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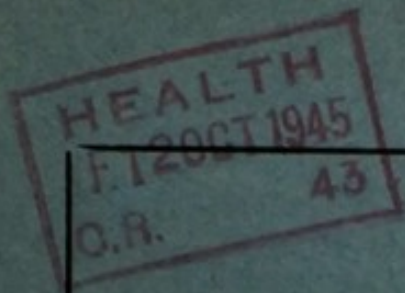
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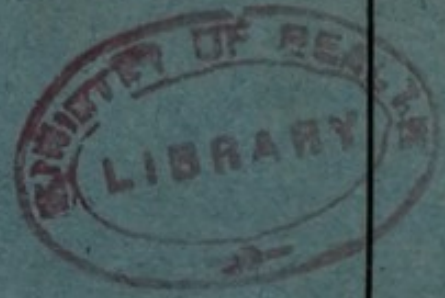
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Borough



of Bacup.



Annual Report

on the

Public Health Services

of the

Borough of Bacup

1944

by

James W. McKinney,

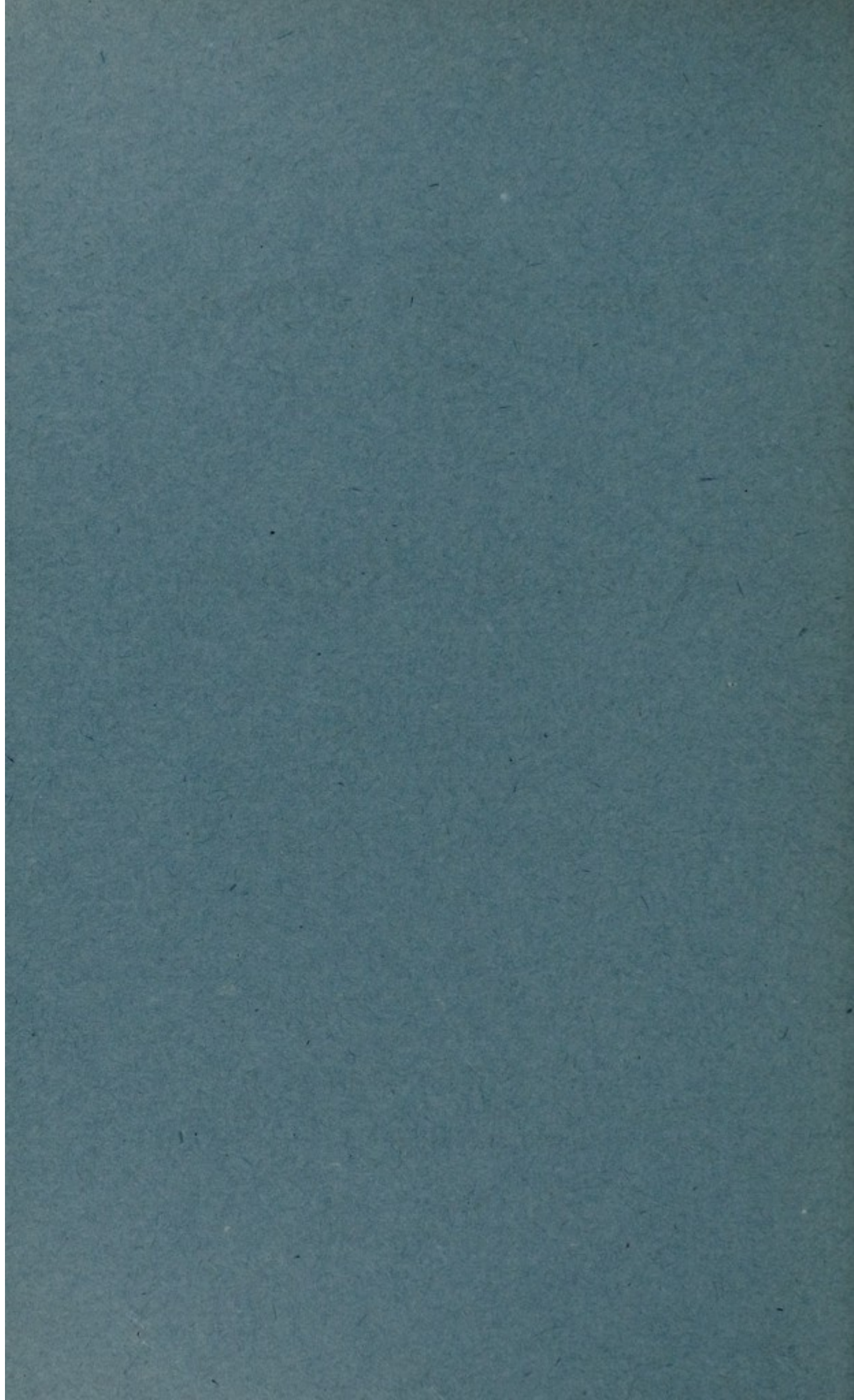
M.B., Ch.B., D.P.H.,

MEDICAL OFFICER OF HEALTH

Maternity and Child Welfare Medical Officer
and School Medical Officer

BACUP :

Howard & Hargreaves, General Printers, Yorkshire Street Mill.



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Journal of the

Annual Report

of the

Board of Directors

of the

City of New York

for the year ending

December 31, 1900

Published by the City of New York

HEALTH COMMITTEE.

HIS WORSHIP THE MAYOR, ALDERMAN J. IRELAND, J.P., C.C.
(*ex officio*).

ALDERMAN ELI GLEDHILL, Chairman.

COUNCILLOR J. H. HARGREAVES, Vice-Chairman.

COUNCILLOR F. D. ASHWORTH.

„ H. ASHWORTH.

„ T. ASHWORTH.

„ E. BARCROFT.

„ W. MARSHALL, J.P.

„ A. RHODES.

„ F. SMITH.

„ S. C. SMITH.

„ MRS. J. E. HALL.

MATERNITY AND CHILD WELFARE SUB-COMMITTEE.

All the Health Committee.

THE MAYORESS, MRS. J. IRELAND.

MRS. H. GRAHAM.

MRS. J. MACDONALD, J.P.

MRS. W. M. TAYLOR.

MRS. L. A. STOCKS.

MRS. CORMACK.

STAFF.

**Medical Officer of Health ; Maternity and Child Welfare Officer
and School Medical Officer :**

J. W. MCKINNEY, M.B., CH.B., D.P.H.

Dental Surgeon to Education Authority :

* J. MIDGLEY, L.D.S.

Consulting Orthopaedic Surgeon :

* S. M. MILNER, F.R.C.S., M.A., M.B.

Consulting Nose and Throat Surgeon :

* PHILIP A. HARRY, M.D., Ch.B., D.P.H.

Puerperal Pyrexia Consultant :

* DR. A. CALLUM, D.S.O., M.D., F.R.S.C.E.,
1, Ormerod Road, Burnley. (Telephone : Burnley 3973).

Consulting Obstetrician :

* ROBERT NEWTON, M.D., M.C.O.G.,
11, St. John Street, Manchester.
(Telephones : Blackfriars 2198 and Sale 4878).

Child Guidance Psychiatrist :

* MICHAEL BALINT, M.D., Ph.D.

Psychologist : * MRS. E. HENSHAW, M.Sc.

Social Worker for Child Guidance : * MISS B. COOKE

Speech Therapist : * MRS. E. THOMAS (née BRADY)

Borough Analyst : * T. R. HODGSON, M.A., F.I.C., F.C.S.

Chief Sanitary Inspector and Cleansing Superintendent :

W. A. HEALEY, A.M., Inst.P.C., C.R.S.I.

Health Visitor :

MISS N. THORNTON, S.R.N., R.F.N. Part I Cert.
Midwifery, Cert. Health Visitor.

School Nurse : MISS. B. KELLY, S.R.N., S.C.M.

Cert. Health Visitor.

Clerks : Clifford Walkden (in H.M. Forces), Miss G. Howorth,
F. T. Howorth (in H.M. Forces).

Dental Assistant : MRS. J. M. SUDWORTH.

* Part Time

Public Health Department,
Rochdale Road,
BACUP,

August, 1945.

TO THE MAYOR, ALDERMAN AND BURGESSES
OF THE BOROUGH OF BACUP.
MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to submit for your consideration the Annual Report on the Health Services of the Borough for the year 1944.

During the year the Ante-Natal Clinic was placed on a Monthly instead of a two Monthly basis, reducing the Intervals between examinations at the Clinic and giving a more efficient and satisfactory Service which is being appreciated.

The Sanitary Inspector, due to the prevailing Shortage of Staff, Labour and Materials. finds great difficulties in getting carried out Repairs etc., to the ever increasing defects and dilapidations to property. The work on this account being made onerous.

The Office and Clinic Accommodation is a problem which should require a First Priority.

The Immunisation of Children against diphtheria still remains at a high level.

The General Health is still well maintained and there were no serious epidemics during the year.

I desire to thank the Chairman and Members of the Health and Maternity and Child Welfare Committee for their support. I gratefully acknowledge the willing support of all Members of my Staff.

I am, Mr. Mayor, Ladies and Gentlemen,

Your Obedient Servant,

JAMES W. McKINNEY,
Medical Officer of Health

MEDICAL OFFICER'S ANNUAL REPORT FOR THE YEAR 1944.

Statistics and Social Conditions of the Area.

| | | | |
|--------------------------------|-----|-----|---------|
| Area (Acres) ... | — | ... | 6,121 |
| Population (Census 1931) | | ... | 20,590 |
| Estimated Population (1944) | | ... | 16,880 |
| No. of inhabited Houses (1931) | | ... | 5,964 |
| Rateable Value | ... | ... | £89,864 |
| Sum represented by a 1d. Rate | ... | ... | £345 |

Vital Statistics for the Year 1944.

| | | Total | Male | Female |
|----------------------------------|--------------|-----------------------------------|------|--------|
| Live Births | Legitimate | 288 | 152 | 136 |
| | Illegitimate | 21 | 12 | 9 |
| | Total | 309 | 164 | 145 |
| Deaths of Infants under one year | 10 | 8 | 2 | |
| Stillbirths... | ... | 6 | 3 | 3 |
| Deaths ... | ... | 250 | 132 | 118 |
| Birth Rate | ... | ...18.30 per 1,000 of population | | |
| Death Rate | ... | ... 14.81 per 1,000 of population | | |
| Infantile Mortality Rate | ... | ... 32.36 per 1,000 Live Births | | |
| Maternal Deaths | ... | ... | ... | Nil |

Respiratory diseases.

The number of deaths from the above were : Bronchitis 13 ; Pneumonia 1 ; other respiratory diseases 2 ; a total of 16, giving a Death Rate of 0.94 per 1,000 of the population against a death rate of 2.27 for 1943.

Diarrhoea and Enteritis.

There were no deaths under two years of age, giving a death rate of 0.00 per 1,000 live births. The death rate for England and Wales for 1944 was 4.8 per 1,000 Live-Births.

Cancer and Malignant disease.

The deaths from the above were Males : 12 ; Females : 18 ; total : 30. This gives a death rate of 1.77 for 1944 as against 1.57 for 1943.

Maternal Mortality.

There were no death during the year.

General Provision of Health Services and Hospital Arrangements.

MATERNITY AND CHILDREN.

ORTHOPAEDIC CLINIC.

These are the same as set out in the Report for the year 1940.

SMALLPOX.

FEVERS AND OTHER DISEASES.

AMBULANCE FACILITIES.

Hospital Arrangements.

During the year 1944, Recommend-Vouchers have been supplied to patients as follows :—

| | Inpatients. | Out-patients | Total. |
|--|-----------------|--------------|------------|
| Rochdale Infirmary | 152 | 230 | 382 |
| Bury Infirmary | 128 | 132 | 260 |
| Manchester Royal Infirmary ... | 37 | 86 | 123 |
| St. Mary's Hospital, Manchester | 29 | 27 | 56 |
| Manchester Royal Eye Hospital | 9 | 42 | 51 |
| Manchester & Salford Skin Hospital | 4 | 29 | 33 |
| Royal Manchester Children's Hospital | 10 | 19 | 29 |
| Victoria Hospital, Burnley ... | 14 | 18 | 32 |
| Christie Hospital and Holt Radium Institute ... | 6 | 15 | 21 |
| Ancoats Hospital, Manchester | 5 | 8 | 13 |
| Salford Royal Hospital ... | 3 | 5 | 8 |
| General Infirmary, Leeds ... | 6 | — | 6 |
| Aitken Cottage Hospital ... | 5 | 1 | 6 |
| Parkside Em. Hospital ... | 4 | — | 4 |
| Manchester Ear Hospital ... | — | 3 | 3 |
| Manchester Northern Hospital | 3 | — | 3 |
| Royal Halifax Infirmary ... | 3 | — | 3 |
| Other Hospitals | 15 | 5 | 20 |
| Greenfield Massage Centre ... | Massage XRay | 64 87 | 151 |
| | <hr/> 433 | <hr/> 771 | <hr/> 1204 |

The above Recommend-Vouchers have been issued through the Bacup Borough Hospital Fund.

| Causes of Death | | | | | Mal... | F'm'l's |
|-------------------|---|--|--|--|--------|---------|
| All Causes | | | | | 132 | 141 |
| 1 | Typhoid and Paratyphoid Fevers | | | | — | — |
| 2 | Cerebro spinal fever | | | | — | — |
| 3 | Scarlet fever | | | | — | — |
| 4 | Whooping Cough | | | | — | — |
| 5 | Diphtheria | | | | — | — |
| 6 | Tuberculosis of respiratory system... | | | | 3 | 3 |
| 7 | Other forms of Tuberculosis... | | | | 1 | 1 |
| 8 | Syphilitic diseases | | | | — | — |
| 9 | Influenza | | | | — | — |
| 10 | Measles... .. | | | | — | — |
| 11 | Acute Poliomyelitis and Polioen- cephalitis | | | | — | — |
| 12 | Acute Infectious Encephalitis ... | | | | — | — |
| 13 | Cancer of buccal cavity and oesoph- agus (M.), Uterus (F) ... | | | | 4 | 1 |
| 14 | Cancer of Stomach and duodenum... | | | | — | 4 |
| 15 | Cancer of Breast | | | | — | 7 |
| 16 | Cancer of all other sites | | | | 8 | 6 |
| 17 | Diabetes | | | | — | — |
| 18 | Intracranial vascular lesions ... | | | | 22 | 17 |
| 19 | Heart Disease... .. | | | | 41 | 33 |
| 20 | Other diseases of circulatory system | | | | 4 | 1 |
| 21 | Bronchitis | | | | 5 | 8 |
| 22 | Pneumonia | | | | — | 1 |
| 23 | Other respiratory diseases | | | | 6 | 2 |
| 24 | Ulcer of stomach or duodenum ... | | | | 1 | — |
| 25 | Diarrhoea under two years | | | | — | — |
| 26 | Appendicitis | | | | 1 | 1 |
| 27 | Other digestive disorders | | | | — | 6 |
| 28 | Nephritis | | | | 3 | 4 |
| 29 | Puerperal and Post-abortive Sepsis | | | | — | — |
| 30 | Other maternal causes | | | | — | — |
| 31 | Premature Birth | | | | 5 | 1 |
| 32 | Congenital Malformations, birth injury, Infantile Diseases ... | | | | 2 | — |
| 33 | Suicide | | | | — | 2 |
| 34 | Road Traffic Accidents | | | | 1 | — |
| 35 | Other violent Causes... .. | | | | 8 | 4 |
| 36 | All other causes | | | | 17 | 15 |

Details of Water Supplies, Drainage and Sewerage for the Year Ended 31st December, 1944.

NEW CONNECTIONS TO TOWN'S WATER.

| | | | | |
|--------------------|-----|-----|-----------------|----|
| Private Houses ... | ... | ... | (all low level) | 8 |
| Water for Hens... | ... | ... | ... | 1 |
| Water for Cattle | ... | ... | ... | 1 |
| Water for Garden | ... | ... | ... | 1 |
| | | | | 11 |

NEW CONNECTIONS TO EXISTING SERVICE PIPES.

| | | | | | | |
|---------------------------|-----|-----|-----|-----|-----|----|
| Hot Water only ... | ... | ... | ... | ... | ... | 10 |
| Wash Basins ... | ... | ... | ... | ... | ... | 9 |
| Baths ... | ... | ... | ... | ... | ... | 9 |
| Sinks ... | ... | ... | ... | ... | ... | 2 |
| W.C's. ... | ... | ... | ... | ... | ... | 22 |
| Urinal ... | ... | ... | ... | ... | ... | 1 |
| Taps ... | ... | ... | ... | ... | ... | 6 |
| Greenhouse ... | ... | ... | ... | ... | ... | 1 |
| Drinking Trough ... | ... | ... | ... | ... | ... | 1 |
| Farms with Drinking Bowls | ... | ... | ... | ... | ... | 2 |
| School Canteen ... | ... | ... | ... | ... | ... | 1 |
| Geysers ... | ... | ... | ... | ... | ... | 2 |
| Horse ... | ... | ... | ... | ... | ... | 1 |
| | | | | | | 67 |

NEW DISTRICTS CONNECTED TO TOWN'S WATER.

Part of Dale Street

TOTAL NUMBER OF CONNECTIONS AND CONSUMERS OF TOWN'S WATER.

| | | | | | |
|--|-----|-----|-----|-----|--------|
| Domestic Connections ... | ... | ... | ... | ... | 5,852 |
| Consumers (at $2\frac{3}{4}$ persons per connection) ... | ... | ... | ... | ... | 16,090 |

WATER ANALYSIS.

During the year 32 samples of Town's Water were sent to the Borough Analyst; 30 samples were reported excellent: (1 sample contained an increase of oxidisable organic matter); 2 samples were reported very slightly acid.

| | |
|---|----|
| Bacteriological examinations were made on 13 samples:— | |
| Sample stated to be sterile (without any organisms) ... | 1 |
| Samples with coliform organisms absent in 100 c.c. ... | 11 |
| Sample with coliform organisms present in 100 c.c. ... | 1 |

DRAINAGE AND SEWERAGE.

There have been no extensions of foul sewers or surface water drains during the year 1944.

HOUSING.

No new houses have been erected either by the Local Authority or Private Enterprise.

H. GUFFOGG, M.INST.M. & CY.E.
Borough and Water Engineer.

HOUSING STATISTICS, 1944.

1. Inspection of Dwellinghouses during the Year :—

- | | |
|---|-----|
| (1) (a) Total Number of dwellinghouses inspected for housing defects (under Public Health and Housing Acts) | 173 |
| (b) Number of inspections made for the purpose... | 435 |
| (2) (a) Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 | 6 |
| (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | — |
| (4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 167 |

2. Remedy of Defects during the year without service of Formal Notices :—

| | |
|---|-----|
| Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers | 147 |
|---|-----|

FOOD AND DRUGS ACT, 1938.

The following samples were taken and submitted to the Borough Public Analyst :—

| Article | No. of samples taken | Genuine | Not Genuine | Remarks |
|---|----------------------|---------|-------------|---|
| Milk ... (Taken by Mr. W.A. Healey) | 19 | 16 | 3 | Vendor fined £5 plus £2-2-0 Advocate Fees ⊗ £1-1-0 Analyst Fees Vendor fined £8 plus £5-5-0 Costs Vendor fined £10 plus £2-2-0 Advocate Fees ⊗ £2-2-0 Analyst Fees |
| Coffee ... | 2 | 2 | — | — |
| Ginger Biscuit Mixture ... | 1 | 1 | — | — |
| Pepper ... | 2 | 2 | — | — |
| Sugar of Milk Powder ... | 1 | 1 | — | — |
| Sausages ... | 3 | 3 | — | — |
| Bicarbonate of Soda ... | 2 | 2 | — | — |
| Limeade ... | 1 | 1 | — | — |
| California Syrup of Figs ... | 2 | 2 | — | — |
| Bronchial Mix. | 1 | 1 | — | — |
| Soya Flour ... | 1 | 1 | — | — |
| Potted Meat ... | 3 | 3 | — | — |
| Peppermint Cor. | 1 | 1 | — | — |
| Cream of Tartar | 1 | 1 | — | — |
| Cake Flour ... | 1 | 1 | — | — |
| Baking Powder | 1 | 1 | — | — |
| Sponge Mixture | 1 | 1 | — | — |

Infectious Diseases.

DIPHTHERIA. During the year there were 12 cases, and no deaths. 12 cases treated in hospital. The number of cases in 1943 was 62.

ERYSIPELAS. 7 cases. 2 cases in 1943.

SCARLET FEVER. 28 cases. No deaths. 37 cases in 1943.

PUERPERAL PYREXIA. 1 case. No cases in 1943.

WHOOPING COUGH. 48 cases. 95 cases in 1943.

MEASLES. 249 cases. 83 cases in 1943.

PNEUMONIA. 6 cases compared with 8 in 1943.

SMALLPOX. There were no cases notified during the year.

DIPHTHERIA IMMUNISATION.

Number of Children who completed course during the year 1944 :—

| | | | |
|----------------------|-----|-----|-------------|
| under 5 years | ... | 202 | } TOTAL 210 |
| Between 5 & 15 years | | 8 | |

Percentage of Child Population immunised at 31st December under 5 years, 56.11 ; age 5 years but under 15 years, 98.95

General.

There is a disinfecting and cleansing Station where verminous persons and their belongings can be treated, also cases of Scabies in school children may have baths. There is also a bath at the school clinic.

25 Diphtheria swabs were examined. Arrangements have been made for examinations if required of swabs for Puerperal Pyrexia.

TUBERCULOSIS.

There were 5 new cases of Pulmonary Tuberculosis and 6 deaths, new Non-Pulmonary cases of Tuberculosis were 12 and 8 deaths.

| Age Periods | New Cases | | | | Deaths | | | | |
|--------------|---------------|----|----|----|---------------|----|----|----|---|
| | Non-Pulmonary | | | | Non-Pulmonary | | | | |
| | | | | | | | | | |
| | M. | F. | M. | F. | M. | F. | M. | F. | |
| Year | | | | | | | | | |
| 0-1 | — | — | — | — | — | — | — | — | |
| 1-5 | — | — | | | — | — | — | — | |
| 5-10 | — | 1 | 1 | | — | — | — | — | |
| 10-15 | — | — | 2 | 2 | — | — | — | — | |
| 15-20 | 1 | 1 | — | 1 | — | — | — | — | |
| 20-25 | 1 | 1 | — | — | 2 | — | — | — | |
| 25-35 | — | — | — | 2 | — | 2 | — | — | |
| 35-45 | — | — | — | 2 | — | 1 | — | — | |
| 45-55 | — | — | 1 | 1 | 1 | — | — | 1 | |
| 55-65 | — | — | — | — | — | — | — | — | |
| 65 & upwards | — | — | — | — | — | — | — | 1 | |
| Totals : | 2 | 3 | 4 | 8 | 3 | 3 | — | 2 | |
| | 5 | | 12 | | 6 | | 2 | | |
| 1943 Totals | ... | 5 | 4 | 4 | 5 | 6 | 4 | 3 | 1 |
| | | 9 | | 9 | | 10 | | 4 | |
| 1942 Totals | ... | 12 | 5 | 9 | 6 | 9 | 4 | — | 1 |
| | | 17 | | 15 | | 13 | | 1 | |
| 1941 Totals | ... | 12 | 8 | 7 | 15 | 4 | 6 | 1 | — |
| | | 20 | | 22 | | 10 | | 1 | |

MATERNITY AND CHILD WELFARE.

106 women made 189 attendances at the Ante-Natal Clinic during 1944. These figures are very satisfactory ; showing how the services rendered are appreciated.

Dr. Rickards is available through any of the local practitioners for cases of abnormal confinement.

The Infantile Mortality Rate for the year was 32.36 deaths per 1,000 Live Births, against 43.47 for 1943. The births were 309 against 287 for 1943. There were 6 Still-Births for 1944, against 12 for 1943.

There were 16 deaths of infants under 1 year of age compared with 13 for 1943.

The Milk (Mother and Children) Order, 1939, has been carried out according to the Ministry of Health Scale.

Measles, Whooping Cough, Epidemic Diarrhoea, and Pemphigus Neonatorum are visited by the Health Visitor.

134 Mothers were confined at Moorlands Maternity Home against 121 for 1943. 36 Mothers confined in other hospitals or nursing homes outside the district. 12 St. Mary's Hospital ; 1 Birch Hill Hospital ; 10 Brierfield ; 11 Bury ; 1 Manchester ; 1 Jericho. Total 170.

Dr. A. Callum, of Burnley is the Consultant for Puerperal Pyrexia cases, and is available through the Medical Officer of Health.

Maternal Deaths are investigated by Dr. Hall, the County Medical Officer of Health.

Visits paid by the Health Visitor during the year 1944 :—

| | | | | | |
|--|-----|-----|-----|-----|------|
| To Expectant Mothers | ... | ... | ... | ... | 124 |
| To infants under 1 year (first visits) | ... | ... | ... | ... | 283 |
| To infants under 1 year (total visits) | ... | ... | ... | ... | 969 |
| To children 1-5 years (total visits) | ... | ... | ... | ... | 1169 |
| Visits re still-births | ... | ... | ... | ... | 6 |
| Ophthalmia Neonatorum cases visited | ... | ... | ... | ... | — |
| Puerperal Pyrexia cases visited | ... | ... | ... | ... | — |
| Whooping Cough cases visited | ... | ... | ... | ... | — |
| Measles cases visited | ... | ... | ... | ... | 16 |
| Pemphigus Neonatorum cases visited | ... | ... | ... | ... | — |

The Maternity Centre was open 51 times when Mothers and Guardians made 2,713 attendances and children 2,904.

Orthopaedic Clinic Held at Rawtenstall.

The following Table shows the number of Bacup children, of school age who attended the Orthopaedic Clinic for treatment during the year ended the 31st December, 1944.

| Sex | Age Yrs. | Diagnosis. | ATTENDANCE | | School |
|-----|-------------|---------------------------------------|---------------------|--------------------|---------------|
| | | | Surgeon's Clinic | Ordinary Clinic | |
| M. | 12 | Old Polio & Amputation Leg | 3 | 2 | Blackthorn |
| F. | 8 | Old Fracture Elbow ... | 3 | 2 | Sharneyford |
| F. | 5 | C.T.E. Varus | 5 | 2 | Tunstead |
| F. | 14 | Ac. A.P.M. Lower Limb Left | 4 | 1 | St. Mary's |
| F. | 12 | Act. A.P.M. Left Leg & Foot | 3 | — | Blackthorn |
| M. | 4 | Flat Feet | 1 | — | St. Mary's |
| F. | 12 | Pseudo Coxalgia Left ... | 4 | — | Tunstead |
| F. | 7 | Multiple Cong. Def. ... | 4 | 2 | Thorn |
| M. | 6 | Birth Palsy Rt. Arm ... | 2 | — | Mount |
| M. | 7 | Tuberculosis Hip Rt. ... | 3 | — | St. Saviour's |
| F. | 13 | Spina Bifida | 1 | — | Blackthorn |
| M. | 13 | Claw Feet | 1 | — | B.R.G.S. |
| F. | 12 | Hallux Valgus | 2 | 4 | Western |
| F. | 15 | A.P.M. Left Leg | 1 | — | Left School |
| F. | 10 | Valgus Feet — | 1 | 4 | St. Joseph's |
| F. | 11 | Pasn, Left Ankle | 1 | — | St. Saviour's |
| M. | 5 | Inf. Paralysis Left Leg ... | 1 | 2 | Sharneyford |
| F. | 5 | Knock Knee | 3 | — | Mount |

Three boys and three girls received treatment in the Biddulph Grange Orthopaedic Hospital during the year. Two boys and one girl still under treatment. One boy (Multiple Deformities) unsuitable for Education in ordinary Elementary School—certified as educable in Special School.

List of Bacup Children under school age who attended the Clinic during the year 1944.

Maternity and Child Welfare Return.

| Sex | Age | Diagnosis | Attendance | |
|-----|-------|--|---------------------|--------------------|
| | | | Surgeon's Clinic | Ordinary Clinic |
| M. | 2 | C.T.E. Varus | 3 | 3 |
| F. | 3 | Left Hemiplegia | 3 | — |
| M. | 4 | Valgus ankles and knock knee... .. | 2 | — |
| M. | 1 | Mild Bow Legs | 2 | — |
| M. | 3 | Inf. Hemiplegia—Left | 1 | — |
| M. | 3 | Flat Feet | 2 | — |
| F. | 2 | Sterno-mastoid Tumour rt. | 1 | — |
| M. | 2 | ? Recent A.P.M. L.Sh'der | 2 | — |
| M. | 1 mth | R. Club Foot | 4 | 10 |
| M. | 2 | Pigeon Toe | 2 | — |
| M. | 1 | Weak Knees | 1 | — |
| F. | 1 | Mild Bow Legs | 2 | — |
| F. | 1 | Valgus Ankles | 2 | — |
| F. | 2 | Valgus Ankles | 1 | — |
| F. | 3 | Con- Hypertrophy left lower limb | 1 | — |

One boy received treatment at the Marple Orthopaedic Hospital and one girl received treatment at the Biddulph Grange Orthopaedic Hospital during the year. One girl is still in.

FACTORIES AND OTHER PREMISES.

1. Inspection of Factories and Other Premises.

| Premises | Number of | | |
|---|-------------|-----------------|----------------------|
| | Inspections | Written Notices | Occupiers Prosecuted |
| Factories (with Mechanical Power) | 10 | 4 | — |
| Factories without Mechanical power ... | 6 | — | — |
| Other Premises (Other than Outworkers' Premises) | — | — | — |
| Total ... | 16 | 4 | — |

2. Defects Found in Factories and Other Premises.

| Particulars | Number of Defects | | | Number of Offences in respect of which Prosecutions were taken |
|---|-------------------|----------|-------------------------|--|
| | Found | Remedied | Referred to H.M. Inspt. | |
| Nuisances under the Public Health Acts :— | | | | |
| Want of Ventilation to W.C. | 1 | 1 | — | — |
| Want of Cleanliness to WC's | 1 | 1 | — | — |
| W.C.'s of antiquated type | 1 | 1 | — | — |
| Additional W.C. provided | 1 | 1 | — | — |
| Approach to W.C. not separate | 1 | 1 | — | — |
| Other Nuisances | 2 | 2 | — | — |
| TOTALS ... | 7 | 7 | — | — |

INFECTIOUS DISEASES.

Number of cases of Infectious Diseases notified, and number of cases removed to Hospital during the year 1944.

| Disease | Total Cases | Cases Notified Years | | | | | | | | | | | | | Total Cases removed to Hospital |
|-----------------------------------|----------------|-------------------------|-----|-----|-----|-----|----------|-----------|-----------|-----------|-----------|-----------|----------|---|---|
| | | -1 | 1-2 | 2-3 | 3-4 | 4-5 | 5- 10 | 10- 15 | 15- 20 | 20- 35 | 35- 45 | 45- 65 | 65- + | | |
| Smallpox ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Scarlet Fever ... | 27 | - | 1 | - | 3 | 4 | 12 | 4 | | | - | - | - | - | |
| Diphtheria ... | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | |
| Enteric Fever ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Measles, excluding | | | | | | | | | | | | | | | |
| German Measles ... | 220 | 6 | 16 | 23 | 25 | 41 | 102 | 4 | 1 | 1 | 1 | - | - | - | |
| Whooping Cough ... | 48 | 5 | 5 | 6 | 9 | 6 | 17 | - | - | - | - | - | - | - | |
| Acute Pneumonia | 7 | - | 1 | 1 | - | - | - | - | - | 1 | - | 2 | 2 | - | |
| (Primary and Influenzal) | | | | | | | | | | | | | | | |
| Puerperal Pyrexia .. | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | |
| Cerebro-spinal Fever | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Acute Poliomyelitis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Encephalitis | | | | | | | | | | | | | | | |
| Lethargica ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Dysentery ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Ophthalmia | | | | | | | | | | | | | | | |
| Neonatorum ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Malaria :— | | | | | | | | | | | | | | | |
| Contracted in this country ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Abroad ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Erysipelas ... | 7 | - | - | - | - | - | - | - | - | - | 2 | 3 | 2 | - | |
| Acute Polio | | | | | | | | | | | | | | | |
| Encephalitis ... | 2 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | 2 | |
| Pemphigus | | | | | | | | | | | | | | | |
| Neonatorum ... | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| TOTALS ... | 314 | 12 | 23 | 31 | 40 | 51 | 132 | 9 | 1 | 3 | 3 | 5 | 4 | 5 | |

REPORT OF CHIEF SANITARY INSPECTOR AND CLEANSING SUPERINTENDENT.

Sanitary Inspector's Office,
Rochdale Road,
BACUP,

August, 1945.

TO HIS WORSHIP THE MAYOR, ALDERMEN AND BURGESSES
OF THE BOROUGH OF BACUP.

MR. MAYOR, LADIES AND GENTLEMEN,

I beg to submit my fifth Annual Report of the Work done by the Sanitary Department during the year 1944.

SANITARY INSPECTION OF THE DISTRICT.

| | | | | | | |
|--|-------|-----|-----|-----|-----|------|
| Total Number of Inspections | ... | ... | ... | ... | ... | 1692 |
| Complaints Investigated... | ... | ... | ... | ... | ... | 99 |
| Bakehouses Inspected | ... | ... | ... | ... | ... | 20 |
| Farms Inspected (Cowsheds and Dairies) | ... | ... | ... | ... | ... | 49 |
| Drainage Inspections | ... | ... | ... | ... | ... | 15 |
| Drains tested with Colour Test... | ... | ... | ... | ... | ... | 7 |
| Drains tested with Smoke Machine | ... | ... | ... | ... | ... | 3 |
| Dwellinghouses Inspected—Housing Acts | | ... | ... | ... | ... | 6 |
| Dwellinghouses Re-inspected—Housing Acts | ... | ... | ... | ... | ... | 18 |
| Dwellinghouses Inspected—Public Health Acts | ... | ... | ... | ... | ... | 167 |
| Dwellinghouses Re-inspected—Public Health Acts | ... | ... | ... | ... | ... | 417 |
| Dwellinghouses Inspected—Infectious Diseases | ... | ... | ... | ... | ... | 34 |
| Factories Inspected | ... | ... | ... | ... | ... | 16 |
| Milk Samples submitted for Chemical Examination | ... | ... | ... | ... | ... | 19 |
| Milk Samples submitted for Bacteriological Examination | ... | ... | ... | ... | ... | 24 |
| Milk Samples examined for Tubercle Bacilli | ... | ... | ... | ... | ... | 16 |
| Water Samples submitted for Bacteriological Examination | ... | ... | ... | ... | ... | 6 |
| Inspections of Public Sanitary Conveniences | ... | ... | ... | ... | ... | 83 |
| Public Cleansing Service (Visits to Tips, Salvage, etc.) | ... | ... | ... | ... | ... | 167 |
| Butchers Shops Inspections | ... | ... | ... | ... | ... | 36 |
| Market Stalls Inspections | ... | ... | ... | ... | ... | 14 |
| Books disinfected... | ... | ... | ... | ... | ... | 45 |
| Rooms and Houses disinfected | ... | ... | ... | ... | ... | 31 |
| Meat and Food Inspections (Pigs examined 49) | — | ... | ... | ... | ... | 92 |
| Offensive Trades Premises Inspected | ... | ... | ... | ... | ... | 8 |
| Justices' Warrants enforced under Sec. 187 Public Health Act, 1936 | ... | ... | ... | ... | ... | 2 |
| Rodent Control—Premises surveyed | ... | ... | ... | ... | ... | 119 |
| Prebait (unpoisoned) laid | ... | ... | ... | ... | ... | 1127 |
| Poison Baits laid | ... | ... | ... | ... | ... | 528 |
| Poison Baits taken | ... | ... | ... | ... | ... | 161 |
| Estimated Number of Rats killed | ... | ... | ... | ... | ... | 660 |
| Miscellaneous Visits—Public Air Raid Shelter Inspections, Lectures, Interviews, Surveys, etc.) | ... | ... | ... | ... | ... | 179 |

SUMMARY OF SANITARY IMPROVEMENTS EFFECTED.

Public Health Act, 1936.

Bacup Corporation Act, 1906.

Interior of Houses.

| | | | | | | |
|--|-----|-----|-----|-----|-----|----|
| Dirty Houses Cleansed | ... | ... | ... | ... | ... | 2 |
| Sink Waste Pipes Repaired or Renewed... | ... | ... | ... | ... | ... | 6 |
| Water Service Pipes Repaired or Renewed | ... | ... | ... | ... | ... | 10 |
| Plaster Ceilings Repaired | ... | ... | ... | ... | ... | 5 |
| Chimney flues Repaired | ... | ... | ... | ... | ... | 2 |
| New Glazed Sink provided | ... | ... | ... | ... | ... | 1 |
| Bugs infested house sprayed with Solution B. | ... | ... | ... | ... | ... | 2 |
| Council Houses fumigated with Hydrogen Cyanide by Undertakers | ... | ... | ... | ... | ... | 4 |
| New Sash Cords fixed | ... | ... | ... | ... | ... | 6 |
| Firerange fixed | ... | ... | ... | ... | ... | 1 |

Exterior of Houses.

| | | | | | | |
|---------------------------------------|-----|-----|-----|-----|-----|---|
| Roofs repaired | ... | ... | ... | ... | ... | 3 |
| New Eavesgutters fixed or repaired | ... | ... | ... | ... | ... | 6 |
| Rain Water Pipes repaired or renewed | ... | ... | ... | ... | ... | 5 |
| New Skylight Window Fixed | ... | ... | ... | ... | ... | 1 |
| Improvement in Water Supply to Houses | ... | ... | ... | ... | ... | 3 |
| Dangerous hung slates removed | ... | ... | ... | ... | ... | 1 |

Yards and Outbuildings.

| | | | | | | |
|---------------------------|-----|-----|-----|-----|-----|---|
| Yard Paving asphalted | ... | ... | ... | ... | ... | 1 |
| Workshop Chimney extended | ... | ... | ... | ... | ... | 1 |
| New Coal-place Door fixed | ... | ... | ... | ... | ... | 1 |

Drainage.

| | | | | |
|------------------------------------|-----|-----|-----|----|
| Choked Drains and Gullies cleansed | ... | ... | ... | 12 |
| Drains re-laid | ... | ... | ... | 1 |

Water Closets.

| | | | | |
|----------------------------------|-----|-----|-----|---|
| W.C. Pans renewed | ... | ... | ... | 1 |
| New W.C. compartments Door fixed | ... | ... | ... | 1 |
| W.C. Drains repaired | ... | ... | ... | 2 |
| W.C. Service Pipe repaired... | ... | ... | ... | 2 |
| W.C. Drains cleared | ... | ... | ... | 3 |

Waste water closets.

| | |
|---|---|
| Waste water closets converted to Fresh Water Closets... | 3 |
|---|---|

Factories.

| | | | | |
|---|-----|-----|-----|---|
| Tubular Ventilator fitted to Sanitary Accommodation | ... | ... | ... | 1 |
| W.C. reconstructed in Works Yard | ... | ... | ... | 1 |
| Separate approaches for sexes provided to W.C's. | ... | ... | ... | 1 |
| W.C. provided | ... | ... | ... | 1 |

Farms

| | | | | |
|---|-----|-----|-----|---|
| Shippon Walls reconstructed | ... | ... | ... | 1 |
| New Concrete Standings provided | ... | ... | ... | 2 |
| Walls rendered in cement | ... | ... | ... | 2 |
| Additional Windows provided in shippon | ... | ... | ... | 2 |
| Milking Passage constructed in concrete | ... | ... | ... | 1 |
| New Shippon constructed | ... | ... | ... | 1 |

Miscellaneous.

| | | | | |
|--|-----|-----|-----|----|
| Nuisance from pig-keeping abated | ... | ... | ... | 1 |
| Bedding and Blankets steam disinfected | ... | ... | ... | 50 |
| Statutory Notices issued | ... | ... | ... | 1 |
| Preliminary Notices issued... | ... | ... | ... | 58 |

MILK SUPPLY.

Bacteriological Examination of Milk.

24 Samples of Undesignated Milk were submitted for examination, according to the tests prescribed for "Accredited Milk", 4 of these or 16.66% failing to pass the tests.

4 Samples of "Pasteurised" Schools Milks were examined; 1 only failed to pass the prescribed tests.

23 Samples were examined from bulk supplies from local farms and submitted for examination for the presence of tubercle bacilli. In only one case was a positive report received. The facts were reported to the County Council and appropriate action taken under the provisions of the Tuberculosis Order, 1938.

One Tuberculin Tested Milk Producer's Licence has been issued during the year.

Two supplementary Licences to retail "Pasteurised" Milk in the Borough have been renewed.

Food and Drugs Act, 1938.

The following Samples of Milk were taken and submitted by me to the Public Analyst for examination :—

19 samples of milk were examined of which 3 were found to be not genuine.

| Milk Sample No. | Adulteration | Result of Police Court Proceedings |
|-----------------|-----------------------|--|
| 425 | 37% Deficiency of fat | Vendor fined £5 plus £2.2-0 Advocate Fees and £1-1-0 Analyst Fees |
| 430 | 5% added water | Vendor fined £8 plus £5-5-0 costs |
| 440 | 4% added water | Vendor fined £10 plus £2-2-0 Advocate Fees and £2-2-0 Analyst Fees |

The average composition of Milk produced in the Borough is given below together with the standard laid down by the Board of Agriculture :—

| | Total Solids. | Milk Fat. | Solids not fat. |
|-------------------------------|---------------|-----------|-----------------|
| Board of Agriculture Standard | 11.5% | 3.0% | 8.5% |
| Average of 19 samples ... | 12.52% | 3.64% | 8.88% |

Factories Act, 1937.

16 visits have been made under the above Act. 3 Notices were served. 4 Inspections have been made of Outworkers Premises (See Table shewing Defects found in Factories and Other Premises).

PUBLIC CLEANSING SERVICE.

The Health Committee are responsible for the Cleansing and Disposal of Contents of Ashpits, Privy middens, Dustbins, Cess-pools and Pail-Closets and for the cleansing and maintenance of Public Sanitary Conveniences.

Storage. The following are the types of receptacles in use at the 31st March, 1944 :—

| | | | |
|-------------------------|-----|-----|------|
| Fixed Ashpits ... | ... | ... | 5 |
| Dustbins ... | ... | ... | 6553 |
| Privy middens ... | ... | ... | 4 |
| Pail Closets ... | ... | ... | 156 |
| Waste water closets ... | ... | ... | 412 |

Refuse Collection service.

The collection of domestic and trade refuse is performed by two S. & D. 7 cu. yd. Refuse Collection vehicles. Despite labour difficulties few complaints of non-emptying of dustbins have been received. A weekly collection of domestic refuse has been aimed at except in two areas selected for a fortnightly refuse collection service. The collection of salvage and kitchen scraps is still maintained.

Refuse Disposal.

All refuse is disposed of by Controlled Tipping on two tips—one at Change and the other known as Blackwood Tip, Stacksteads.

During the year 189 dustbins have been sold and delivered by this Department.

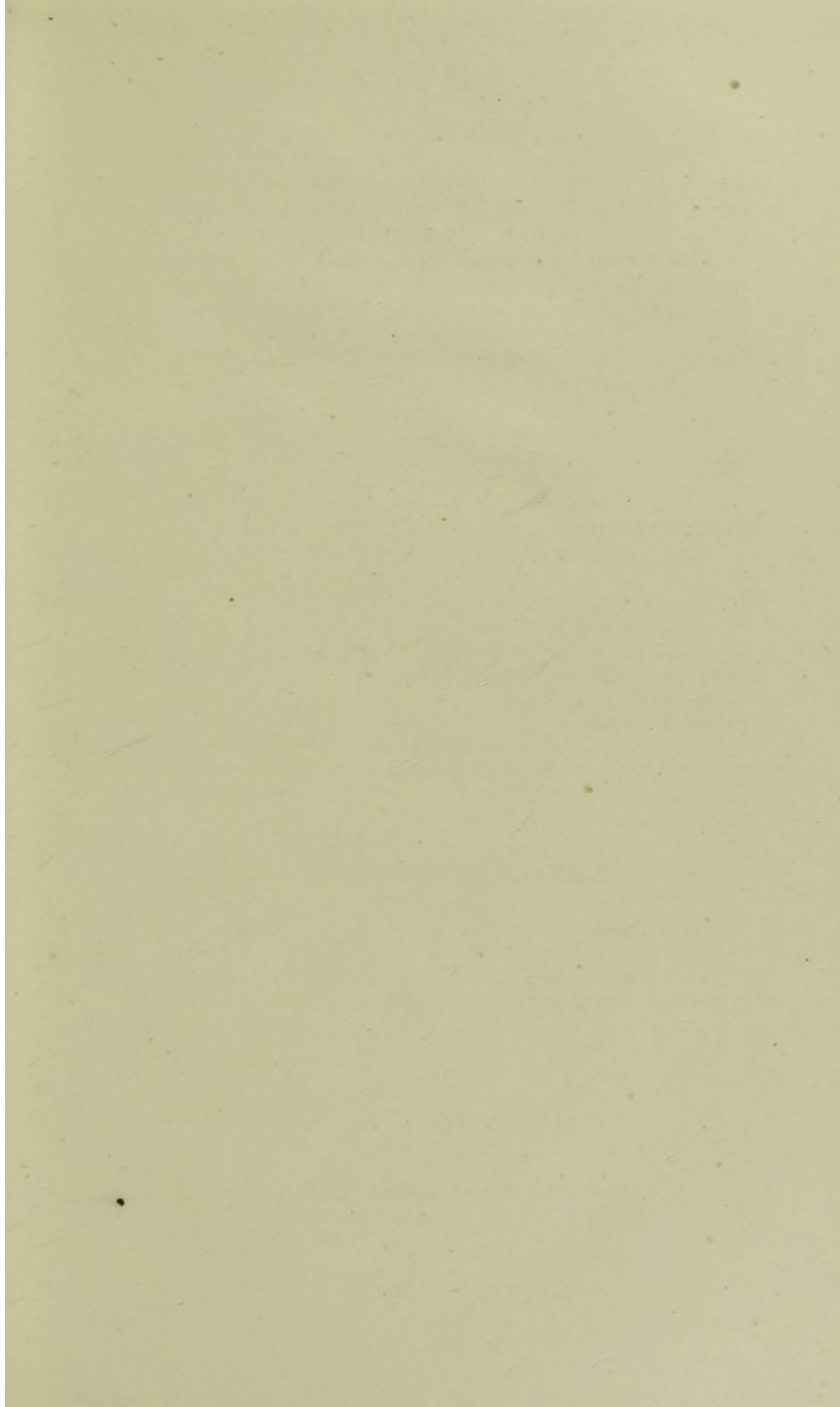
SALVAGE OF WASTE MATERIALS.

| | Tons | Cwts. | Qrs. | Lbs. | £ | s. | d. |
|---------------------------|------|-------|------|------|-----|----|----|
| Waste Paper ... | 68 | 15 | 1 | — | 462 | 6 | 3 |
| Black Scrap (Iron) ... | 3 | 5 | 1 | — | 8 | 0 | 10 |
| Non Ferrous Scrap ... | | 7 | 3 | 7 | 7 | 13 | 9 |
| Textiles (Rags, etc.) ... | 1 | 14 | 1 | 14 | 27 | 6 | 1 |
| Rubber ... | | 3 | 2 | — | | 3 | 6 |
| Household Bones ... | 1 | 8 | — | — | 6 | 12 | 3 |
| Kitchen Scraps ... | 54 | 5 | 3 | — | 98 | 13 | 1 |

| | | | | | | | |
|----------|-----|----|---|----|------|----|---|
| TOTALS : | 129 | 19 | 3 | 21 | £610 | 15 | 9 |
|----------|-----|----|---|----|------|----|---|

I am, Mr. Mayor, Ladies and Gentlemen,
Your Obedient Servant,

W. A. HEALEY.



REPORT ON THE

PROGRESS OF THE WORK DURING THE YEAR 1900

BY THE DIRECTOR

THE NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C.
1901

CONTENTS

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Introduction

Work of the Bureau

Relative Collection of Data

The collection of data is a very important part of the work of the Bureau. It is the basis of all the work that is done. The collection of data is done in a systematic way. It is done in a way that is consistent and reliable. It is done in a way that is accurate and complete. It is done in a way that is efficient and economical. It is done in a way that is fair and equitable. It is done in a way that is honest and truthful. It is done in a way that is just and right. It is done in a way that is good and beautiful. It is done in a way that is great and glorious. It is done in a way that is perfect and complete. It is done in a way that is eternal and everlasting. It is done in a way that is forever and ever. It is done in a way that is amen.

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RELATIVE COLLECTION OF DATA

Table

| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 1900 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1901 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1902 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1903 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1904 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1905 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1906 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1907 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1908 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1909 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1910 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

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