

[Report 1942] / Medical Officer of Health, Bebington Borough.

Contributors

Bebington (England). Borough Council.

Publication/Creation

1942

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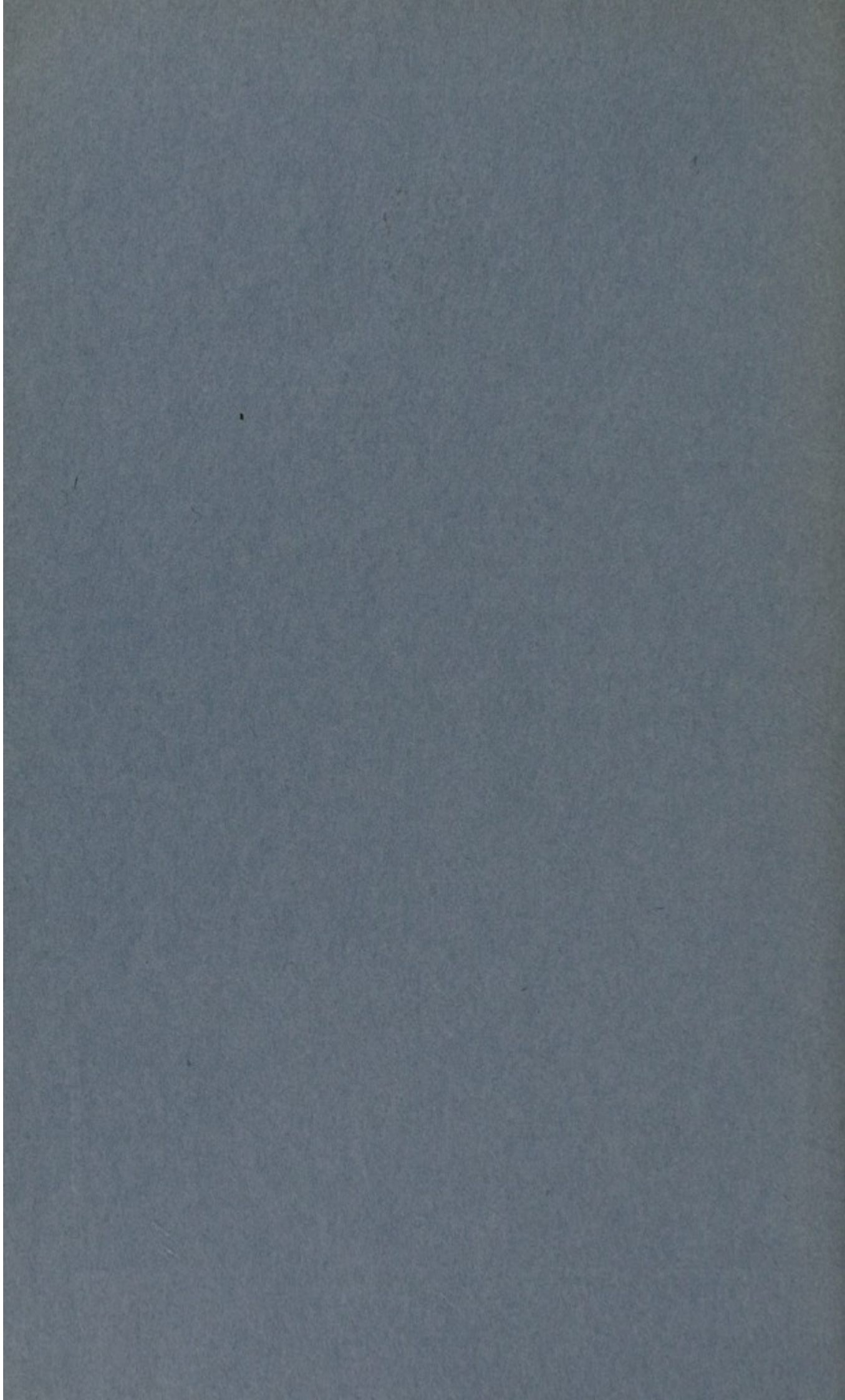


BOROUGH OF BEBINGTON

Annual Report
of the
Medical Officer of Health
for the year 1942

By D. O. MACDONALD, M.B., CH.B., D.P.H.,
R.C.P.S. (EDIN.), R.F.P.S., (EDIN. AND GLAS.)

Health Department,
Plymyard,
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Annual Report, 1942

*To His Worship the Mayor, Aldermen and Councillors
of the Corporation of Bebington.*

YOUR WORSHIP, LADIES AND GENTLEMEN,

I have the honour to submit my Annual Report for the year 1942.

In accordance with the request of the Ministry of Health this Report is again an interim one confined to essential statistics, with notes on certain points of importance in relation to the Public Health of the Borough which have arisen during the year.

The population of the Borough at my last reporting showed a decrease of 1,000, and this year shows an additional decrease of 100 and stands at the figure of 41,810. I consider the explanation for this is as in my last report—i.e., the continual movement of permanent population due to wartime conditions.

The Birth Rate for the Borough is still on the increase, and reads for this year 17.8, as opposed to 16.42 and 13.48 for the previous two years.

The Death Rate shows a decrease from 11.5 to 9.6.

The Infantile Mortality Rate gives a phenomenal and unprecedented figure for this year and stands at 28.07 in place of 52.06 per 1,000 births last year. The Infantile Mortality figure for England and Wales as a whole stands at 49.0.

The Maternal Mortality figure stands at nil, as there were no deaths registered in the Borough for this year of mothers per 1,000

births (live and still). The average figure for England and Wales for 1942 is 2.01. This figure is again phenomenal.

Regarding the scheme for Diphtheria Immunisation, there were 1,914 children of all ages up to 15 years immunised during the year 1942 (968 under 5 years, and 946 over 5 but under 15 years), as compared with the figure of 1,440 for 1941, showing an increased number of 474 immunisations carried out in 1942 over 1941. The figure of 1,914 children immunised during 1942 includes 1,199 children of all ages immunised at clinics during the year by your Medical Officer of Health, and so far as records show 13 children only were immunised by private doctors. I can only presume immunisation now being made so public and demanded, that the general practitioners must have immunised more, but have sent me no returns. It is noted that 17 adults were also immunised during the year.

Immunisation against the Enteric group of fevers is still afforded, but no advantage has been taken of it during the year 1942.

In continuation of the work under the Scabies Order, 1941, a battery of 6 baths was completed at Plymyard, which is in good working order. Treatment at the A.R.P. Cleansing Centre at Brackenwood is also afforded for this complaint, but owing to shortage of staff is not always available. During the year 1942, 180 cases were treated and 1,412 treatments given. These treatments have been carried out voluntarily by the Civil Defence full-time and part-time staff of the Mobile Unit Station at Plymyard. The Civil Defence staff at Brackenwood continue to carry out treatment, but on a very small scale owing to the "cut" (whole-time Civil Defence personnel) which took place in the First Aid Post at Brackenwood.

A diphtheria epidemic of unprecedented local magnitude began in a neighbouring authority towards the end of the year, and was dealt with 90% by the Wirral Joint Isolation Hospital and an Annexe Hospital within your Borough, but so far the Borough of Bebington cannot be said to have become infected to any notable degree, which I put down to the population of the Borough in its susceptible age group being much earlier immunised; also, so far as Bebington Borough was concerned, any question of the starting of a sympathetic epidemic

was carefully looked out for, and 251 swabs were taken from contacts of known cases. Had it not been, however, for the voluntary services of the Civil Defence nurses and First Aid Party men, full-time and part-time, of the Borough of Bebington, the Wirral Joint Isolation Hospital would not have been able to cope with the lately reached peak of the epidemic.

There was also an epidemic of measles which was the largest in numbers for several years, but fortunately it was not symptomatically severe but caused considerable disorganisation amongst workers in the Borough.

Conferences were held with local Medical Officers of Health during 1942 and a scheme was outlined and approved, and overall clothing obtained, in preparation for the control of typhus fever should it arise.

There are now two Wartime Nurseries in the Borough, the supervision and control of which add considerably to the work of the Health Department from an administration and secretarial point of view. These nurseries are at the time of going to press both working to capacity and are thoroughly appreciated by both the parents and the children.

In conclusion, I should like to express my thanks to the Chairman and members of the Health and Lighting Committee, also to the Chairman and members of the Maternity and Child Welfare Committee, for their interest and support throughout this year and include my expressions of appreciation to the members of the Public Health staff who continue to give of their best.

I am, Your Worship, Aldermen, Councillors, Ladies and Gentlemen,

Your obedient servant,

D. O. MACDONALD,

Medical Officer of Health.

PUBLIC HEALTH DEPARTMENT STAFF.

Medical Officer of Health: D. O. MACDONALD, M.B., Ch.B., D.P.H.,
R.C.P.S. (Edin.), R.F.P.S. (Edin. & Glas.)

Chief Sanitary Inspector: E. V. CRAPPER.

Assistant Sanitary Inspectors:

E. M. DUTTON.

A. DAVIDSON (with H.M. Forces).

W. H. THOMPSON.

C. HOWE (Temporary Sanitary Inspector in lieu of A. Davidson).

One van driver.

One drain tester.

One disinfector.

One shelter disinfector

Clerical Staff :

Managing Clerk: G. HALLIWELL (with H.M. Forces. Missing).

Acting Managing Clerkess: Miss K. DAVIES

Three shorthand typists.

One telephonist.

Maternity and Child Welfare Staff :

Senior Health Visitor: Miss A. OWEN.

Assistant Senior Health Visitor: Miss V. ELLERINGTON.

Two Asssistant Health Visitors. One shorthand-typist.

One Junior Clerkess (Vitamins, etc.).

Dr. J. B. Yeoman continues to deputise in the absence of the Medical Officer of Health. Dr. W. Mayne Farr acts in the absence of the Medical Officer of Health as deputy for Civil Defence Services.

Consultants :

Orthopædic Surgeon: T. HARTLEY MARTIN, M.B., Ch.B. (Liverpool).

Gynæcologist: MORRIS DATNOW, M.D., F.R.C.S. (Edin.).

Aural Surgeon: PHILIP GARSON, F.R.C.S. (Edin.), D.L.O.

Ophthalmic Surgeon: ERNEST ALLAN, M.B., Ch.B. (Edin.).

Pathologist: J. MORRISON RITCHIE, M.A., M.B., Ch.B., D.P.H. (Glas.)
(Birkenhead Municipal Laboratory).

Statistics and Social Conditions of the Area.

| | |
|--|--------------------|
| Area (in acres) | 12,244 |
| Estimated Resident Population (Mid Year, 1942) | 41,880 |
| Number of Inhabited Houses (end of 1942) | 12,634 |
| Rateable Value | £354,438 |
| Product of a Penny Rate | (estimated) £1,445 |

Births.

Number of Live Births :—

| | Male. | Female. | Total. |
|--------------------|-------|---------|--------|
| Legitimate | 364 | 348 | 712 |
| Illegitimate | 16 | 20 | 36 |
| Total | 380 | 368 | 748 |

Number of Still Births :—

| | Male. | Female. | Total. |
|--------------------|-------|---------|--------|
| Legitimate | 13 | 9 | 22 |
| Illegitimate | 1 | — | 1 |
| Total | 14 | 9 | 23 |

Total Number of Births (Live and Still) :—

| Male. | Female. | Total. |
|-------|---------|--------|
| 394 | 377 | 771 |

Deaths.

| Male. | Female. | Total. |
|-------|---------|--------|
| 205 | 198 | 403 |

Deaths from:—

| | |
|--------------------------------------|----|
| Puerperal Sepsis..... | — |
| Other Puerperal Causes | — |
| All Puerperal Causes | — |
| Typhoid and Paratyphoid Fevers | — |
| Measles | 2 |
| Whooping Cough..... | — |
| Scarlet Fever | 1 |
| Diphtheria | 1 |
| Influenza | 3 |
| Diarrhœa (under 2 years) | 4 |
| Cancer | 74 |
| Deaths due to Enemy Action | — |
| All other Violent Causes | 23 |

Deaths (under 1 year):—

| | Male. | Female. | Total. |
|--------------------|-------|---------|--------|
| Legitimate | 14 | 5 | 19 |
| Illegitimate | 2 | — | 2 |
| Total | 16 | 5 | 21 |

Birth Rates and Death Rates, 1942.

| | Bebington. | England. & Wales. | 126 C.B. & Gt. Towns (inc. London). | 148 Smaller Towns (Pop. 25-50,000 1931 census) |
|--------------------------------------|------------|----------------------|---|---|
| Rates per 1,000 Civilian Population. | | | | |
| Live Births | 17.8 | 15.8 | 17.3 | 18.4 |
| Still Births | 0.55 | 0.54 | 0.66 | 0.62 |
| DEATHS (ALL CAUSES) | 9.6 | 11.6 | 13.3 | 12.1 |
| Typhoid & Paratyphoid | — | — | — | — |
| Smallpox | — | — | — | — |
| Measles | 0.04 | 0.01 | 0.02 | 0.01 |
| Scarlet Fever | 0.02 | 0.00 | 0.00 | 0.00 |
| Whooping Cough | 0.00 | 0.02 | 0.03 | 0.02 |
| Diphtheria | 0.02 | 0.05 | 0.06 | 0.04 |
| Influenza | 0.06 | 0.09 | 0.09 | 0.10 |

| | Rates per 1,000 Live Births. | | | |
|---|------------------------------|-------|------|-----------------------|
| Deaths under 1 year of age | 28.07 | ..... | 49.0 | 59.0 46.0 |
| Deaths from Diarrhœa and Enteritis under 2 years of age | 5.3 | ..... | 5.2 | 7.5 4.8 |

| | | |
|-----------------------|-----|---------------------------|
| Maternal Mortality :— | | Figures not communicated. |
| Puerperal Sepsis | Nil | |
| Others | Nil | |
| Total | Nil | |

| | Rates per 1,000 Total Births (Live and Still). | | |
|-----------------------|--|------|---------------------|
| Maternal Mortality :— | | | |
| Puerperal Infection | Nil | 0.42 | Figures not |
| Others | Nil | 1.59 | communicated. |
| Total | Nil | 2.01 | |

Death Rate of Infants under 1 year.

| | |
|---|-------|
| All Infants per 1,000 Total Live Births | 28.07 |
| Legitimate Infants per 1,000 Total Live Legitimate Births | 26.6 |

Comparative Rates.

| | Bebington, 1941. | Bebington, 1942. | England and Wales, 1942. |
|--------------------------|---------------------|---------------------|-----------------------------|
| Birth Rate (Live Births) | 16.42 | 17.8 | 15.8 |
| Death Rate | 11.5 | 9.6 | 11.6 |
| Infant Mortality Rate | 52.6 | 28.07 | 49.0 |
| Maternal Mortality Rate | 1.41 | Nil | 2.01 |

Causes of Death.

Based on Registrar General's Short List of Causes of Death.

| All Causes. | M. | F. | Total. |
|---|-----|-----|--------|
| 1. Typhoid and Paratyphoid Fevers | — | — | — |
| 2. Cerebro-spinal Fever | — | 1 | 1 |
| 3. Scarlet Fever | 1 | — | 1 |
| 4. Whooping Cough | — | — | — |
| 5. Diphtheria | 1 | — | 1 |
| 6. Tuberculosis of Respiratory System ... | 11 | 6 | 17 |
| 7. Other forms of Tuberculosis... .. | 1 | 3 | 4 |
| 8. Syphilitic Diseases | 1 | — | 1 |
| 9. Influenza... .. | 2 | 1 | 3 |
| 10. Measles | 2 | — | 2 |
| 11. Acute polio-myelitis and polio-encephalitis | — | — | — |
| 12. Acute inf. encephalitis | — | — | — |
| 13m Cancer of Buccal Cavity & Oesophagus (male) | 7 | 2 | 9 |
| 13f Cancer of Uterus (females) | | | |
| 14. Cancer of Stomach and Duodenum... .. | 2 | 6 | 8 |
| 15. Cancer of Breast | — | 9 | 9 |
| 16. Cancer of all other sites | 19 | 29 | 48 |
| 17. Diabetes | 4 | 3 | 7 |
| 18. Intra-cranial Vascular Lesions | 19 | 26 | 45 |
| 19. Heart Disease | 52 | 51 | 103 |
| 20. Other Diseases of Circulatory System ... | 5 | 4 | 9 |
| 21. Bronchitis | 13 | 8 | 21 |
| 22. Pneumonia | 7 | 5 | 12 |
| 23. Other Respiratory Diseases | 4 | 2 | 6 |
| 24. Ulcer of Stomach or Duodenum | 2 | 2 | 4 |
| 25. Diarrhoea (under 2 years) | 3 | 1 | 4 |
| 26. Appendicitis | 1 | 2 | 3 |
| 27. Other Digestive Diseases | 3 | 6 | 9 |
| 28. Nephritis | 5 | 8 | 13 |
| 29. Puerperal and post-abortive sepsis... .. | — | — | — |
| 30. Other maternal causes | — | — | — |
| 31. Premature Birth | 4 | 1 | 5 |
| 32. Congenital Malformations, Birth Injury, Infantile Disease | 4 | 2 | 6 |
| 33. Suicide | 5 | 1 | 6 |
| 34. Road Traffic Accidents | 3 | 1 | 4 |
| 35. Other Violent Causes | 9 | 4 | 13 |
| 36. All other Causes | 15 | 14 | 29 |
| TOTAL | 205 | 198 | 403 |

Table of Infantile Mortality.

| Year. | Rate per 1,000 Births. | | | | |
|-------|------------------------|------|------|------|-------|
| 1922 | | | | | 64.0 |
| 1923 | | | | | 47.2 |
| 1924 | | | | | 43.9 |
| 1925 | | | | | 62.0 |
| 1926 | | | | | 68.0 |
| 1927 | | | | | 36.0 |
| 1928 | | | | | 45.0 |
| 1929 | | | | | 54.0 |
| 1930 | | | | | 74.0 |
| 1931 | | | | | 45.0 |
| 1932 | | | | | 55.0 |
| 1933 | | | | | 61.0 |
| 1934 | | | | | 48.0 |
| 1935 | | | | | 62.8 |
| 1936 | | | | | 50.0 |
| 1937 | | | | | 49.0 |
| 1938 | | | | | 40.0 |
| 1939 | | | | | 43.53 |
| 1940 | | | | | 67.2 |
| 1941 | | | | | 52.6 |
| 1942 | | | | | 28.07 |

(England and Wales,, 1942—49.0)

Analysis of the figures is given below :—

Total number of deaths of infants during the twelve months in 1942 was 21. Of the 21, 8 were neo-natal deaths. These were distributed as follows :—

Neo-natal Deaths.

| | | | | |
|---------------------------|------|------|------|---|
| Congenital Deformity | .... | .... | .... | 1 |
| Prematurity | .... | .... | .... | 5 |
| Spina Bifida | .... | .... | .... | 1 |
| Intra uterine respiration | .... | .... | .... | 1 |
| | | | | — |
| | | | | 8 |
| | | | | — |

The other 13 deaths were caused as follows:—

| | |
|--|-------|
| Broncho Pneumonia | 2 |
| Lobar Pneumonia..... | 1 |
| Prematurity | 3 |
| Gastro Enteritis | 3 |
| Asphyxia due to Accidental Suffocation | 2 |
| Enlarged Thymus..... | 1 |
| Respiratory Paralysis | 1 |
| | <hr/> |
| | 13 |
| | <hr/> |

Maternity and Child Welfare.

The following summary is based upon information and figures supplied by Miss A. Owen, Senior Health Visitor:—

(1) MATERNITY SERVICES.

Consultant Obstetrician—Mr. M. Datnow.

1. Ante-Natal Clinic.

| | |
|--|-------|
| Total Sessions held (Fridays 50, Mondays 8) | 58 |
| Number of new cases examined | 436 |
| Number of cases continuing from previous year..... | 106 |
| Re-examinations | 1,479 |
| | <hr/> |
| Total attendances (with re-examinations) | 2,326 |
| | <hr/> |

Average attendances per session—40.

72% of total Births in the Borough attended the Ante-Natal Clinic, as compared with 1941, when 63% attended.

It will be noticed that a definite majority of the mothers prefer to go into Maternity Hospitals or Maternity Homes, notwithstanding the provision of County Midwives and the tightening of the regulations governing the admission of confinement cases to Clatterbridge Hospital and the increased cost of admission to other Maternity or Nursing Homes.

2. Post-Natal Clinic.

| | |
|------------------------------------|------------|
| Total sessions held | 14 |
| Number of new cases examined | 140 |
| Re-examinations | 22 |
| Referred to Hospital | 10 |
| Referred to own Doctor | 8 |
| Total attendances | <u>162</u> |

85% of total Births in the Borough attended the Post-Natal Clinic.

(2) INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

The County General Hospital, Clatterbridge, together with the Wirral Joint Isolation Hospital, Clatterbridge, are both situated in the Borough, but apart from these two Hospitals there is no special provision in the Borough for mothers and babies.

(3) HEALTH VISITING.

There were two changes in the Health Visiting staff this year, Miss Bate and Miss Fawcett replacing Mrs. Baker and Mrs. Fischer in July. An outbreak of measles towards the end of the year made necessary the engagement of a special nurse, Mrs. Florence Davies, who was still employed on December 31st, 1942.

Records of visits paid by Special Measles Nurse.

| UNDER 5 YEARS. | | OVER 5 YEARS. | |
|-------------------------------|--------------|-------------------------------|------------|
| Visits to Measles | 815 | Visits to Measles | 451 |
| Visits to Whooping Cough..... | 136 | Visits to Whooping Cough..... | 45 |
| Visits to Measles & W. Cough | 11 | Visits to Measles & W. Cough | 4 |
| Visits to Pneumonia..... | 4 | Visits to Pneumonia..... | 2 |
| Visits Miscellaneous | 54 | Visits Miscellaneous..... | 1 |
| | <u>1,020</u> | | <u>503</u> |

Total visits: 1,523.

The more serious of these cases were nursed and the complicated met with included cross infection and pneumonia. 5 of the cases were removed to Hospital, two cases on account of neglect. This Nurse also paid 155 visits to urge immunisation for the children under 5 years against diphtheria.

NUMBER OF VISITS PAID.

| | | |
|--|--------------|---------------|
| To Expectant Mothers (first visits 274)..... | Total Visits | 400 |
| To Infants under 1 year (first visits 814) | „ | 2,236 |
| To Children between 1-5 years | „ | 4,922 |
| To Children under the Infant Life Protection Act | „ | 10 |
| To Measles cases (first visits 307) | „ | 1,164 |
| To Whooping Cough cases (first visits 18) | „ | 184 |
| To special immunisation visits to children under 5 years | „ | 481 |
| To all other visits, including special non-access clinic visits and supervising visits, and those of special nurse other than measles and whooping cough | „ | 3,248 |
| | | <u>12,645</u> |

(4) INFANT LIFE PROTECTION.

Three cases were visited during the year. One case was removed to the care of own parents and two are remaining in the district. All were well cared for and had very good homes.

(5) CLINICS.

Infant Welfare Clinics.

Conducted by Medical Officer of Health.

Total number of children attending Centres—1,425.

(This is an increase of 26 over the year 1941.)

1,425 children have made 14,977 attendances during the year at the three Centres, and mothers have made attendances totalling 13,472—a grand total of 28,449 attendances.

626 children under 1 year and 47 over one year attended for the first time in 1942, and 752 children continued their attendances—1,425 children altogether.

Attendances for the Year.

| Clinic. | New Ferry. | Bromborough. | Hr. Bebington. | Total. |
|---|-------------|--------------|----------------|--------|
| Sessions | 102 | 53 | 49 | 204 |
| Attendances of Children | | | | |
| under 1 year | 4,648 | 2,479 | 2,464 | 9,591 |
| Attendances: Children 1-5 | 2,403 | 1,538 | 1,445 | 5,386 |
| Attendances: Mothers | 6,245 | 3,591 | 3,636 | 13,472 |
| Total attendances—Children and Mothers at all Clinics | | | | 28,449 |

Toddlers' Clinic.

Medical Officer of Health.

| | |
|--|-----|
| Number of sessions | 28 |
| Children examined | 277 |
| Children referred for Hospital Treatment | 5 |
| Children referred to own Doctors | 14 |
| Children referred to Ear, Nose and Throat Clinic | 8 |
| Children referred to Eye Clinic | 5 |
| Children referred to Orthopaedic Clinic | 13 |
| Children referred to Dentist | 10 |
| Children referred to Health Visitors for home visits | 59 |

Medical Consultations at Infant Clinics.

| | |
|--|-----|
| Attendances of Mothers with infants under 1 year | 845 |
| Attendances of Mothers with children 1-5 years | 540 |

From these consultations:—

- 55 children were advised Hospital treatment.
- 85 children were advised to attend own Doctor.
- 47 children were advised to attend Ear, Nose and Throat Clinic.
- 46 children were advised to attend Eye Clinic.
- 36 children were advised to attend Orthopaedic Clinic.
- 17 children were advised to attend District Nurse for treatment.
- 14 children were advised to attend Dentist.
- 405 children were referred for special visits from Health Visitors.

Diphtheria Immunisation.

Position as at 31st December, 1942.

| | Children immunised. | Children not immunised. | Doubtful Cases. |
|---|---------------------|-------------------------|-----------------|
| No. 1 DISTRICT. Bebington, Hr. Bebington and Woodhey | 607 | 405 | 99 |
| No. 2 DISTRICT. New Ferry, and parts of Bebington, Poulton and North Brom. | 385 | 376 | 21 |
| No. 3 DISTRICT. Bromborough, Eastham, Hooton & Raby. | 439 | 297 | 77 |
| | <hr/> 1431 | <hr/> 1078 | <hr/> 197 |
| | <hr/> <hr/> | <hr/> <hr/> | <hr/> <hr/> |

Also 240 Children reaching 5 years in 1942.

Taking 3,500 as the total children in the area, approximately it may be said that 44% of the children under 5 years of age in the Borough were immunised at the end of 1942.

Dental Treatment.

Under the scheme arranged by the Council, 27 children received treatment during 1942.

Home Help Service.

Seventeen cases were attended by Home Help for 12 to 14 days or in a few cases for longer periods during 1942.

St. Fillan's Rest Home, Heswall.

One case of an expectant mother with two young children under 5 years was sent through the Soldiers, Sailors and Airmen's Association. Her husband had been discharged medically unfit from the Royal Navy after 12 years' service.

Leasowe Hospital for Children.

One child aged 3 years admitted 22/10/42 and still remaining on 31st December, 1942. Parents were paying £1 weekly towards cost of maintenance.

Ear, Nose and Throat Clinic.

Surgeon: Mr. Philip Garson.

| | | | | | |
|---------------------------|-------|-------|-------|-------|-----|
| Total number of sessions | ..... | ..... | ..... | ..... | 17 |
| Total Attendances | ..... | ..... | ..... | ..... | 140 |
| Number of new cases seen | ..... | ..... | ..... | ..... | 76 |
| Number of re-examinations | ..... | ..... | ..... | ..... | 64 |

29 cases went into Hospital.

44 cases referred for Medicinal Foods, Maltoline, Colact, Emulsion, Parrish's Food, Virol, Cod Liver Oil, etc.

43 cases referred to Health Visitors for special home visits.

52 cases referred to their own Doctors.

Eye Clinic.

Surgeon: Mr. Ernest Allan.

| | |
|---------------------------------|-----|
| Total number of sessions | 12 |
| Total Attendances | 187 |
| Number of new cases seen | 47 |
| Number of re-examinations | 140 |

9 cases referred for Spectacles.

46 cases referred to Health Visitors for special home visits.

1 case sent to Hospital.

7 cases referred to their own Doctor.

Orthopædic Clinic.

Surgeon: Mr. Hartley Martin.

I consider his report of great interest and submit it in full.

19 monthly sessions were held, at which 140 new cases were seen and 418 re-examinations were made (an average of 29 cases per session).

These figures are elaborated as follows:—

| | In Relation to School Age. | | |
|-------------------------|----------------------------|-----|------|
| | Under | Of | Over |
| NEW CASES. | | | |
| Non-Tuberculous | 87 | 53 | — |
| Tuberculous | — | — | — |
| RE-EXAMINATIONS. | | | |
| Non-Tuberculous | 255 | 156 | 1 |
| Tuberculous | — | 7 | — |

Table I. shows all cases on the Register grouped into disease and age categories. The number of cases discharged and the reason for discharge are also shown.

Of the 250 cases on the Register during the year, 4 were admitted to Hospital for treatment:—

Congenital Deformity.—3 cases (under school age).

Stay in hospital 275 days.

Acquired Deformities.—1 case (of school age).

Stay in hospital 15 days.

The work of the Masseuse in the twice-weekly sessions is of great value in the prevention of deformity and the establishing of a cure. 1,410 treatments have been given to the 65 cases on the Register; 47 new cases were referred and 36 discharged on termination of treatment.

In Table II. the cases on the Massage Register are shown, analysed into age groups and disease categories.

The co-operation of the staff of the Child Welfare Service in ascertainment is again gratefully acknowledged and as the number of new cases shows this department provides 62% of ascertainment for the Clinic.

The cases referred from Neston seem to resent the distance of the Clinic from their houses, and in almost every case find it financially impossible to attend twice weekly for massage. They prefer to attend at the Clatterbridge General Hospital.

Table 1.

| DISEASE CATEGORIES | Remaining 1941 In Relation to School Age | | | New Cases 1942 In Relation to School Age | | | Remaining 1942 In Relation to School Age | | | Discharged, 1942 | | | | | | |
|---|---|----|------|---|----|------|---|----|------|------------------|----------|-------------------|---------------|-------------------|------------|------|
| | Under | Of | Over | Under | Of | Over | Under | Of | Over | Cured | Relieved | Over Age—Relieved | Left District | Refused Treatment | Unsuitable | Died |
| | | | | | | | | | | | | | | | | |
| Infantile Paralysis ... | 1 | 4 | 1 | — | — | — | — | 1 | — | — | — | 1 | 3 | 1 | — | — |
| Spastic Paralysis ... | 5 | 8 | 1 | 2 | — | — | 3 | 4 | — | — | 2 | 2 | — | 4 | 1 | — |
| Rickets ... | 2 | — | — | 1 | — | — | 1 | — | — | — | 1 | — | 1 | — | — | — |
| Tuberculous—Osteitis and Arthritis ... | — | 2 | — | — | — | — | — | 2 | — | — | — | — | — | — | — | — |
| Non-Tuberculous Do. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Deformities—Congenital ... | 18 | 14 | — | 9 | 9 | — | 22 | 17 | — | 1 | 1 | 1 | 4 | 4 | — | — |
| Do. Acquired ... | 76 | 66 | — | 50 | 25 | — | 72 | 39 | — | 63 | — | — | 12 | 32 | 51 | — |
| Diagnosis ... | 10 | 3 | — | 25 | 19 | — | 3 | 3 | — | — | — | — | — | — | — | — |
| Totals ... | 112 | 97 | 2 | 87 | 53 | — | 101 | 66 | — | 64 | 4 | 4 | 20 | 41 | 52 | — |

Message Return. Table 2.

| DISEASE CATEGORIES | ATTENDANCES | | | | | | | | | | CASES | | |
|---------------------------------|------------------|-------------------------|-----------------------------|------------------|-------------------------|-----------------------------|---------------------|-----|------|-------|--------------------|-----------------|------------------------------|
| | Of School Age | | | | | | Under School Age | | | | Over School Age | NUMBER OF CASES | PERCENTAGE OF TOTAL CASES |
| | Boys | | | Girls | | | School Age | | Boys | Girls | | | |
| | Attending School | Not Attending School | Attending Special School | Attending School | Not Attending School | Attending Special School | | | | | | | |
| | | | | | | | | | | | | | |
| Infantile Paralysis ... | 66 | — | — | 55 | — | — | — | — | — | — | 2 | 20.7 | |
| Spastic Paralysis ... | 30 | — | — | 25 | — | — | 16 | — | — | — | 3 | 5.3 | |
| Rickets ... | — | — | — | — | — | — | — | — | — | — | — | — | |
| T.B.—Osteitis and Arthritis ... | — | — | — | — | — | — | — | — | — | — | — | — | |
| Non-T.B.—Do. ... | 137 | — | — | — | — | — | 88 | 15 | — | — | 13 | 20.0 | |
| Congenital Deformities ... | 297 | — | — | 246 | — | — | 144 | 72 | — | — | 47 | 72.0 | |
| Acquired Deformities ... | — | — | — | — | — | — | — | — | — | — | — | — | |
| Totals ... | 530 | — | — | 545 | — | — | 232 | 103 | — | — | 65 | — | |
| Totals ... | 1075 | | | | | | 335 | | } | | 65 | — | |
| Percentages | 76.2% | | | | | | 23.8% | | } | | — | — | |

Orthopædic After-Care Clinic, 1942.

| | |
|--|----|
| Visits by Surgeon | 19 |
| Attendances by Orthopædic Sister | 19 |
| Attendances by Masseuse | 93 |

| | Non-Tuberculous. | | | | | | Tuberculous. | | | | | |
|--------------------------------|-------------------|-------|----------------|-------|------------------|-------|-------------------|-------|----------------|-------|------------------|-------|
| | Under School Age. | | Of School Age. | | Over School Age. | | Under School Age. | | Of School Age. | | Over School Age. | |
| | Boys | Girls | Boys | Girls | Boys | Girls | Boys | Girls | Boys | Girls | Boys | Girls |
| NEW CASES. | | | | | | | | | | | | |
| Surgeon | 50 | 37 | 26 | 27 | — | — | — | — | — | — | — | — |
| Masseuse | 13 | 9 | 15 | 10 | — | — | — | — | — | — | — | — |
| ATTENDANCES. | | | | | | | | | | | | |
| Surgeon | 138 | 117 | 87 | 69 | — | 1 | — | — | 7 | — | — | — |
| Masseuse | 144 | 103 | 530 | 545 | — | — | — | — | — | — | — | — |
| DISCHARGES—See Table 1. | | | | | | | | | | | | |
| Surgeon | — | — | — | — | — | — | — | — | — | — | — | — |
| Masseuse | 6 | 6 | 17 | 6 | — | 1 | — | — | — | — | — | — |

Government issue of Vitamins.**Cod Liver Oil and Fruit Juices.**

Distribution of the above during 1942 was as follows:—

| Centres. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | Expectant Mothers. |
|-----------------|-----|-----|-----|-----|-----|--------------------|
| New Ferry | 197 | 257 | 211 | 19 | 7 | 25 |
| Bromborough | 165 | 201 | 156 | 28 | 12 | 8 |
| Hr. Bebington | 116 | 128 | 89 | 4 | 3 | 6 |
| | 478 | 586 | 456 | 51 | 22 | 39 |

Cod Liver Oil only.

| | 3-4 | 4-5 | 5 years. |
|------------------------|-----|-----|----------|
| New Ferry | 106 | 90 | 116 |
| Bromborough | 53 | 60 | 80 |
| Higher Bebington | 60 | 53 | 64 |
| | 219 | 203 | 260 |

Total Children receiving Fruit Juices or Oil together with
Expectant Mothers :—

| | | | |
|------------------------|-------|-------|-------|
| Expectant Mothers | ..... | ..... | 39 |
| Children under 5 years | ..... | ..... | 2,015 |
| Children 5 years | ..... | ..... | 260 |
| | | | <hr/> |
| | | | 2,275 |
| | | | <hr/> |

Up to the end of 1942 57% of children under 5 years received Vitamins. (Taking 3,500 as the population of this group, 65% of children 5 years and under have received Vitamins.)

Taking 420 as the number of mothers who would be likely to be certain of being pregnant at any one time in the year, 9% is a very small proportion, receiving vitamins to the end of 1942.

These figures do not include those of Vitamins given out anywhere else than at the Centre.

Analysis of Borough Births.

Total number of notified births for the Borough after deducting the 436 transferable births was 750. Of these 20 were still-born. These births occurred in the Borough Wards as below :—

| | | | | | |
|------------------------|-------|-------|-------|-------|-------|
| Park | ..... | ..... | ..... | ..... | 84 |
| New Ferry | ..... | ..... | ..... | ..... | 112 |
| Port Sunlight | ..... | ..... | ..... | ..... | 64 |
| Bebington | ..... | ..... | ..... | ..... | 83 |
| Higher Bebington | ..... | ..... | ..... | ..... | 52 |
| Woodhey | ..... | ..... | ..... | ..... | 102 |
| Poulton | ..... | ..... | ..... | ..... | 38 |
| North Bromborough | ..... | ..... | ..... | ..... | 61 |
| South Bromborough | ..... | ..... | ..... | ..... | 71 |
| Eastham | ..... | ..... | ..... | ..... | 83 |
| | | | | | <hr/> |
| | | | | | 750 |
| | | | | | <hr/> |
| Males (Still-born 11) | ..... | ..... | ..... | ..... | 377 |
| Females (Still-born 9) | ..... | ..... | ..... | ..... | 373 |
| | | | | | <hr/> |
| | | | | | 750 |
| | | | | | <hr/> |

Where births occurred :—

| | |
|--|-------|
| At home attended by Midwives and Doctors | 332 |
| In Clatterbridge Maternity Hospital | 318 |
| In Hospital or Homes in Birkenhead | 52 |
| The Garth, Neston (evacuated mothers) | 17 |
| Liverpool Hospitals or Homes | 3 |
| Heswall Nursing Homes | 12 |
| West Kirby Nursing Homes | 10 |
| Chester Nursing Homes | 2 |
| Crosby Nursing Homes | 1 |
| Cheadle Royal Infirmary | 1 |
| Preston Royal Infirmary | 1 |
| Southport Maternity Home | 1 |
| | <hr/> |
| | 750 |
| | <hr/> |

72% of the mothers to whom these infants were born had attended the Borough Ante-Natal Clinic.

55% of the births were born in Maternity Homes or Hospitals. The gross notified births were 1,186 and transfers out were 436.

Notifiable Infectious Diseases, 1942.

| Disease | Total Cases Notified | Total Cases Admitted to Hospital | Total Deaths |
|---------------------------------|-------------------------|--|-----------------|
| Smallpox | — | — | — |
| Scarlet Fever | 148 | 120 | 1 |
| Diphtheria | 75* | 75 | 1 |
| Enteric Fever | — | — | — |
| Puerperal Pyrexia | 16 | 16 | — |
| Pneumonia—Acute Primary ... | 34 | 12† | 2 |
| " Acute Influenzal | — | — | 1 |
| Erysipelas | 12 | 6 | — |
| Cerebro-spinal Fever | 9 | 9 | 1 |
| Acute Poliomyelitis | 1 | 1 | — |
| Acute Polio-encephalitis | — | — | — |
| Encephalitis Lethargica | — | — | — |
| Ophthalmia Neonatorum | 8 | 8 | — |
| Dysentery | — | — | — |
| Malaria | — | — | — |
| Measles | 856 | 15 | 2 |
| Whooping Cough | 41 | — | — |
| Total ... | 1,200 | 262 | 8 |

*Of these 75 cases, 37 occurred in the County General Hospital and 31 of these belonged to areas outside the Bebington Borough.

†Four nursed at home under the Council's Domiciliary Nursing Scheme.

Table showing Ward Distribution of Total Cases of Notifiable Diseases, 1942.

| Disease. | Ward. | | | | | | | | | | TOTAL |
|-------------------------|---------------|---------|-----------|-----------|------|----------|----------------|----------------|---------|---------|-------|
| | Hr. Bebington | Woodhey | Bebington | New Ferry | Park | Sunlight | N. Bromborough | S. Bromborough | Eastham | Poulton | |
| Scarlet Fever ... | 19 | 32 | 11 | 25 | 6 | 12 | 16 | 6 | 7 | 14 | 148 |
| Diphtheria ... | 2 | 2 | 9 | 7 | 5 | 5 | 2 | 1 | 2 | 40 | 75 |
| Puerperal Pyrexia ... | — | — | — | — | — | — | — | — | — | 16 | 16 |
| Pneumonia ... | 5 | 10 | 4 | 1 | 2 | 3 | 1 | 1 | 2 | 5 | 34 |
| Erysipelas ... | — | 2 | 2 | 1 | 2 | 2 | 1 | — | 1 | 3 | 14 |
| Cerebro-spinal Fever | — | 1 | 2 | 3 | 1 | 1 | 1 | — | — | — | 9 |
| Ophth'lmia Neonatorum | — | — | — | 1 | — | — | — | — | — | 7 | 8 |
| Measles ... | 37 | 88 | 73 | 131 | 91 | 70 | 100 | 95 | 99 | 72 | 856 |
| Whooping Cough ... | 6 | 4 | 2 | 5 | 5 | 6 | 6 | 6 | — | 1 | 41 |
| Acute Poliomyelitis ... | — | 1 | — | — | — | — | — | — | — | — | 1 |
| Totals | 69 | 140 | 103 | 174 | 112 | 99 | 127 | 109 | 111 | 158 | 1,202 |

Tuberculosis.

New Cases and Mortality during 1942.

| Age Periods | | | | NEW CASES | | | | DEATHS | | | |
|----------------|-----|-----|-----|-------------|----|-----------------|----|-------------|----|-----------------|----|
| | | | | Respiratory | | Non-Respiratory | | Respiratory | | Non-Respiratory | |
| | | | | M. | F. | M. | F. | M. | F. | M. | F. |
| Years | | | | | | | | | | | |
| 0 | ... | ... | ... | — | — | — | — | — | — | — | — |
| 1 | ... | ... | ... | — | — | 2 | 1 | — | — | — | — |
| 5 | ... | ... | ... | — | 1 | 6 | 1 | — | — | — | 1 |
| 15 | ... | ... | ... | 2 | 5 | — | 2 | 1 | 2 | — | — |
| 25 | ... | ... | ... | 4 | 7 | 1 | — | — | 2 | — | 2 |
| 35 | ... | ... | ... | 3 | 2 | — | 3 | 2 | — | — | — |
| 45 | ... | ... | ... | 3 | 2 | 1 | — | 1 | — | 1 | — |
| 55 | ... | ... | ... | — | 1 | — | — | 4 | 1 | — | — |
| 65 and upwards | ... | | | 2 | — | — | — | 3 | — | — | — |
| Total | ... | | | 14 | 18 | 10 | 7 | 11 | 5 | 1 | 4 |

Sanitary Circumstances.

Mr. E. V. Crapper, Chief Sanitary Inspector, is responsible for the following reports on the Sanitary Inspection of this area:—

Sanitary Inspection of the Area.

| Number of and Nature of Inspections made | No. of Notices Served | | | | Result of Notices | | | | Total for 1941 | Total for 1940 |
|--|-----------------------|-----------|-----------|-----------|-----------------------|---------------|-------------|-------------------|----------------|----------------|
| | Total for 1942 | Informals | Secondary | Statutory | Outstanding from 1941 | Complied with | Outstanding | Legal Proceedings | | |
| Dwelling Houses Inspected | 479 | 418 | — | — | 175 | 225 | 368 | 2 | 403 | 397 |
| Do. re-inspected | 1123 | — | 102 | 105 | 39 | 130 | 14 | — | 687 | 1026 |
| Overcrowding ... | 23 | 4 | — | — | 17 | 1 | 20 | — | 153 | 241 |
| Offices ... | 6 | — | — | — | — | — | — | — | 10 | 7 |
| Tents, Vans, Sheds ... | — | — | — | — | — | — | — | — | 20 | 4 |
| Courts, Passages ... | 22 | 4 | — | — | 1 | — | 5 | — | 26 | 155 |
| House Drainage ... | 642 | 51 | 10 | 7 | 14 | 60 | 5 | — | 644 | 568 |
| Privy Middens ... | 741 | 222 | 59 | 37 | 36 | 223 | 35 | — | 552 | 503 |
| Cesspools ... | 12 | 1 | 1 | — | — | — | 1 | — | 44 | 42 |
| Ditches, Watercourses ... | 18 | — | — | — | — | — | — | — | 59 | 50 |
| Offensive Accumulations ... | 57 | 5 | 3 | — | 4 | 6 | 3 | — | 49 | 78 |
| Keeping of Animals ... | 40 | 1 | — | 1 | — | — | 1 | 2 | 14 | 2 |
| Rat Infestations ... | 114 | 1 | — | — | — | — | 1 | — | 136 | 108 |
| Slaughterhouses ... | 344 | — | — | — | — | — | — | — | 309 | 157 |
| Butchers' Shops ... | 146 | 1 | — | — | — | 1 | — | — | 144 | 185 |
| Grocers ... | 96 | — | — | — | 1 | — | 1 | 2 | 193 | 47 |
| Ice Cream Premises ... | 44 | — | — | — | — | — | — | — | 25 | 33 |
| Other Food Premises ... | 172 | 3 | — | — | 2 | 5 | — | — | 116 | 288 |
| Food Poisoning ... | 24 | — | — | — | — | — | — | — | — | — |
| Offensive Trades ... | 2 | — | — | — | — | — | — | — | 3 | 3 |
| Piggeries ... | 20 | — | — | — | — | — | — | — | 51 | 22 |
| Dairies ... | 122 | 1 | — | — | — | — | 1 | — | 139 | 180 |
| Cowsheds ... | 230 | — | — | — | 2 | — | 2 | — | 259 | 206 |
| Factories ... | 20 | 3 | 1 | — | 3 | — | 6 | — | 36 | 30 |
| Workplaces ... | 16 | 1 | — | — | 1 | — | 2 | — | 10 | — |
| Bakehouses ... | 11 | — | — | — | — | — | — | — | 37 | 29 |
| Smoke Observations ... | 16 | — | — | — | — | — | — | — | 3 | 40 |
| Public Schools ... | 9 | 2 | — | — | — | — | 2 | — | 4 | 2 |
| Places of Entertainment ... | — | — | — | — | — | — | — | — | 4 | 29 |
| Public Conveniences ... | — | — | — | — | — | — | — | — | 22 | 10 |
| Private Schools ... | 2 | — | — | — | — | — | — | — | — | — |
| Licensed Premises ... | 4 | 1 | — | — | — | 1 | — | — | 6 | 6 |
| Infectious Diseases Inquiries | 382 | — | — | — | — | — | — | — | 325 | 180 |
| Do. Revisits | 213 | — | — | — | — | — | — | — | 352 | 107 |
| Verminous Premises ... | 228 | — | — | — | — | — | — | — | 171 | 104 |
| Fouling of Footways ... | — | — | — | — | — | — | — | — | 3 | 6 |
| Miscellaneous... .. | 198 | — | — | — | — | — | — | — | 430 | 110 |
| Appointments outside Office | 241 | — | — | — | — | — | — | — | 277 | 213 |
| Totals ... | 5778 | 719 | 176 | 150 | 295 | 652 | 467 | 6 | 5716 | 5168 |

Housing Act, 1936.

The following figures relate to work carried out during 1942:—

applicants have been received for "permitted numbers."

existing houses have been measured.

newly-erected houses have been measured.

15 visits have been paid to inspect rent books, to enquire into cases overcrowding, etc.

1 offence was committed by the failure to insert in rent books the "permitted number," etc.

1 warning letter sent.

1 offence was committed by the failure to insert in rent books the name and address of the M.O.H.

1 warning letter sent.

1 case of overcrowding abated.

3 new cases of overcrowding.

House Drainage.

39 smoke tests were applied to house drains.

10 of these were at new buildings or additions to existing buildings.

29 of these were at existing buildings.

13 drains and rat-runs were smoked with waste and sulphur to remove or destroy rats.

272 house drains were cleared by plunging or rodding.

Since the war there has been an increase in the number of choked drains reported to this department. This is accounted for by the fact that, householders who would normally clear these drains, are in many instances away from home in the Services and that owners have found difficulty in obtaining the services of contractors.

Disinfection.

The following articles have been disinfected or destroyed during the year 1942 :—

| | |
|------------------------------------|-------|
| Beds (disinfected)..... | 491 |
| Other articles (disinfected) | 3,881 |
| Rooms (disinfected) | 43 |
| Beds (destroyed) | 20 |
| Other articles (destroyed) | 35 |
| | <hr/> |
| | 4,470 |
| | <hr/> |

Disinfestation.

The following are the figures relating to verminous premises :—

Rooms treated—

| | |
|---|-------|
| Council Houses (involving 6 houses owned by the Council) | 26 |
| Private Houses | 146 |
| Beds disinfected | 27 |
| Other articles disinfected | 113 |
| Beds destroyed | 4 |
| | <hr/> |
| | 316 |
| | <hr/> |

29 houses were found to be infested with bed bugs.

2 houses were found to be infested with fleas.

21 houses were found to be infested with cockroaches.

35 premises were found to be infested with rats.

11 houses were found to be infested with lice.

16 premises were found to be infested with miscellaneous vermin
(ants, furniture beetle, etc.).

Cleansing.

12 persons were deloused under the supervision of the Chief Sanitary Inspector after an examination of 22 men by the Medical Officer of Health.

35 houses were found to be in a filthy or unwholesome condition.

Methods of Disinfestation.

All premises infested with vermin are visited by a Sanitary Inspector, who, after inspection, decides upon the methods of disinfestation. Bed bugs are usually dealt with by spraying with Zaldecide and steam disinfection of bedding. Tenants are advised to place the posts of their beds in tins (old boot polish tins, etc.) filled with paraffin. Owners are invited to co-operate with the Sanitary Department and the tenant by filling in cracks in wall plaster, removing and/or refitting woodwork.

Requests are frequently made to deal with empty houses and this method of co-operation ensures the new tenants a clean house.

Slaughter Houses.
Carcases Inspected and Condemned.

| | Cattle excluding Cows. | Cows. | Calves | Sheep and Lambs. | Figs. | Total. |
|---|------------------------------|-------|--------|------------------------|-------|--------|
| Number killed | 2837 | 1200 | 1647 | 21516 | 323 | 27073 |
| Ante-mortem inspection, includ- ing supervision of humane slaughter... .. | 1977 | 1046 | 1448 | 18863 | 312 | 23646 |
| Notice of slaughter received ... | 2387 | 1200 | 1647 | 21516 | 323 | 27073 |
| Emergency notifications | 4 | 26 | 12 | 97 | 43 | 182 |
| Post-mortem inspection | 2387 | 1200 | 1647 | 21516 | 323 | 27073 |

All Diseases, except T.B.

| | | | | | | |
|---|--------|--------|-------|-------|--------|-------|
| Whole carcasses condemned ... | — | 5 | 2 | 33 | 2 | 42 |
| Carcases of which some part or organ was condemned... .. | 242 | 281 | 10 | 1085 | 33 | 1651 |
| Percentage of the number in- spected affected with diseases other than T.B.... .. | 10.13% | 23.83% | 0.72% | 5.19% | 10.85% | 6.25% |

Tuberculosis only.

| | | | | | | |
|--|-------|--------|------|---|--------|--------|
| Whole carcasses condemned ... | 19 | 49 | — | — | 9 | 77 |
| Carcases of which some part or organ was condemned... .. | 188 | 277 | 9 | — | 45 | 519 |
| Percentage of the number in- spected affected with Tuber- culosis | 8.67% | 27.01% | .53% | — | 17.02% | 2.201% |

Liver Fluke.

| | | | | | | |
|---|------|----|---|------|---|------|
| Whole carcasses condemned ... | — | — | — | — | — | — |
| Carcases of which some part or organ was condemned... .. | 61 | 36 | — | 137 | — | 234 |
| Percentage of the number in- spected affected with Liver Fluke | 2.5% | 3% | — | .63% | — | .86% |

Cystic Conditions.

| | | | | | | |
|--|--------|-------|---|-------|-------|------|
| Whole carcasses condemned ... | — | — | — | 1 | — | 1 |
| Carcases of which some part or organ was condemned... .. | 43 | 70 | — | 785 | 5 | 903 |
| Percentage of the number in- spected affected with Cystic conditions... .. | 1.801% | 5.83% | — | 3.65% | 1.54% | 3.3% |

| | Cattle excluding Cows. | Cows. | Calves | Sheep and Lambs. | Figs. | Total. |
|--|------------------------------|-------|--------|------------------------|-------|--------|
| Septic Conditions. | | | | | | |
| Whole carcasses condemned ... | — | 2 | — | 4 | 1 | 7 |
| Carcasses of which some part or organ was condemned... .. | 44 | 27 | 2 | 50 | 3 | 126 |
| Percentage of the number inspected affected with Septic conditions... .. | 1.84% | 2.4% | .12% | .25% | 1.23% | .49% |
| Actinomycosis. | | | | | | |
| Whole carcasses condemned ... | — | — | — | — | — | — |
| Carcasses of which some part or organ was condemned... .. | 36 | 16 | — | 2 | — | 54 |
| Percentage of the number inspected affected with Actinomycosis | 1.5% | 1.3% | — | .009% | — | .19% |
| Other Conditions. | | | | | | |
| Whole carcasses condemned ... | — | 3 | 2 | 34 | 1 | 40 |
| Carcasses of which some part or organ was condemned... .. | 54 | 99 | 6 | 103 | 22 | 284 |
| Percentage of the number inspected affected with miscellaneous conditions | 2.26% | 8.5% | .48% | .63% | 7.12% | 1.19% |

Food Inspection.

The undermentioned food was found upon examination to be unsound and unfit for human consumption and was voluntarily surrendered :—

67 lbs. Sugar.

51 packets Bicarbonate of Soda.

34 packets Gravy Salt.

5 Oxo Cubes.

487 tins Meat (Various).

770 lbs. Corned Beef, Luncheon Meat, etc.

70 lbs. Bacon.

1,401 tins Irish Stew.

2,227 lbs. Beef.

1 Pork Carcase.

4 Rabbits.

3 Chickens.

732 tins Milk, Evaporated and Condensed.
 12 gallons Milk.
 22 packets Dried Milk.
 495 Eggs.
 20 lbs. Onions.
 55 jars Onion Extract.
 1,259 tins Veg. Macedione and Vegetables.
 1 cwt. Carrots.
 4 cwts. Turnips.
 2,307 lbs. Potatoes.
 24 cartons Mustard and Cress.
 150 Oranges.
 142 tins Fruit (Various).
 172 lbs. Raisins, Sultanas, Dried Fruit.
 302 tins Soup, Scotch Broth, etc.
 182 tins Fish.
 69 tins Rice Pudding.
 117 tins Yorkshire Pudding Mixture.
 30 lbs. Corn Flour.
 140 lbs. Flour.
 47 tins Custard Powder.
 24 lbs. Jam, Marmalade, Honey, Mincemeat
 3 Cheeses.
 9 lbs. Butter.
 10 lbs. Margarine.
 40 lbs. Suet.
 96 packets Epsom Salts.
 41 lbs. Food Substitute (egg, milk, etc.).
 19 tins Miscellaneous Food.
 67 lbs. Miscellaneous Food.
 30 packets Miscellaneous Food.

Legal Proceedings.

It was found necessary to issue summonses as follows:—

1. Against a firm for exposing for sale 5 tins of unsound sausages.
Each partner fined £5 0s. 0d.
2. Against the same firm for selling 1 tin of unsound sausages
Each partner fined £1 0s. 0d. and £1 11s. 6d. costs.

3. Against a shopkeeper for serving customers on a weekly half-holiday. Fined 10/-.
4. Against the same shopkeeper for serving customers on another weekly half-holiday. Fined 10/-.
5. Against a tenant for causing a nuisance by foul smells due to an excessive number of cats being kept in the house.
Order made for an abatement of the nuisance within 14 days and 20/6 costs.
6. Against an agent for failing to comply with a notice served under Section 93 P.H.A. 1936.
Order made for work to be carried out and 5/- costs.
7. Against the tenant referred to (No. 5) for failing to comply with the Magistrates' Order.
Fined £1 0s. 0d. and the house to be cleansed by the Corporation at the tenant's expense.
8. Against an agent for failing to comply with a notice served under Section 93 P.H.A. 1936. Fined 40/-.
9. Against a shopkeeper for employing a shop assistant an excessive number of hours. Fined 20/-.
10. Against the shopkeeper referred to (No. 9) for employing a shop assistant after 1.30 p.m. on his half-holiday. Fined 10/-.

Work carried out in Default.

22 sanitary dust bins were supplied in default and the owners charged with the cost.

Supervision of Milk Productions.

Sediment Tests.

During the year the Sanitary Inspectors continued their efforts to maintain a cleanly supply of milk, and to this end at least one visit was made each week during early morning milking. Sediment testing of milk was continued and again proved useful in demonstrating to the producer on the spot whether his methods of milking were satisfactory. 104 tests were made and a cleanliness percentage of 53.46 resulted, a decrease when compared with previous year.

Figures since 1937 are as follows:—

| | | | | | |
|------|-------|--------------|-----|---------------|--------|
| 1937 | ..... | No. of tests | 254 | Cleanliness % | 60% |
| 1938 | ..... | „ | 160 | „ | 61.2% |
| 1939 | ..... | „ | 66 | „ | 61% |
| 1940 | ..... | „ | 254 | „ | 62.27% |
| 1941 | ..... | „ | 85 | „ | 63.5% |
| 1942 | ..... | „ | 104 | „ | 53.46% |

The reasons for a decline in cleanly production may be summarised as follows:—

1. Labour difficulties.
2. Black-out conditions tend to encourage milking in poor light. Inspectors have concentrated their efforts on the producers who have previously given bad results. Fuel economy has on a few occasions been the excuse for lack of sterilisations of utensils.

Your Inspectors are following up all unsatisfactory results, but the worst results following bacteriological examinations have been from producers outside the area, and constant attention is given to pasteurised milk—where your officials have had cause to believe that the pasteurising plant is not efficient or not properly maintained or used.

Souring of milk gave us much concern, and it was felt that the age of the milk was at fault. Enquiries made and samples taken frequently showed that milk produced one day was pasteurised the next day and the following day sent into this area, arriving in the afternoon. This was bottled by the Dairyman in the evening and retailed the next day at hours varying from 10 a.m. until 2 p.m. It is too much to expect milk to be fit for human consumption under these conditions. This milk is often supplied to priority customers whose need for a pure and clean product is greater than the non-priority customers.

Milk Sampling.

The following tables show the result of Milking Sampling:—

| | No. of Samples. | No. T.B. Positive. |
|-------------------------|-----------------|--------------------|
| Commercial milk | 41 | — |
| Accredited | 79 | 4 |
| Tuberculin tested | 3 | — |
| T.T. (certified) | 13 | — |
| Pasteurised | 25 | — |
| | <hr/> 161 | <hr/> 4 |

This equals a percentage of 2.4, as compared with 1.3 for 1941.

The following figures show the number and result of examinations for T.B. during the past 12 years:—

| | No. | T.B. | % T.B. |
|-------------------------|-------------|------|--------|
| Commercial milk | 959 | 46 | 4.7 |
| Accredited | 868 | 69 | 7.9 |
| Tuberculin tested | 56 | — | — |
| T.T. (certified) | 60 | — | — |
| Pasteurised | 218 | — | — |
| Sterilised milk..... | 21 | — | — |
| | <hr/> 2,182 | | |

The table below shows the number and results of graded milk samples submitted to the bacteriologist for the prescribed tests during 1942:—

| | No. Examined. | No. Satisfactory. |
|-------------------------|---------------|-------------------|
| Accredited milk | 79 | 63 |
| Tuberculin tested | 3 | 3 |
| T.T. (certified) | 13 | 10 |
| | <hr/> 95 | <hr/> 76 |

The efficiency of pasteurisation was checked by submitting samples for the phosphatase tests, with the following results:—

| | |
|-------------------------------|----|
| Samples tested | 25 |
| Efficiently pasteurised | 21 |

The four samples found to have been insufficiently heated or mixed with raw milk were from one Dairyman outside the area. Appropriate

steps were taken to deal with the matter and milk from this source is receiving special attention.

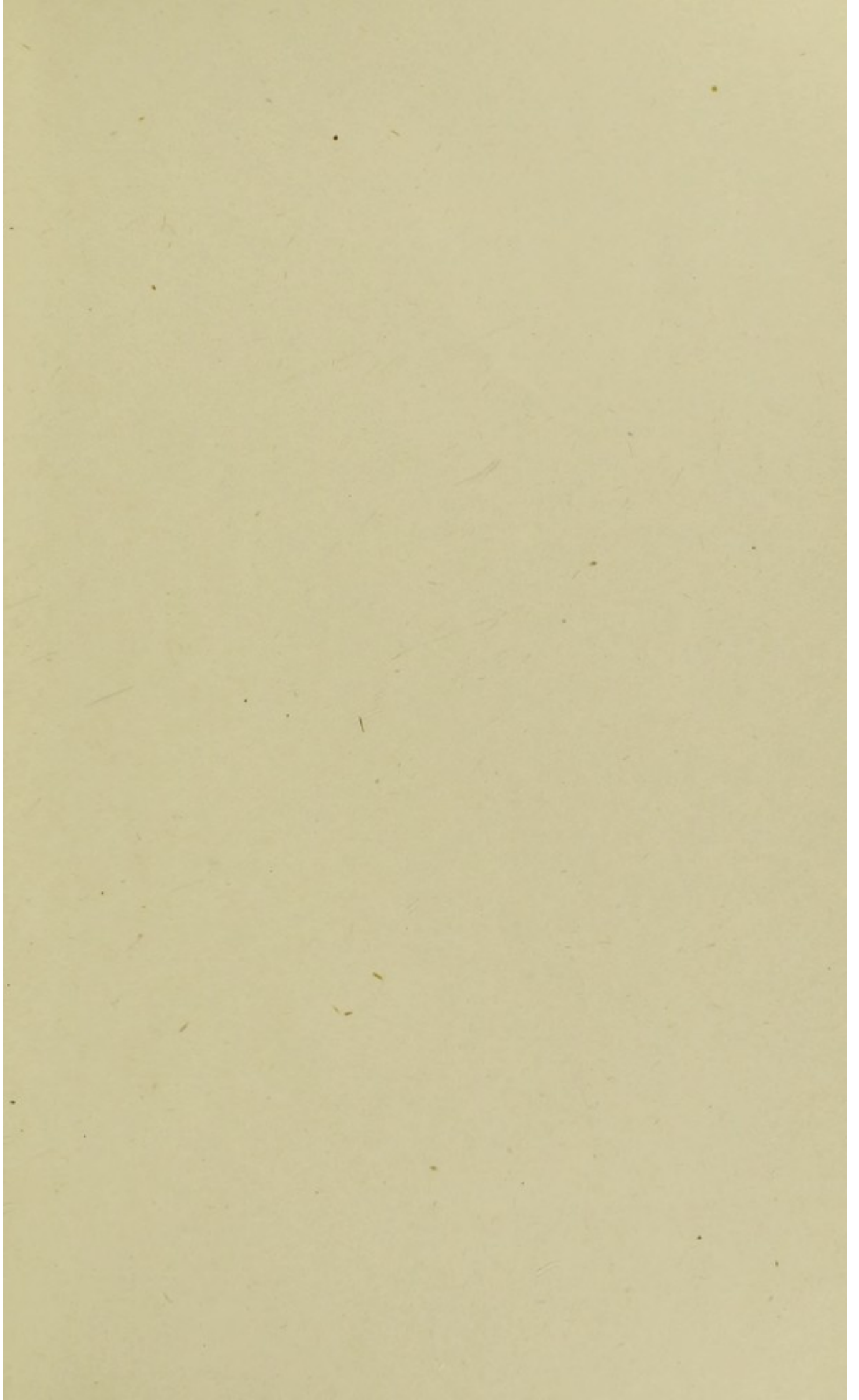
Food Decontamination.

Six squads are now trained for dealing with food contaminated by gas.

Your Chief Sanitary Inspector is Food Decontamination Officer and has trained the squads and the other three Inspectors are Assistant Food Decontamination Officers. All the personnel, 36 in number, are drawn from food premises, and the six squad leaders are:—

J. V. Evans (Butcher), Mrs. Haddock (Greengrocer), Mrs. Coakley (Canteen Assistant), Miss Bithell (Grocer's Assistant), Miss Western (Grocer's Assistant), Mr. G. Patterson (Butcher).

More personnel are required for this branch of Civil Defence.



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