Nil                    | 18     |

The general policy was to isolate in Hospital all cases and virulent carriers, but where suitable conditions existed, a few patients were treated at home.

FOOD POISONING OUTBREAK.

There were two small outbreaks of Food Poisoning during 1942. The first outbreak commenced in July, and the following report was sent to the Ministry of Health and to the various Medical Officers of Health of the districts which the report covers:-

"On the 9th July, 1942, it was reported that food-poisoning had occurred in 3 members of a Blyth family. One patient had been admitted to hospital. Investigations revealed that boiled ham, sold locally, had been consumed by four households from which 11 individuals, within a few hours, developed symptoms varying in severity, and that two persons suffered no ill-effects after eating the ham. Also, members of 4 families living in Gateshead were affected after meals from the same



piece of ham. The Medical Officer of Health of Gateshead, who carried out the necessary investigations there, was informed. Pathological specimens from 10 of the 11 Blyth patients and all the remains of the ham which could be found were sent for bacteriological examination. It was learnt that the ham had been obtained from a Newcastle firm from whose warehouse, ham, considered to be the cause of food-poisoning in another district, was also obtained.

These facts were communicated to the Medical Officer of Health for Newcastle, who took suitable actions regarding ham remaining in the possession of the firm mentioned. The Laboratory reports of the Pathological and Food Samples from Newcastle, Gateshead and Blyth, although inconclusive, suggested that the hams had been contaminated and on consumption had conveyed to the patients bacterial toxins which had given rise to the symptoms. All the patients recovered. The Regional Medical Officer of the Ministry of Health has been kept informed of the results of the investigation."

The second outbreak, which took place in December, occurred in a Blyth family. Mice were suspected as being the cause of this outbreak, but extensive investigation failed to detect the source of food contamination which gave rise to this condition.

#### DIPHTHERIA IMMUNISATION.

##### State of Immunisation at the end of 1942.

|               | Estimated<br>child population. | Number fully<br>Immunised. | Percentage. |
|---------------|--------------------------------|----------------------------|-------------|
| Under 5 years | 2,559                          | 1,205                      | 47%         |
| 5-15 years    | 4,800                          | 3,597                      | 75%         |
| TOTAL.        | 7,359                          | 4,802                      | 65%         |

It is gratifying to note that 1942, produced a higher percentage of children immunised than in the previous four years.

It is regrettable that, despite the propaganda efforts of the Health Department, and the constant urging on the part of the Health Visitors, the mothers of children under 5 years of age still do not bring their children for Immunisation so readily as one would wish; and it will be noted that of the 5 deaths which occurred during the period under review, three of them fall within the age group 1-5 in which 27 cases were reported, whereas only 2 deaths occurred out of the remaining 118 cases reported; thus, the mortality rate was approximately 11.0% in the case of children under 5 years and less than 2% in the case of children in the age group 5-15 years.

It should be noted, however, that the figures of Immunisation for 1942, include approximate estimates of children treated by their own Doctors.

The undermentioned Table gives the number of children who received First Doses and Completed Treatment (at Municipal Clinic) during 1942:-



|                     | Children under<br>School age. | School Children. |
|---------------------|-------------------------------|------------------|
| First Doses         | 783                           | 936              |
| Completed Treatment | 743                           | 889              |

Total number of children completely immunised during 1942 = 1,632.

Of the five deaths from Diphtheria during 1942, none were immunised, and only 23 fully immunised children developed clinical symptoms out of a total of 145 cases notified during the year.

Propaganda - Posters and pamphlets were both used freely during 1942.

Early in the year the "Birthday Letter" Scheme was put into operation. This consisted of referring to the list of Births and sending out letters advising parents to give their children a worthwhile Birthday Present, i.e. Immunisation when the child reached the age of 1 year.

#### TUBERCULOSIS.

I give below Table concerning cases of Tuberculosis during 1942:-

|              | NEW CASES.   |    |                  |   | DEATHS.      |    |                  |   |
|--------------|--------------|----|------------------|---|--------------|----|------------------|---|
|              | Respiratory. |    | Non-Respiratory. |   | Respiratory. |    | Non-Respiratory. |   |
|              | M            | F  | M                | F | M            | F  | M                | F |
| 0-1          | -            | -  | 1                | - | -            | -  | 1                | - |
| 1-5          | -            | -  | 1                | 2 | 1            | -  | -                | - |
| 5-15         | 1            | 3  | -                | - | 1            | -  | -                | - |
| 15-25        | 8            | 6  | -                | 2 | 3            | 5  | 1                | 2 |
| 25-35        | 2            | 5  | -                | 1 | 2            | 2  | -                | - |
| 35-45        | 3            | 1  | -                | 1 | -            | 2  | -                | - |
| 45-55        | 4            | 2  | 1                | - | 2            | 1  | -                | - |
| 55-65        | -            | 1  | -                | - | 2            | 2  | -                | - |
| Over 65      | 1            | 1  | -                | - | 1            | 1  | -                | - |
| No age given | 1            | -  | -                | - | -            | -  | -                | - |
| TOTALS       | 20           | 19 | 3                | 6 | 12           | 13 | 4                | 2 |

Although the new cases show a decrease of 9 when compared with the previous year's, the deaths have increased by 11.



OVERCROWDING SURVEY - "HOUSING ACT" 1976.

APPENDIX A.

1942.

| WARD                | BESSIDE       |       | CROFT         |       | DELAVAL       |       | PLESSEY       |       | RIDLEY        |       | WATERLOO      |       | WHOLE BOROUGH<br>COUNCIL HOUSES<br>WITHOUT<br>OR<br>CLEARANCE<br>AREAS. |       | ALL<br>COUNCIL<br>HOUSES<br>IN<br>BOROUGH |       | WHOLE<br>BOROUGH. |       |
|---------------------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---|-------|---|-------|-------------------|-------|
|                     | Hold-<br>ings | %     | Hold-<br>ings | %     | Hold-<br>ings | %     | Hold-<br>ings | %     | Hold-<br>ings | %     | Hold-<br>ings | %     | Hold-<br>ings   | %     | Hold-<br>ings                             | %     | Hold-<br>ings     | %     |
| O/C<br>U/C<br>TOTAL | B.            |       | C.            |       | D.            |       | P.            |       | R.            |       | W.            |       | ALL CLEARANCE<br>AREA HOLDINGS<br>IN BOROUGH.                           |       |   |       |                   |       |
|                     | 36            | 6.5   | 62            | 4.99  | 8             | 2.6   | 27            | 3.0   | 20            | 1.14  | 38            | 2.24  | 191   | 2.95  |   |       |                   |       |
|                     | 514           | 93.5  | 1185          | 95.01 | 300           | 97.4  | 879           | 97.0  | 1740          | 98.86 | 1656          | 97.76 | 6274  | 97.05 |   |       |                   |       |
| O/C<br>U/C<br>TOTAL | B.S.          |       | C.Sv          |       | D.S.          |       | P.S.          |       | R.S.          |       | W.S.          |       |   |       |   |       |                   |       |
|                     | 45            | 13.31 | 23            | 14.93 | 9             | 11.89 | 28            | 21.74 | 19            | 13.97 | 14            | 10.22 | 138   | 14.27 |   |       |                   |       |
|                     | 293           | 86.69 | 131           | 85.07 | 67            | 88.11 | 98            | 78.26 | 117           | 86.03 | 123           | 89.78 | 829   | 85.73 |   |       |                   |       |
| O/C<br>U/C<br>TOTAL | B.M.          |       | C.M.          |       | D.M.          |       | P.M.          |       | R.M.          |       | W.M.          |       |   |       |   |       |                   |       |
|                     | 3             | 7.31  | 18            | 4.94  | 1             | .26   | 33            | 3.07  |               |       |               |       |   |       | 55  | 2.94  |                   |       |
|                     | 41            | 92.69 | 346           | 95.06 | 382           | 99.74 | 1042          | 96.93 |               |       | 5             | 100.0 |   |       | 1813                                      | 97.06 |                   |       |
| O/C<br>U/C<br>TOTAL | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Borough<br>WITHOUT<br>COUNCIL HOUSES<br>SUM TOTAL.                |       | COUNCIL<br>HOUSES<br>SUM<br>TOTAL.        |       | SUM TOTAL.        |       |
|                     | 84            | 9.04  | 103           | 5.86  | 18            | 2.34  | 88            | 4.18  | 39            | 2.06  | 52            | 2.83  | 329   | 4.42  | 55  | 2.94  | 384               | 4.12  |
|                     | 845           | 90.96 | 1662          | 94.14 | 749           | 97.66 | 2019          | 95.82 | 1857          | 97.94 | 1784          | 97.17 | 7103  | 95.58 | 1813                                      | 97.06 | 8916              | 95.88 |
| O/C<br>U/C<br>TOTAL | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Ward.   |       | Whole Borough<br>WITHOUT<br>COUNCIL HOUSES<br>SUM TOTAL.                |       | COUNCIL<br>HOUSES<br>SUM<br>TOTAL.        |       | SUM TOTAL.        |       |
|                     | 929           | 100%  | 1765          | 100%  | 767           | 100%  | 2107          | 100%  | 1896          | 100%  | 1836          | 100%  | 7432  | 100%  | 1868                                      | 100%  | 9300              | 100%  |
|                     |               |       |               |       |               |       |               |       |               |       |               |       |   |       |   |       |                   |       |

KEY:- O/C = Overcrowded; U/C = Uncrowded.  
B.S. = Bebside Slum; B.M. = Bebside Municipal.



# REPORT ON OVERCROWDING SURVEY - BOROUGH OF BLYTH 1942.

## APPENDIX E.

| FAMILIES  | NUMBER OF FAMILIES CONTAINING THE EQUIVALENT NUMBER OF PERSONS SHOWN AT THE HEAD OF EACH COLUMN |                 |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | TOTAL               | OVER-<br>CRO. DED | % OVER-<br>CRO. DED | BORDERLINE<br>CASES. |
|---|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|---------------------|-------------------|---------------------|----------------------|
|   | Up<br>to<br>1.  | 1½<br>and<br>2. | 2½<br>and<br>3. | 3½<br>and<br>4. | 4½<br>and<br>5. | 5½<br>and<br>6. | 6½<br>and<br>7. | 7½<br>and<br>8. | 8½<br>and<br>9. | 9½<br>and<br>10. | 10½<br>and<br>11. | 11½<br>and<br>12. | 12½<br>and<br>over. |                   |                     |                      |
| NUMBER OF UNITS   | 1.  | 2.              | 3.              | 4.              | 5.              | 6.              | 7.              | 8.              | 9.              | 10.              | 11.               | 12.               | over.               |                   |                     |                      |
| TOTAL FAMILIES  | 674   | 2478            | 2933            | 1744            | 852             | 781             | 151             | 60              | 16              | 4                | 4                 | 3                 | -                   | 9300              |                     | 364                  |
| NO. OF OVERCROWDED<br>FAMILIES IN THE<br>PREVIOUS LINE                      | -   | -               | 17              | 116             | 63              | 98              | 48              | 28              | 11              | 2                | 1                 | -                 | -                   |                   | 784                 | 4.12                 |
| DWELLINGS.  | NUMBER OF DWELLINGS WITH THE "PERMITTED NUMBER" SHOWN AT THE HEAD<br>OF EACH COLUMN.            |                 |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                     |                   |                     |                      |
| PERMITTED NUMBERS   | Up<br>to<br>1.  | 1½<br>and<br>2. | 2½<br>and<br>3. | 3½<br>and<br>4. | 4½<br>and<br>5. | 5½<br>and<br>6. | 6½<br>and<br>7. | 7½<br>and<br>8. | 8½<br>and<br>9. | 9½<br>and<br>10. | 10½<br>and<br>11. | 11½<br>and<br>12. | 12½<br>and<br>over. |                   |                     |                      |
| TOTAL DWELLINGS<br>NO. OF DWELLINGS<br>OVERCROWDED IN<br>THE PREVIOUS LINE. | 1   | 142             | 1140            | 79              | 2143            | 951             | 966             | 1309            | 709             | 346              | 235               | 71                | 188                 | 9300              |                     | 784                  |

"Persons" means "Units" i.e.,  
i.e. - Adults = 1 Unit.  
Children under 10 years of age = ½ Unit.  
Children under 12 months not counted.

| TABLE SHOWING OVERCROWDING<br>FIGURES FOR SUCCESSIVE<br>YEARS. |                             |                        |
|--|-----------------------------|------------------------|
| Year.  | Number<br>Over-<br>Crowded. | %<br>Over-<br>Crowded. |
| 1935   | 985                         | 10.99                  |
| 1936   | 867                         | 9.14                   |
| 1937   | 564                         | 5.93                   |
| 1938   | 489                         | 5.12                   |
| 1939   | 378                         | 3.93                   |
| 1940   | 322                         | 3.35                   |
| 1941   | 420                         | 4.47                   |
| 1942   | 384                         | 4.12                   |

Each Hold-  
ing con-  
stitutes a  
"Dwelling"



## BACTERIOLOGICAL EXAMINATION OF MILK.

## APPENDIX C.

| Sample No. | FROM LOCAL FARMS.   |  | FROM FARMS OUTSIDE BLYTH.   |  | Tubercle Bacilli Examination. |
|------------|---|--|---|--|-------------------------------|
|            | Methylene Blue Test. Reduction Time in Hours. "S" Satisfied Test. | Coliform Test. No. of Tubes of 0.01 m.l. showing presence of Coliform Bacilli. | Methylene Blue Test. Reduction Time in Hours. "S" Satisfied Test. | Coliform Test. No. of Tubes of 0.01 m.l. showing presence of Coliform Bacilli. |                               |
| 1          | -   | Nil.   | -   | Nil.   | Neg.                          |
| 2          | -   | Nil.   | -   | 3.   | Neg.                          |
| 3          | -   | Nil.   | -   | 1.   | -                             |
| 4          | -   | Nil.   | "S"   | 1.   | "S"                           |
| 5          | -   | Nil.   | "S"   | Nil.   | "S"                           |
| 6          | -   | Nil.   | "S"   | Nil.   | "S"                           |
| 8          | -   | Nil.   | "S"   | Nil.   | "S"                           |
| 9          | -   | Nil.   | "S"   | Nil.   | "S"                           |
| 10         | -   | Nil.   | "S"   | Nil.   | -                             |
| 11         | -   | Nil.   | "S"   | 3.   | -                             |
| 27         | "S"   | Nil.   | 5½  | Nil.   | Neg.                          |
| 28         | "S"   | Nil.   | 3½  | 3.   | Neg.                          |
| 30         | "S"   | Nil.   | 1   | 3.   | Neg.                          |
| 31         | "S"   | 3.   | 3   | 3.   | Neg.                          |
| 32         | "S"   | Nil.   | 1   | 3.   | Neg.                          |
| 33         | "S"   | Nil.   | 1   | 3.   | Neg.                          |
| 35         | "S"   | Nil.   | "S"   | Nil.   | Present+                      |
| 36         | 5½  | Nil.   | 5   | 3  | Neg.                          |
| 37         | "S"   | Nil.   | "S"   | Nil.   | Neg.                          |
| 38         | "S"   | Nil.   | "S"   | Nil.   | Neg.                          |
| 39         | "S"   | Nil.   | 1   | 3.   | Neg.                          |
| 40         | 1   | Nil.   | "S"   | Nil.   | Neg.                          |
| 72         | "S"   | Nil.   | 5½  | 3.   | Neg.                          |
| 73         | "S"   | Nil.   | 5   | 3.   | Neg.                          |
| 74         | "S"   | Nil.   | "S"   | Nil.   | Neg.                          |
| 75         | "S"   | Nil.   | 3   | Nil.   | Neg.                          |
| 76         | "S"   | Nil.   | 4½  | 3.   | Neg.                          |
| 77         | "S"   | 5.   | 3½  | 3.   | Neg.                          |
| 78         | "S"   | Nil.   | "S"   | Nil.   | Present+                      |
| 12         | -   | Nil.   | -   | Nil.   | Neg.                          |
| 14         | -   | 3.   | -   | 3.   | Neg.                          |
| 17         | -   | 1.   | -   | 1.   | -                             |
| 18         | "S"   | 1.   | "S"   | 1.   | "S"                           |
| 19         | "S"   | Nil.   | "S"   | Nil.   | "S"                           |
| 20         | "S"   | Nil.   | "S"   | Nil.   | "S"                           |
| 21         | "S"   | Nil.   | "S"   | Nil.   | "S"                           |
| 22         | "S"   | Nil.   | "S"   | Nil.   | "S"                           |
| 23         | "S"   | Nil.   | "S"   | Nil.   | "S"                           |
| 24         | "S"   | 3.   | "S"   | 3.   | -                             |
| 25         | 5½  | Nil.   | 5½  | Nil.   | "S"                           |
| 26         | 3½  | 3.   | 3½  | 3.   | -                             |
| 42         | 1   | 3.   | 1   | 3.   | -                             |
| 43         | 3   | 3.   | 3   | 3.   | -                             |
| 44         | 1   | 3.   | 1   | 3.   | -                             |
| 45         | 1   | 3.   | 1   | 3.   | -                             |
| 46         | "S"   | Nil.   | "S"   | Nil.   | Present+                      |
| 47         | 5   | 3  | 5   | 3  | Neg.                          |
| 48         | "S"   | Nil.   | "S"   | Nil.   | Neg.                          |
| 49         | "S"   | Nil.   | "S"   | Nil.   | Neg.                          |
| 50         | 1   | 3.   | 1   | 3.   | Neg.                          |
| 51         | "S"   | Nil.   | "S"   | Nil.   | Neg.                          |
| 52         | 5½  | 3.   | 5½  | 3.   | Neg.                          |
| 53         | 5   | 3.   | 5   | 3.   | Neg.                          |
| 54         | "S"   | Nil.   | "S"   | Nil.   | Neg.                          |
| 55         | 3   | Nil.   | 3   | Nil.   | Neg.                          |
| 56         | 4½  | 3.   | 4½  | 3.   | Neg.                          |
| 57         | 3½  | 3.   | 3½  | 3.   | Neg.                          |
| 58         | "S"   | Nil.   | "S"   | Nil.   | Present+                      |



TABLES (CONTD.)

| Sample No. | FROM LOCAL FARMS  |   | Tubercle Bacilli Examination. |
|------------|---|---|-------------------------------|
|            | Methylene Blue Test. Reduction Time in Hours. "S" Satisfied Test. | Coliform Test. No. of Tubes of 0.01 m.l. showing presence of Coliform Bacilli | "S" Satisfied Test.           |
| 79         | "S"   | Nil.  | "S"                           |
| 80         | 3   | 1.  | "S"                           |
| 81         | "S"   | 3.  | "S"                           |
| 82         | $\frac{1}{2}$   | 1.  | "S"                           |
| 111        | 1   | -   | -                             |
| 112        | "S"   | -   | Neg.                          |
| 113        | "S"   | -   | Neg.                          |
| 114        | "S"   | -   | Neg.                          |
| 115        | "S"   | -   | Neg.                          |
| 116.       | "S"   | -   | Neg.                          |
| 117        | "S"   | -   | Neg.                          |
| 118        | $\frac{1}{2}$   | -   | Neg.                          |
| 119        | "S"   | -   | Neg.                          |
| 120        | "S"   | -   | Neg.                          |
| 122        | $\frac{1}{2}$   | -   | Neg.                          |
| 142        | "S"   | -   | Neg.                          |
| 143        | "S"   | -   | Neg.                          |
| 144        | "S"   | -   | Neg.                          |
| 145        | "S"   | -   | Neg.                          |
| 147        | "S"   | -   | Neg.                          |
| 148        | "S"   | -   | Neg.                          |
| 149        | 4   | -   | Neg.                          |
| 150        | "S"   | -   | Neg.                          |
| 162        | "S"   | -   | Neg.                          |

| Sample No. | FROM OUTSIDE FARMS.   |  | Tubercle Bacilli Examination. |
|------------|---|--|-------------------------------|
|            | Methylene Blue Test. Reduction Time in Hours. "S" Satisfied Test. | Coliform Test. No. of Tubes of 0.01 m.l. showing presence of Coliform Bacilli. | "S" Satisfied Test.           |
| 60         | $\frac{1}{2}$   | 3.   | -                             |
| 61         | 5   | 2.   | -                             |
| 62         | "S"   | Nil.   | "S"                           |
| 63         | "S"   | 1.   | "S"                           |
| 64         | $\frac{1}{2}$   | 1.   | "S"                           |
| 65         | $\frac{1}{2}$   | Nil.   | "S"                           |
| 66         | $\frac{1}{2}$   | Nil.   | "S"                           |
| 67         | $\frac{1}{2}$   | 2.   | -                             |
| 68         | 3   | Nil.   | "S"                           |
| 69         | 1   | Nil.   | "S"                           |
| 70         | "S"   | Nil.   | "S"                           |
| 71.        | "S"   | Nil.   | "S"                           |
| 84         | 1.  | 3.   | -                             |
| 85         | 1   | 3.   | -                             |
| 86         | $\frac{1}{2}$   | 3.   | -                             |
| 87         | 1   | 3.   | -                             |
| 88         | Immediate.  | 3.   | -                             |
| 89         | $\frac{1}{2}$   | 3.   | "S"                           |
| 90         | $\frac{1}{2}$   | 1.   | -                             |
| 91         | 2   | 3.   | -                             |
| 92         | $\frac{1}{2}$   | 3.   | -                             |
| 93         | Sour on arrival   | -  | -                             |
| 94         | 1   | 3.   | -                             |
| 95         | "S"   | 2.   | -                             |

Neg.



# BACTERIOLOGICAL EXAMINATION OF PASTEURISED MILK.

| Sample No. | Number of Bacteria per m.l.   | "S" Satisfied Test.  | T.B. |
|------------|---|----------------------|------|
| 7          | 44,200  | "S"                  | -    |
| 13         | 92,000  | "S"                  | +    |
| 15         | 87,000 outside source   | "S"                  |      |
| 16         | 67,000 "  | "S"                  |      |
| 29         | 17,200  | "S"                  |      |
| 34         | 3,640   | "S"                  |      |
| 41         | 8,000   | "S"                  |      |
| 59         | 18,000  | "S"                  |      |
| 83         | 18,500  | "S"                  |      |
| 97         | Plates made from 0.001 c.c. uncountable                                   | Did not satisfy Test |      |
| 103        | Plates uncountable owing to contamination with surface spreading organism | No result            |      |
| 109        | 26,600 B. Coli not found in 1 m.l. Milk                                   | "S"                  |      |
| 110        | 38,000 B. Coli not found in 1 m.l. Milk                                   | "S"                  |      |
| 121        | 2,320   | "S"                  |      |
| 128        | 17,800  | "S"                  |      |
| 137        | 28,800  | "S"                  |      |
| 146        | 48,800  | "S"                  |      |
| 155        | 14,800  | "S"                  |      |
| 163        | 12,200  | "S"                  |      |

# BACTERIOLOGICAL EXAMINATION OF MILK FROM FARMS OUTSIDE THE BOROUGH (TABLE CONTD. FROM OVERLEAF).

| Sample No. | Methylene Blue Test. Reduction Time in Hours. "S" Satisfied Test. | Coliform Test. No. of Tubes of 0.01 m.l. showing presence of Coliform Bacilli | "S" Satisfied Test. | Tubercle Bacilli Examination. |
|------------|---|---|---------------------|-------------------------------|
| 96         | 2 1/2   | 3.  | -                   | -                             |
| 98         | 2 1/2   | 3.  | -                   | -                             |
| 99         | 2 1/2   | 3.  | -                   | -                             |
| 100        | 4 1/2   | 3.  | -                   | -                             |
| 101        | 5   | 3.  | -                   | -                             |
| 102        | 2   | 3.  | -                   | -                             |
| 123        | "S"   | -   | -                   | Neg.                          |
| 124        | 2 1/2   | -   | -                   | Neg.                          |
| 125        | 2 1/2   | -   | -                   | Neg.                          |
| 126        | 4 1/2   | -   | -                   | Neg.                          |
| 127        | "S"   | -   | -                   | Neg.                          |
| 129        | "S"   | -   | -                   | Neg.                          |
| 130        | "S"   | -   | -                   | Neg.                          |
| 131        | 3   | -   | -                   | Neg.                          |
| 132        | "S"   | -   | -                   | Neg.                          |
| 133        | 2 1/2   | -   | -                   | Neg.                          |
| 134        | 4 1/2   | -   | -                   | Neg.                          |
| 135        | 3   | -   | -                   | Neg.                          |
| 136        | 3   | -   | -                   | Neg.                          |
| 138        | 3   | -   | -                   | Neg.                          |
| 139        | 4 1/2   | -   | -                   | Neg.                          |
| 140        | 3   | -   | -                   | Neg.                          |
| 141        | "S"   | -   | -                   | Present+                      |
| 151        | "S"   | -   | -                   | Neg.                          |
| 152        | 3   | -   | -                   | Neg.                          |
| 153        | "S"   | -   | -                   | Neg.                          |
| 154        | 5 1/2   | -   | -                   | Present+                      |
| 155        | "S"   | -   | -                   | Neg.                          |
| 156        | "S"   | -   | -                   | Neg.                          |
| 157        | "S"   | -   | -                   | Neg.                          |
| 158        | "S"   | -   | -                   | Present+                      |
| 160        | "S"   | -   | -                   | Neg.                          |
| 161        | "S"   | -   | -                   | Neg.                          |



# NEW DELIVERIES TO VOLUNTARY CONTRIBUTORS

| DATE | NAME | AMOUNT | REMARKS | RECEIPT NO. |
|------|------|--------|---------|-------------|
| 1907 | ...  | ...    | ...     | ...         |
| 1908 | ...  | ...    | ...     | ...         |
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