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CITY OF YORK

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# ANNUAL REPORT

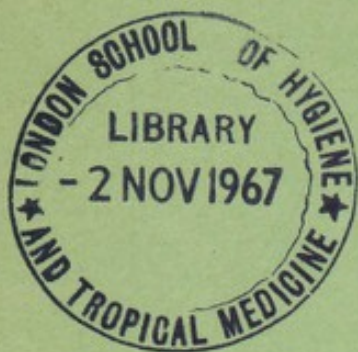
of the

MEDICAL OFFICER OF HEALTH

for the year

1952

66173





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## THE HEALTH COMMITTEE.

THE LORD MAYOR

(ALDERMAN C. W. WRIGHT, J.P.)

*Chairman*—ALDERMAN FRANK WRIGHT

*Vice-Chairman*—ALDERMAN Rev. R. V. BAINTON

|  |          |        |             |        |       |
|--|----------|--------|-------------|--------|-------|
| Ald.   | CRICHTON | Counc. | HOPPER      | Counc. | BURKE |
| Counc.   | DE BURGH | "      | W. M. BROWN | "      | KIRK  |
| "  | WIGHTMAN | "      | LEARMONTH   | "      | JAMES |
| "  | MARKS    | "      | SPOFFORTH   | "      | WOOD  |
| Co-opted Members—Drs. S. A. UNDERWOOD and F. C. NAISH, Miss H. M. SMITHSON, Mrs. M. C. TUTE and W. BEDFORD, Esq. |          |        |             |        |       |

## MATERNITY AND GENERAL WELFARE SUB-COMMITTEE.

|  |                     |        |           |
|--|---------------------|--------|-----------|
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| "  | REV. BAINTON        | "      | WOOD      |
| Counc.   | DE BURGH            | "      | JAMES     |
| "  | WIGHTMAN            |        |           |
| Miss H. M. SMITHSON, Dr. F. C. NAISH and Mrs. M. C. TUTE |                     |        |           |

## MENTAL HEALTH SUB-COMMITTEE.

|        |                         |        |             |
|--------|-------------------------|--------|-------------|
| Ald.   | FRANK WRIGHT (Chairman) | Counc. | W. M. BROWN |
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| Counc. | DE BURGH                | "      | KIRK        |
| "      | WIGHTMAN                | "      | WOOD        |
| "      | SPOFFORTH               |        |             |

## SANITARY SERVICES AND UNHEALTHY AREAS SUB-COMMITTEE.

|        |                         |        |                     |
|--------|-------------------------|--------|---------------------|
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| "      | REV. BAINTON            | "      | W. M. BROWN         |
| Counc. | MARKS                   | "      | BURKE               |
| "      | HOPPER                  | "      | Dr. S. A. UNDERWOOD |

## HEALTH CENTRES SUB-COMMITTEE.

|  |                         |        |           |
|--|-------------------------|--------|-----------|
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| "  | REV. BAINTON            | "      | LEARMONTH |
| "  | CRICHTON                | "      | JAMES     |
| Counc.   | WIGHTMAN                |        |           |
| Drs. UNDERWOOD and NAISH, Miss H. M. SMITHSON and W. BEDFORD, Esq. |                         |        |           |

## AMBULANCE SERVICE SUB-COMMITTEE.

|        |                         |        |                     |
|--------|-------------------------|--------|---------------------|
| Ald.   | FRANK WRIGHT (Chairman) | Counc. | MARKS               |
| "      | REV. BAINTON            | "      | WOOD                |
| Counc. | LEARMONTH               |        | Dr. S. A. UNDERWOOD |
| "      | HOPPER                  |        |                     |

## APPOINTMENTS SUB-COMMITTEE.

|      |                         |        |                     |
|------|-------------------------|--------|---------------------|
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| "    | CRICHTON                |        | Miss H. M. SMITHSON |
| "    | Rev. BAINTON            |        |                     |





*Veterinary Surgeon—*

J. W. PROCTER, M.R.C.V.S. (part-time)

*Public Analyst—*

HUGH CHILDS, B.Sc., F.I.C., (Sheffield (part-time))

*Housing and Drainage Inspector—*

J. WILSON, C.R. San. Inst., Cert. San. Sc., Cert. Meat Inspector and Cert. Smoke Inspector.

*Special Inspector for Food Hygiene—*

H. HALL, C.S.I.J.B. and Cert. Meat Inspector

*Special Inspector for Meat—*

F. WALLS, C.S.I.J.B. and Cert. Meat Inspector

*Assistant Inspectors—*

\*A. COOKE, C.S.I.J.B. and Cert. Meat Inspector

A. M. ALLAN, C.S.I.J.B.

P. D. BEADLE, C.S.I.J.B.

J. N. ADDISON, C.S.I.J.B. and Cert. Meat Inspector (to 6.7.52)

W. H. BLACKBURN, C.S.I.J.B. and Cert. Meat Inspector

G. BAILLIE, C.S.I.J.B. (from 1.1.52)

G. W. LILLEY, C.S.I.J.B. and Cert. Meat Inspector (from 8.12.52)

*Rodent Operative—*

S. J. C. NORRIS

*AMBULANCE SERVICE—*

*Ambulance Officer—*L. P. SAWYER, M.R.I.P.H.H.

*Assistant Ambulance Officer—*H. BASTICK

*Clerk—*J. A. CROFT

*DAY NURSERIES—*

*Supervising Matron and Matron, Crombie Avenue Nursery—*

Miss M. K. VOLANS, S.R.N., S.C.M.

*Matron, Heworth Nursery—*

Mrs. R. PICKERING, Cert. of Nursery Training College, A.R.S.I. (to 2.8.52)

Miss E. C. OTTER, Certified Nursery Nurse (from 20.11.52)

*Health Visitors—*

Miss M. J. MARSHALL, S.R.N., S.C.M., H.V. Certificate (Superintendent Health Visitor)

Mrs. E. JACKSON, S.R.N., S.C.M., H.V. Certificate (to 23.11.52)

Miss A. DUNLAVEY, S.R.N., S.C.M., H.V. Certificate

† Mrs. A. E. WITHEY, S.R.N., S.C.M., H.V. Certificate (to 31.3.52)

Mrs. T. NIXON (Temp.), S.R.N., S.C.M., H.V. Certificate

Miss M. C. KELLY, S.R.N., S.C.M., H.V. Certificate

Miss D. ROBINSON, S.R.N., S.C.M., H.V. Certificate

Miss M. E. GRIFFIN, S.R.N., S.C.M., H.V. Certificate

Mrs. L. AARON, S.R.N., S.C.M., H.V. Certificate (to 15.5.52)

Miss A. W. MATHER, S.R.N., S.C.M., H.V. Certificate

Miss G. M. WINTERBURN, S.R.N., S.C.M., H.V. Certificate

Mrs. M. J. BANKS, S.R.N., S.C.M., H.V. Certificate (part-time)

\*—Transferred to Civil Defence Department as full-time Civil Defence Officer as from 2.10.50.

†—Transfer.



*Assistant Health Visitors—*

Mrs. E. LEONARD, S.R.N., S.C.M.

Mrs. D. E. JOBLING, S.R.N., S.C.M., Q.N. (part-time)

*District Nurses—*

Miss J. DOUGLAS, S.R.N., S.C.M., Q.N. (Senior District Nurse) (from 1.5.52)

Miss D. M. PAGE, S.R.N., Q.N.

Mrs. E. K. D'ARCY, S.E.A.N. (to 9.7.52)

Mrs. M. A. LIGHTOWLER, S.E.A.N.

Miss I. H. TRUELOVE, S.R.N.

Mrs. I. M. RICHARDSON, S.R.N.

Miss H. DYSON, S.R.N.

Miss J. F. GRETTON, S.R.N., S.C.M.

Mrs. A. KIDD, S.R.N.

Miss V. HARRISON, S.R.N., S.C.M., Q.N.

Mr. D. H. ROWE, S.R.N., Q.N.

Mr. J. CARROLL, S.R.N., Q.N., R.M.P.A.

Miss J. NOBLE, S.R.N., S.C.M., Q.N. (from 27.6.52)

Mrs. L. HARDIE, S.R.N., S.C.M., Q.N.

Mrs. V. WHILEY, S.R.N., S.C.M.

Mrs. W. LEWIS, S.R.N. (temp.) (to 17.5.52)

Mrs. E. K. D'ARCY, S.E.A.N. (temp.)

*Visitor for Gastric Follow-up Work—*

Mrs. C. M. DENT (part-time)

*Tuberculosis Visitors—*

Miss G. THOMSON, S.R.N., S.C.M., H.V. Certificate

† Mrs. A. E. WITHEY, S.R.N., S.C.M., H.V. Certificate (from 1.4.52)

*Health Welfare Officer—*

Mrs. M. E. JOHNSON

*Organiser of Home Helps—*

Mrs. N. HAKIM

*Part-time Non-Medical Supervisor of Midwives—*

Miss G. WOLLASTON, S.R.N., S.C.M., R.F.N., M.T.D. (to 31.8.52)

*Municipal Midwives—*

Mrs. B. BURKE, S.R.N., S.C.M.

Mrs. A. D. COULSON, S.C.M.

Mrs. E. RICHMOND, S.R.N., S.C.M.

Miss B. A. CONRICH, S.C.M.

Mrs. M. C. SKELTON, S.R.N., S.C.M.

Mrs. M. J. D. ROBERTSON (from 6.10.52).

Miss D. M. COOPER, S.C.M.

Miss L. M. WALKER, S.R.N., S.C.M.

Miss F. H. HICKES, S.C.M.

Miss A. E. BLACK, S.R.N., S.C.M. (to 31.7.52)

Miss W. D. MARTIN, S.R.N., S.C.M. (to 10.5.52)

Mrs. D. M. FORTUNE (from 18.8.52)

† Transfer.

*School Nurses—*

Mrs. E. M. DALTON, S.R.N., S.C.M.  
Miss E. STODDART, S.R.N., S.C.M.  
Miss M. CHETWYND, S.R.N.  
Miss D. A. NAIRN, S.R.N., S.C.M., H.V. Certificate  
Mrs. L. REYNOLDS, S.R.N.

*Dental Attendants—*

Miss R. E. GLEW (Dental Nurse's Certificate)  
Miss C. M. HAYCOCK (to 15.7.52)  
Miss A. PEARSON (from 31.10.52)

*Orthopaedic Nurse—*

Miss B. M. HALL, S.R.N., S.C.M., Orthopaedic Certificate

*Skin Clinic Nurse—*

Mrs. A. BATTLE, S.E.A.N.

*Senior Mental Welfare Officer—*

G. A. BRADLEY

*Assistant Mental Welfare Officers—*

H. BRITTON; A. MASKILL

*Home Teacher and Supervisor of Occupation Centre—*

Miss P. M. DOWNEY

*Assistant Supervisors—*

|                 |   |
|-----------------|---|
| Mrs. M. BESTLEY | Miss A. NEWSOME                           |
| Miss R. BROOKS  | Miss A. M. C. SAXBY (temp.) (from 1.9.52) |

**Clerical Staffs.**

(a) *Health Department—*

Chief Clerk—C. W. PRIME

Senior Clerks—L. W. RICHMAN, R. A. WILKINSON, G. J. MURPHY

General Clerks—W. V. HADLEY, Mrs. W. I. TIPLADY, Miss M. BEILBY, G. BILTON, †J. HENDERSON (to 30.6.52), G. BRIGGS, (to 17.12.52), J. COCKERILL (from 1.4.52)

(b) *Child Welfare Centre—*

Senior Clerk—Miss M. ATKINSON

Clerks—Miss E. HARWOOD, Miss E. A. KIRBY

(c) *Mental Welfare Department—*

Senior Clerk—P. HODGSON

Clerks—J. WEDGWOOD (to 17.2.52), Miss G. SNOWBALL, †J. HENDERSON (from 3.7.52)

(d) *School Clinic—*

Chief Clerk—Miss D. BLAKER

Clerks—Miss M. SOWRAY, Miss H. F. MILBURN, Mrs. R. STIRK (to 29.1.52), Miss C. M. LONSDALE, Miss M. H. WEST (from 15.12.52)

Clinical Clerks—Miss A. JOHNSON (to 31.12.52), Miss E. J. FARR (to 29.3.52), Miss M. H. WEST (from 15.4.52 to 14.12.52), Miss B. ASHFORD (from 15.12.52)

† Transfer.



# ANNUAL REPORT FOR 1952

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My Lord Mayor, Ladies and Gentlemen,

It is with pleasure that I present my Annual Report for the year 1952.

## **Survey of Health Services.**

In accordance with Ministry of Health Circular 29/52, a Survey of the Local Authority Health Services under the National Health Service Act is included as an appendix to this report.

## **Vital Statistics.**

These were on the whole satisfactory, the maternal mortality, infant mortality and tuberculosis mortality rates being lower than the average for England and Wales. The stillbirth rate of 28.3 per 1,000 total births, however, is higher than the average.

## **Maternity and Child Welfare.**

Plans approved by the Ministry of Health for a Maternity and Child Welfare Clinic on the Gale Lane Estate were deferred for reasons of economy, but it is hoped to commence building during the current financial year.

We were sorry to lose two of our health visitors for domestic reasons, particularly Mrs. Jackson, who had been on our staff for 21 years. A health visitor's most effective work is done when she is well known and established on her district, so that frequent changes, even with an adequate staff, are unsatisfactory.

## **Home Nursing.**

The Council resolution to extend the Home Nursing Service was implemented, and we welcomed the appointment of Miss Douglas as Senior District Nurse.

## **Ambulance Service.**

The increasing demands on the service continued during the year, but there is now evidence of work becoming stabilized. There is good co-operation with the hospitals and neighbouring authorities, and very little abuse so far as unnecessary calls are concerned. Considerable economy would be effected however if patients could be grouped for out-patient attendances according to the district of the City in which they live. This would also avoid some of the long waiting times which at present are unavoidable for patients conveyed by ambulance both before and after their appointments.

## **Mental Welfare.**

The number of York cases admitted annually to mental hospitals has increased steadily since the National Health Service Act became operative. Of the increase of 33 during the year under review, 23 were admitted as voluntary patients, 11 as temporary patients, and there was one fewer certification. This suggests that patients are more willing to go in voluntarily for early treatment, and if so, is a good sign.



The figures again focus attention on the need to develop a comprehensive mental health service in the City. Such a service would link all authorities providing facilities for the care of the mentally sick, and would establish a unit to include preventive treatment and after-care. The shortage of qualified mental health workers throughout the country is a serious problem, and it is only by co-ordinated schemes at local level that available workers can be used to the best advantage.

The proposed adaptation of premises for use as an adult industry centre for male defectives was deferred for reasons of economy. It is hoped to commence work during 1953.

### **Tuberculosis.**

The average waiting time of cases for admission to sanatoria dropped from 18 to 12 weeks, and the death rate was the lowest on record. The notification rate however has varied very little over the past 15 years. The introduction of Mass Radiography has probably contributed to the continued high notification rate, but there are still too many cases which are only diagnosed after death, or very late in the illness. They are a constant source of danger to the community, and every effort must be made to discover unknown sources of infection.

The Education Committee have agreed to a scheme for the tuberculin testing of school entrants, which will be implemented in 1953.

### **Cancer Education.**

A scheme to educate the public regarding the signs and symptoms of cancer in certain sites, and the value of early treatment, was launched during the year. Lectures were given to all health workers undertaking domiciliary visiting and to various voluntary organisations. Arrangements were made by the Yorkshire Council of the British Empire Cancer Campaign, for an office to be opened in York early in 1953, and for Dr. Malcolm Donaldson to be full-time director of an education campaign in York and the East Riding.

### **Food Hygiene.**

The Clean Food Campaign was continued, special attention being paid to the control of food sold in the open air, and the observance of byelaws covering such sale which became operative in 1950.

Meat inspection showed a disturbingly high incidence of disease, including tuberculosis. Relevant figures are included in the body of the report and indicate the extent of the work undertaken by the department to protect the public against diseases which might be conveyed by meat.

### **Refuse Collection.**

It was agreed during the year to extend the weekly collection of household refuse to all parts of the City. This is only one factor materially contributing to the health of the people which is under the control of committees other than the Health Committee. For willing co-operation from other committees we are most grateful.

To the Chairman and members of the Health Committee, to my professional colleagues in the City, my colleagues in other departments and to the staff of my own department, I tender my sincere thanks for their unfailing help during the year.

I am, my Lord Mayor, Ladies and Gentlemen,

Your obedient servant,

C. B. CRANE,

Medical Officer of Health and School

Medical Officer.



# CITY OF YORK

## Section A.

### Statistics and Social Conditions of the Area.

Area in acres: 6,474.

Population (Census, 1951), 105,336.

Total population, mid 1951 (Registrar-General's Estimate), 105,800.

Number of inhabited houses (Census, 1931), 20,120.

Number of inhabited houses (end of 1952) according to the rate-books, 30,950  
(including retail shops occupied as dwellings).

Average number of persons per inhabited house, 3.4.

Rateable value (April, 1952), £736,870.

Estimated net produce of a penny rate, £2,998.

### MARRIAGES.

|      |      |     |      | Marriage rate per 1,000 of total population. |     |                 |     |      |
|------|------|-----|------|--|-----|-----------------|-----|------|
|      |      |     |      | York   |     | England & Wales |     |      |
| Year | 1948 | ... | 978  | ...  | ... | 18.8            | ... | 18.1 |
| „    | 1949 | ... | 1047 | ...  | ... | 19.2            | ... | 17.0 |
| „    | 1950 | ... | 937  | ...  | ... | 17.4            | ... | 16.3 |
| „    | 1951 | ... | 977  | ...  | ... | 18.5            | ... | 16.4 |
| „    | 1952 | ... | 986  | ...  | ... | 18.6            | ... | 15.9 |

### VITAL STATISTICS, 1952.

(Registrar-General's Figures).

|             |        |     | Total | M.  | F.  |                             |                    |
|-------------|--------|-----|-------|-----|-----|-----------------------------|--------------------|
|             | Leg.   | ... |       |     |     |                             |                    |
| Live Births | Leg.   | ... | 1,482 | 739 | 743 | Birth-rate                  | ... 14.6 per 1,000 |
|             | Illeg. | ... | 79    | 42  | 37  |                             |                    |
| Stillbirths | Leg.   | ... | 44    | 28  | 16  | Rate per 1,000 total births | 28.3               |
|             | Illeg. | ... | 2     | 1   | 1   |                             |                    |
| Deaths      | ...    | ... | 1,202 | 633 | 569 | Death-rate                  | ... 11.9 per 1,000 |



| Deaths from Puerperal causes:— |     |     |     | Deaths | Rate per 1,000 total<br>(live and still) births. |
|--------------------------------|-----|-----|-----|--------|--|
| Puerperal Sepsis               | ... | ... | ... | —      | —  |
| Other Puerperal causes         | ... | ... | ... | 1      | 0.65   |
| Total                          | ... | ... | ... | 1      | 0.65   |

Deaths of infants under 1 year of age:—

|                            |     |     | Legitimate | Illegitimate | Total |
|----------------------------|-----|-----|------------|--------------|-------|
| Number                     | ... | ... | 31         | 2            | 33    |
| Rate per 1,000 live births | ... | ... | 21.9       | 26.5         | 22.2  |

Deaths of infants under 4 weeks of age:—

|                            |     |     |      |   |      |
|----------------------------|-----|-----|------|---|------|
| Number                     | ... | ... | 22   | — | 22   |
| Rate per 1,000 live births | ... | ... | 15.5 | — | 14.7 |

Stillbirths:—

|           |     |     |      |      |      |
|-----------|-----|-----|------|------|------|
| Number... | ... | ... | 44   | 2    | 46   |
| Rate      | ... | ... | 28.5 | 24.3 | 28.3 |

|                                      |     |     |     |     |     |     |
|--------------------------------------|-----|-----|-----|-----|-----|-----|
| Deaths from Cancer (all ages)        | ... | ... | ... | ... | ... | 202 |
| „ „ Measles (all ages)               | ... | ... | ... | ... | ... | —   |
| „ „ Whooping Cough (all ages)        | ... | ... | ... | ... | ... | 1   |
| „ „ Diarrhoea (under 2 years of age) | ... | ... | ... | ... | ... | 1   |

|  |      |                                    |
|--|------|------------------------------------|
| Death-rate of Diarrhoea and Enteritis (under 2 years)                    | 0.00 | } per 1,000 living<br>at all ages. |
| Death-rate of Bronchitis and Pneumonia and other<br>Respiratory Diseases | 1.08 |                                    |
| Pulmonary Tuberculosis death-rate  | 0.15 |                                    |
| Total Tuberculosis death-rate  | 0.18 |                                    |
| Cancer death-rate  | 2.00 |                                    |
| Epidemic Influenza death-rate  | 0.02 |                                    |

| Year.   | Estimated<br>Population | Total<br>(Nett)<br>BIRTHS | Birth-<br>rate | Total<br>(Nett)<br>DEATHS | Death-<br>rate | Excess of<br>Births<br>over Deaths |
|---------|-------------------------|---------------------------|----------------|---------------------------|----------------|------------------------------------|
| 1948    | 103700*                 | 1910                      | 18.4           | 1124                      | 10.8           | 786                                |
| 1949    | 104600*                 | 1815                      | 17.3           | 1249                      | 12.4           | 566                                |
| 1950    | 107700                  | 1725                      | 15.8           | 1216                      | 11.8           | 509                                |
| 1951    | 105200                  | 1556                      | 14.6           | 1286                      | 12.8           | 270                                |
| 1952    | 105800                  | 1561                      | 14.6           | 1202                      | 11.9           | 359                                |
| AVERAGE | ..                      | 1713                      | 16.1           | 1215                      | 11.8           | 498                                |

\*—Civilian only.

**CAUSES OF DEATH, 1950-1952.**  
(Revised International Table of Causes).

| Cause of Death                                  | Years |      |      |
|---|-------|------|------|
|   | 1950  | 1951 | 1952 |
| Tuberculosis, respiratory .. .. .               | 34    | 19   | 15   |
| Tuberculosis, other .. .. .                     | 2     | 1    | 3    |
| Syphilitic disease .. .. .                      | 6     | 6    | 5    |
| Diphtheria .. .. .                              | —     | —    | —    |
| Whooping Cough .. .. .                          | —     | 2    | 1    |
| Meningococcal infections .. .. .                | 1     | —    | —    |
| Acute poliomyelitis .. .. .                     | 2     | —    | 1    |
| Measles .. .. .                                 | 1     | 1    | —    |
| Other infective and parasitic diseases .. .. .  | 1     | 3    | —    |
| Malignant neoplasm, stomach .. .. .             | 40    | 42   | 24   |
| Malignant neoplasm, lung, bronchus .. .. .      | 29    | 24   | 41   |
| Malignant neoplasm, breast .. .. .              | 20    | 21   | 14   |
| Malignant neoplasm, uterus .. .. .              | 13    | 12   | 19   |
| Other malignant and lymphatic neoplasms .. .. . | 127   | 105  | 104  |
| Leukaemia, aleukaemia .. .. .                   | 7     | 4    | 6    |
| Diabetes .. .. .                                | 11    | 12   | 13   |
| Vascular lesions of nervous system .. .. .      | 152   | 170  | 188  |
| Coronary disease, angina .. .. .                | 149   | 178  | 169  |
| Hypertension with heart disease .. .. .         | 41    | 31   | 24   |
| Other heart disease .. .. .                     | 194   | 232  | 199  |
| Other circulatory diseases .. .. .              | 45    | 50   | 63   |
| Influenza .. .. .                               | 8     | 31   | 2    |
| Pneumonia .. .. .                               | 33    | 52   | 32   |
| Bronchitis .. .. .                              | 62    | 72   | 65   |
| Other diseases of respiratory system .. .. .    | 15    | 7    | 12   |
| Ulcer of stomach and duodenum .. .. .           | 12    | 24   | 16   |
| Gastritis, enteritis and diarrhoea .. .. .      | 7     | 2    | 3    |
| Nephritis and nephrosis .. .. .                 | 15    | 15   | 10   |
| Hyperplasia of prostate .. .. .                 | 8     | 14   | 12   |
| Pregnancy, childbirth, abortion .. .. .         | 3     | 2    | 1    |
| Congenital malformations .. .. .                | 13    | 11   | 5    |
| Other defined and ill-defined diseases .. .. .  | 121   | 102  | 110  |
| Motor vehicle accidents .. .. .                 | 8     | 7    | 11   |
| All other accidents .. .. .                     | 21    | 22   | 18   |
| Suicide .. .. .                                 | 14    | 8    | 14   |
| Homicide and operations of war .. .. .          | 1     | 4    | 2    |
| All Causes—TOTALS .. .. .                       | 1216  | 1286 | 1202 |



**Comparison of Certain Rates in York with similar Rates for Great  
Towns and for England and Wales.**

|   | England and<br>Wales | 126 County<br>Boroughs and<br>Great Towns<br>including York | York |
|---|----------------------|---|------|
| Births .. .. .                          | 15.3                 | 16.9  | 14.6 |
| Deaths .. .. .                          | 11.3                 | 12.1  | 11.9 |
| Maternal Mortality .. .. .              | 0.72                 | Not available   | 0.65 |
| Infant Mortality .. .. .                | 27.6                 | 31.2  | 22.2 |
| Stillbirths .. .. .                     | 22.6                 | 24.6  | 28.3 |
| Tuberculosis Mortality .. .. .          | 0.24                 | 0.28  | 0.18 |
| Poliomyelitis notifications (confirmed) |                      |   |      |
| Paralytic .. .. .                       | 0.06                 | 0.06  | 0.24 |
| Non-Paralytic .. .. .                   | 0.03                 | 0.03  | 0.07 |
| Food poisoning notifications .. .. .    | 0.13                 | 0.16  | 0.26 |

**MATERNAL AND INFANT MORTALITY, 1948-1952**

|                                    | 1948 | 1949  | 1950 | 1951 | 1952  |
|------------------------------------|------|-------|------|------|-------|
| (a) MATERNAL MORTALITY:            |      |       |      |      |       |
| No. of deaths (YORK) .. .. .       | 2    | 5     | 3    | 2    | 1     |
| Rate per 1,000 births:             |      |       |      |      |       |
| York .. .. .                       | 1.02 | 2.7   | 1.8  | 1.3  | 0.65  |
| England and Wales .. .. .          | 1.02 | 0.98  | 0.86 | 0.79 | 0.72* |
| (b) INFANT MORTALITY:              |      |       |      |      |       |
| Deaths under 1 year (YORK) .. .. . | 63   | 39    | 39   | 40   | 33    |
| Rate per 1,000 live births:        |      |       |      |      |       |
| York .. .. .                       | 32.9 | 21.4* | 23.7 | 26.9 | 22.2  |
| England and Wales .. .. .          | 34   | 32    | 29   | 29.6 | 27.6* |

\* Lowest on record.



# TUBERCULOSIS MORTALITY, 1948-1952.

(Registrar-General's figures).

| Year      | Pulmonary |            | Non-Pulmonary |            | Total  |            |
|-----------|-----------|------------|---------------|------------|--------|------------|
|           | Deaths    | Death-rate | Deaths        | Death-rate | Deaths | Death-rate |
| 1948      | 43        | 0.41       | 4             | 0.04       | 47     | 0.45       |
| 1949      | 26        | 0.25       | 4             | 0.04       | 30     | 0.29       |
| 1950      | 34        | 0.33       | 2             | 0.02       | 36     | 0.35       |
| 1951      | 19        | 0.18       | 1             | 0.00*      | 20     | 0.19       |
| 1952      | 15        | 0.15*      | 3             | 0.03       | 18     | 0.18*      |
| Average.. | 27        | 0.26       | 3             | 0.02       | 30     | 0.29       |

\* Lowest on record.

## NEW CASES OF TUBERCULOSIS notified:

|                               | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Pulmonary Tuberculosis ..     | 66   | 63   | 56   | 72   | 89   | 81   | 84   | 66   | 78   | 67   |
| Non-Pulmonary Tuberculosis .. | 29   | 52   | 34   | 29   | 30   | 29   | 27   | 23   | 23   | 23   |
| Total ..                      | 95   | 115  | 90   | 101  | 119  | 110  | 111  | 89   | 101  | 90   |

## NUMBER OF CASES OF TUBERCULOSIS ON REGISTER at 31st December, 1952.

|                     | Males | Females | Total |
|---------------------|-------|---------|-------|
| Pulmonary .. ..     | 244   | 182     | 426   |
| Non-Pulmonary .. .. | 56    | 74      | 130   |
| TOTAL .. ..         | 300   | 256     | 556   |

## Section B.

### General Provision of Health Services for the Area.

National Health Service Act, 1946—Sections 22, 23, 24, 25, 27, 29 and 51.

#### CARE OF MOTHERS AND YOUNG CHILDREN

(Section 22)

**1. Number of births notified in the area during the year under Section 203 of the Public Health Act, 1936, as adjusted by any transferred notifications:**

(a) Live births, 1,504; (b) Still-births, 46; (c) Total, 1,550.

**2. Infant Welfare Centres—**

|      |   |       |
|------|---|-------|
| (a)  | Number of Centres provided and maintained by the Council  | 6     |
| (b)  | Number of Centres provided and maintained by Voluntary Associations ... ..  | —     |
| (c)  | Total number of children who first attended at the Centres during the year and who, on the date of the first attendance were—       |       |
| (i)  | Under 1 year of age ... ..  | 915   |
| (ii) | Between the ages of 1 and 5 years ... ..  | 87    |
| (d)  | Total number of children under five years of age who attended at the Centres during the year and who, at the end of the year, were— |       |
| (i)  | Under 1 year of age ... ..  | 786   |
| (ii) | Over 1 year of age ... ..   | 1,037 |

**3. Ante-natal and Post-natal Clinics:**

|   | Ante-natal. | Post-natal. |
|---|-------------|-------------|
| (i) Number of Clinics provided and maintained by the Council ...              | 2           | 1           |
| (ii) Total number of Women who attended at the Clinics during the year ... .. | 170         | 29          |

**4. Care of Unmarried Mothers and Illegitimate Children.**

The Council have appointed a Social Worker for the purposes of Circular 2866 and have an arrangement whereby girls are admitted to Heworth Moor House (Diocesan Moral Welfare Hostel) or to other institutions before and after confinement.

Three hundred and eighty-eight interviews were made by the Social Worker, and 278 home visits paid. Eleven babies were placed for adoption, 3 in residential nurseries or homes, and 1 went with its mother to a residential domestic post.

Twelve mothers continued to live with their parents, 11 lived in lodgings, 33 were living with the father as if married, and 3 were married but separated from their husbands.



Seven affiliation orders were taken out during the year, and in 4 cases private arrangements were made regarding payments.

Thirteen girls were admitted to mother and baby homes before and after their confinement.

#### 5. Care of premature infants (Circular 20/44).

The Council employ a domiciliary midwife specially trained in the care of the premature baby. She undertakes the care of premature babies born at home, and is also notified of the impending discharge of all premature babies from hospital. She undertakes the necessary after-care until the case is handed over to the Health Visitor.

The number of premature babies notified during 1952 was:—99

Total number of above who were born:—

|      |                             |     |     |     |     |     |     |    |
|------|-----------------------------|-----|-----|-----|-----|-----|-----|----|
| (i)  | at home                     | ... | ... | ... | ... | ... | ... | 38 |
| (ii) | in hospital or nursing home | ... | ... | ... | ... | ... | ... | 61 |

The number of those born at home:—

|       |                                    |     |     |     |    |
|-------|------------------------------------|-----|-----|-----|----|
| (i)   | who were nursed entirely at home   | ... | ... | ... | 22 |
| (ii)  | who died during the first 24 hours | ... | ... | ... | —  |
| (iii) | who survived at the end of 28 days | ... | ... | ... | 22 |

The number of those born in hospital or nursing home:—

|      |                                    |     |     |     |    |
|------|------------------------------------|-----|-----|-----|----|
| (i)  | who died during the first 24 hours | ... | ... | ... | 6  |
| (ii) | who survived at the end of 28 days | ... | ... | ... | 80 |

The following is an analysis of the weights of premature babies born at home, based on the Ministry of Health's classification:—

|   |     |     |     |     |    |
|---|-----|-----|-----|-----|----|
| 2 lbs. 3 ozs. or less                                 | ... | ... | ... | ... | 2  |
| Over 2 lb. 3 ozs. up to and including 3 lbs. 4 ozs.   | ... | ... | ... | ... | 3  |
| Over 3 lbs. 4 ozs. up to and including 4 lbs. 6 ozs.  | ... | ... | ... | ... | 9  |
| Over 4 lbs. 6 ozs. up to and including 4 lbs. 15 ozs. | ... | ... | ... | ... | 5  |
| Over 4 lbs. 15 ozs. up to and including 5 lbs. 8 ozs. | ... | ... | ... | ... | 19 |

#### 6. Day Nurseries.

| Nursery           | Date of Opening | Approved Accommodation | Average Daily Attendance |     | Number on Register at 31.12.52 |     |
|-------------------|-----------------|------------------------|--------------------------|-----|--------------------------------|-----|
|                   |                 |                        | 0—2                      | 2—5 | 0—2                            | 2—5 |
| Crombie Avenue .. | 12.2.42         | 34                     | 6                        | 17  | 8                              | 24  |
| Heworth .. ..     | 11.12.50        | 45                     | 10                       | 17  | 14                             | 29  |

#### 7. Infectious Diseases of Infants and Puerperal Pyrexia.

| Disease |                         |    |    | Number of cases notified during the year | Number of cases visited by officers of the Council | Number of cases removed to Hospitals |
|---------|-------------------------|----|----|--|--|--------------------------------------|
| (1)     | Ophthalmia Neonatorum.. | .. | .. | 1  | 1  | —                                    |
| (2)     | Pemphigus Neonatorum .. | .. | .. | —  | —  | —                                    |
| (3)     | Puerperal Pyrexia ..    | .. | .. | 28                                       | —  | —                                    |

One death of an infant due to pneumonia during the neo-natal period was reported to the Health Department during the year.



## 8. Maternal Deaths.

There was one maternal death during the year, the cause of death being ascribed to (a) Intraperitoneal haemorrhage, (b) rupture of a uterine vein in right broad ligament during second stage of labour.

## 9. Institutional Provision for Mothers or Children.

This includes voluntary homes, and homes administered by the Local Authority Children Committee.

### (a) YORK DIOCESAN MOTHER AND BABY HOME, HEWORTH MOOR HOUSE, YORK

Chairman: Lady Celia Milnes Coates. Hon. Sec., Mrs. J. L. Henderson. Superintendent, Miss A. Hatfield.

This Home receives unmarried (and in some cases, married) mothers expecting illegitimate babies, before and after confinement, without limit of stay, until the mother obtains employment, and the baby a home with relatives, foster mother, or adoptive parents.

There are 14 beds and 10 cots, and expectant mothers are sent to a Maternity Home or Hospital for their confinement.

The average length of stay is three to six months, of which four to twelve weeks are before, and six to twelve weeks after the birth of the child.

A doctor attends weekly to supervise the health of mothers and babies, and at any time for emergencies.

The health of mothers and babies has been good, and although at one time three or four expectant mothers were in bed with toxæmia of pregnancy, all returned home in a better state of health than when they came to us.

The year 1952 has been our busiest for the past five years. We admitted 57 cases, 4 of which were from the City of York. Of these 4 two mothers had their babies adopted, one returned home and had her child admitted to a Children's Home until such time as she could have him with her, the other returned to her previous employment and had baby fostered.

The Home was inspected by officers from the Ministry of Health and a good report received.

Students and probationer nurses have visited the home during the year, and prospective Nursery Nurses given instruction in the art of breast feeding.

### (b) WEST GARTH CHURCH OF ENGLAND CHILDREN'S SOCIETY NURSERY

This Nursery has accommodation for 20 children under the age of 5 and is recognised as a training centre for the Certificate of the National Nursery Examination Board.

### (c) ST. STEPHEN'S HOME, THE MOUNT. (Matron—Mrs. E. Cobb)

This Home accommodates 23 girls from 2 to 16 years. Good liaison is maintained with the Local Health Authority, a Health Visitor visiting at regular intervals, and reporting as necessary to the Authority. St. Stephen's aims to bring up the children in an atmosphere as much like a real home as possible, with a Christian background; and helps them to train for a career when they leave.



(d) CHILDREN COMMITTEE'S HOMES.

Children are cared for in the following Homes, Nurseries and Foster Homes:—

*Residential Nurseries—*

|  |        |                                  |
|--|--------|----------------------------------|
| "The Glen" Nursery<br>(Bull Lane, Heworth, York) | ... .. | 24 Boys and Girls—up to 5 years. |
| "The Elms" Nursery<br>(160, Hull Road, York)     | ... .. | 25 Boys and Girls—up to 5 years. |

*Children's Homes—*

|  |        |                                  |
|--|--------|----------------------------------|
| "St. Hilda's" Home<br>(84, Lowther Street, York)   | ... .. | 40 Boys and Girls—5 to 16 years. |
| 120, Haxby Road, York<br>(Scattered Home)          | ... .. | 12 Boys.                         |
| 4, Feversham Crescent, York<br>(Scattered Home)    | ... .. | 18 Boys.                         |
| 103a, Danebury Drive, Acomb<br>(Family Group Home) | ... .. | 12 Boys and Girls.               |

*Children are also placed in Voluntary Homes at—*

Hull, Leeds, Boston Spa, Benson, nr. Oxford, and York—17 Boys and Girls.

*In addition the following children are boarded out under the care of the Children Committee—*

Boarded-out in York and surrounding villages—77 Boys and Girls.

Boarded-out in York supervised for other Authorities—23 Boys and Girls.

Supervised under Child Life Protection Regulations—(Living apart from their parents)—20 Boys and Girls.

Supervised under Adoption Regulations—13 Boys and Girls.

Temporary accommodation is provided in emergencies for children during the absence of their parents, who are unable to make arrangements for their care, and during the year ended 1952, 136 such were accommodated.

**Health of Children in Residential Nurseries.**

The health of the children at the Elms has been good. There were catarrhal upper respiratory infections during the winter months, and 15 children had German measles in May.

At the Glen, upper respiratory infections occurred mainly during the winter months, and recurrent bouts of pyrexia of unknown origin occurred from July to October. Investigations failed to reveal the organism or carrier and, therefore, the nursery was closed and stoved for one week, then re-opened. No further cases occurred.

A child with a congenital malformation was admitted for three months because she required specialised management in which the mother was not skilled.

One child was cared for in the nursery after B.C.G. vaccination until he had become tuberculin positive.

## 10. Dental Treatment.

The dental surgeon, Miss Ritchie, gives three half-days weekly to Maternity and Child Welfare work. She reports as follows:—

(a) Numbers attended—

|                               | Examined | Needing Treatment | Treated | Made Dentally Fit |
|-------------------------------|----------|-------------------|---------|-------------------|
| Expectant and Nursing Mothers | 791      | 313               | 298     | 287               |
| Children under five .. ..     | 229      | 190               | 190     | 190               |

(b) Forms of dental treatment provided.

|                               | Extractions | Anaesthetics |         | Fillings | Dressings | Scalings or Scaling and gum treatment | Silver Nitrate treatment | Dentures Supplied |
|-------------------------------|-------------|--------------|---------|----------|-----------|---------------------------------------|--------------------------|-------------------|
|                               |             | Local        | General |          |           |                                       |                          |                   |
| Expectant and Nursing Mothers | 239         | 3            | 236     | 341      | 295       | 204                                   | —                        | 10                |
| Children under five ..        | 101         | —            | 101     | 126      | 55        | —                                     | 168                      | —                 |

## 11. Parent's Club.

A parents club was formed in September, 1951, and meets fortnightly at the Health Services Centre. The Club seems now well established, with an average attendance of 25 to 30 and a membership of 50.

The club is run by a Committee of parents; meetings, which include talks and discussions on subjects chosen by the parents, and social meetings are held.

A clothing exchange market and a library of knitting books, etc., has been organised, and an entry for the Health Education competition at the Mothercraft Exhibition in London won second prize for the whole country. The entry was an appliqué entitled 'Do's and Don'ts' in the matter of bringing up your children. It was designed by one of the members, and executed by all the mothers attending the club at the time (25 to 30 members contributing).

## 12. Family Service Unit.

The initial difficulties of establishing a unit in the City have been overcome, and there were at the end of the year two field workers. During the year the unit worked with 30 families and some encouraging results have been reported. The appointment of a third worker has been agreed and it is hoped that residential headquarters will be obtained for the unit in the near future.



## MIDWIFERY SERVICE.

### (Section 23)

The Authority employ 10 domiciliary midwives including 1 premature baby midwife, the City being divided into two areas, with four midwives to each area. An additional midwife undertakes relief duties. Mothers select their own midwives except when an individual midwife is already fully booked for the month.

All midwives are trained in the use of gas and air analgesia, and are supplied with the necessary equipment and transport for administering same.

Lectures for expectant mothers by Miss Wollaston, Supervisor of Midwives, have been given during the year. A course of 3 lectures at weekly intervals is given every 3 months. They cover ante-natal care, procedure during confinement and the puerperium, and include a practical demonstration of the use of gas and air apparatus.

|  | Domiciliary<br>Midwives | Midwives in<br>Institutions | Totals |
|--|-------------------------|-----------------------------|--------|
| Total number of midwives practising at the end of the year in the area of the Local Supervising Authority— |                         |                             |        |
| (i) Employed by the Council ...  | 10                      | Nil.                        | 10     |
| (ii) In private practice ...   | 1                       | 10                          | 11     |
|  | —                       | —                           | —      |
|  | 11                      | 10                          | 21     |
|  | —                       | —                           | —      |

|  | Domiciliary<br>Cases | Cases in<br>Institutions | Totals |
|--|----------------------|--------------------------|--------|
| Number of cases in the area of the Local Supervising Authority attended during the year by midwives— |                      |                          |        |
| (i) Employed by the Council—   |                      |                          |        |
| As Midwives... ..  | 450                  | —                        | 450    |
| As Maternity Nurses ...  | 176                  | —                        | 176    |
| (ii) In private practice—  |                      |                          |        |
| As Midwives... ..  | —                    | —                        | —      |
| As Maternity Nurses ...  | —                    | 526                      | 526    |
|  | —                    | —                        | —      |
| Totals—As Midwives ...   | 450                  | —                        | 450    |
| As Maternity Nurses ...  | 176                  | 526                      | 702    |
|  | —                    | —                        | —      |

The proportion of domiciliary compared with institutional confinements over the past 5 years has remained fairly constant, but the actual number of deliveries in both cases has fallen, owing to the falling birth rate. The following table illustrates these points—

|  | 1948 | 1949 | 1950 | 1951 | 1952 |
|--|------|------|------|------|------|
| Domiciliary Confinements .. ..   | 718  | 703  | 729  | 634  | 626  |
| Percentage of Total Confinements ..  | 36.8 | 37.9 | 41.4 | 39.6 | 40.4 |
| Institutional Confinements .. ..   | 1230 | 1152 | 1031 | 968  | 924  |
| Percentage of Total .. ..  | 63.2 | 62.1 | 58.6 | 60.4 | 59.6 |
| Percentage of domiciliary confinements receiving G. and A. analgesia .. .. | —    | 50.9 | 62.4 | 56.5 | 60.3 |

Number of cases in which Medical Aid was summoned during the year under Section 14 (i) of the Midwives Act, 1918, by a midwife:—

- (a) For domiciliary cases:—
- |  |    |          |
|--|----|----------|
| (i) Where the Medical Practitioner had arranged to provide the patient with Maternity Medical Services under the National Health Service:— | 18 | Total 34 |
| (ii) Others  | 16 |          |

The midwives are supervised by the Medical Officer of Health, the Senior Medical Officer for Maternity and Child Welfare and the Matron of the Maternity Hospital who acts for the Local Authority as non-medical supervisor.

### Pupil Midwives.

York Maternity Hospital is recognised as a training school for Part II of the certificate of the Central Midwives Board. Pupils spend 3 months in hospital, and 3 months on district with the Authority's midwives.

50, Bootham is rented to the Hospital Management Committee, as a central hostel for pupil midwives doing district work. There is accommodation for 10 pupils and 2 resident staff.

York Maternity Hospital.

I am indebted to the Secretary of the York "A" and Tadcaster Hospital Management Committee for the following statistics relating to the Maternity Hospital:—

- |     |  |     |     |                   |     |     |      |
|-----|--|-----|-----|-------------------|-----|-----|------|
| 1.  | Number of beds, viz:—                                    |     |     |                   |     |     |      |
|     | Lying in Beds  | ..  | ..  | ..                | ..  | 38  | } 50 |
|     | Ante-natal treatment beds                                | ..  | ..  | ..                | ..  | 6   |      |
|     | Premature infant cots                                    | ..  | ..  | ..                | ..  | 6   |      |
| 2.  | Number of admissions—                                    |     |     |                   |     |     |      |
|     | (a) York   | ... | ... | ...               | ... | ... | 761  |
|     | (b) Other Areas  | ... | ... | ...               | ... | ... | 114  |
| 3.  | Number of women admitted for ante-natal treatment        | ... |     |                   |     |     | 92   |
| 4.  | Average duration of stay                                 | ... | ... | Number of days... |     |     | 13.7 |
| 5.  | Number of cases delivered by—                            |     |     |                   |     |     |      |
|     | (a) Midwives   | ... | ... | ...               | ... | ... | 671  |
|     | (b) Doctors  | ... | ... | ...               | ... | ... | 123  |
|     | (c) Number of cases admitted after delivery—             |     |     |                   |     |     |      |
|     | Mothers and Babies                                       | ... | ... | ...               | ... | ... | 15   |
|     | Babies only  | ... | ... | ...               | ... | ... | 23   |
| 6.  | Number of Live Births                                    | ... | ... | ...               | ... | ... | 760  |
| 7.  | Number of Still Births                                   | ... | ... | ...               | ... | ... | 34   |
| 8.  | Number of cases notified as puerperal pyrexia            | ... | ... | ...               | ... | ... | 14   |
| 9.  | Number of infants wholly breast fed on discharge         | ... | ... | ...               | ... | ... | 628  |
| 10. | Number of maternal deaths                                | ... | ... | ...               | ... | ... | 1    |
| 11. | Number of infant deaths within 10 days of birth          | ... | ... | ...               | ... | ... | 31   |
| 12. | Number of pupils trained during 1952.                    | ... | ... | ...               | ... | ... | 29   |
| 13. | Number entered for examination of Central Midwives Board | ... | ... | ...               | ... | ... | 24   |
| 14. | Number successful  | ... | ... | ...               | ... | ... | 23   |



## HEALTH VISITING

### (Section 24)

- (a) Number of officers employed for health visiting at the end of the year: 11.
- (b) Number of visits paid during the year by all health visitors:—
  - (i) To expectant mothers—First visits 416  
Total visits 471
  - (ii) To children under 1 year of age—First visits 1,353  
Total visits 8,767
  - (iii) To children between the ages of 1 and 5 years—Total visits 16,665

The Council award bursaries for training to suitable applicants who are state registered nurses and hold the first part of the certificate of the Central Midwives Board. During training, three-quarters salary is paid and an additional £100 is available on loan if needed, to be repaid during the candidate's two years' service for the Corporation after qualification. Five nurses have been sent for training under this scheme to Leeds or Bradford, all of whom have qualified as Health Visitors.

A health visitor attends a child welfare clinic run by a general practitioner for her own patients; an average of 30 mothers and babies attending this clinic weekly. A Parents' Club is also run by the practitioner in charge of this clinic.

Arrangements have been reached with the North and East Ridings for the health visitor undertaking venereal disease social work for the City, to include cases from the Ridings attending York County Hospital for treatment.

The follow-up clinic for gastric cases at the County Hospital is staffed by a team of specialists, the hospital almoner and an assistant health visitor to undertake home visiting. A health visitor is also allocated for the care of diabetics and works closely with the hospital consultants and general practitioners. She attends the special diabetic clinic at the hospital.

The decision to appoint health visitors for tuberculosis rather than divide the work among the general health visitors has resulted in an increase of attendances of contacts for examination.

A health visitor has been allocated part-time for the after-care of cases of heart disease discharged from hospital, and home visits are paid at the request of the consultant concerned.

## HOME NURSING SERVICE

### (Section 25)

The York Home Nursing Service developed from the Purey Cust District Nursing Service which was taken over by the Local Authority under the National Health Service Act.

It is hoped eventually to have all the home nursing staff trained in district work, but at the end of the year only 7 were Queen's trained.

The Council do not at present provide a night nursing service and there has been no demand for this to date. The night attendants' branch of the Home Help service appears adequate, and is well used. The attendants undertake duties which would normally be undertaken by the housewife, but not nursing duties.

The following table shows work undertaken by the Home Nursing Service during the year—

|                                   |     |     |        |
|-----------------------------------|-----|-----|--------|
| Number of Nurses employed         | ... | ... | 16     |
| New cases attended                | ... | ... | 3,256  |
| Cases discharged                  | ... | ... | 3,208  |
| Visits paid                       | ... | ... | 55,570 |
| Analysis of Cases—                |     |     |        |
| Referred by general practitioners | ... | ... | 2,929  |
| Referred by hospitals             | ... | ... | 177    |
| Applied direct                    | ... | ... | 69     |
| Other agencies                    | ... | ... | 59     |

The home nursing equipment loan service operates from the Health Services Centre. No charge is made for the loan of equipment, unless its value exceeds £10, when there is a charge of 1/- per week.

The Council's decision to expand the service and appoint a Senior District Nurse was implemented by the appointment of Miss J. Douglas, S.R.N., Q.N.

## IMMUNISATION AND VACCINATION.

### (Section 26).

#### Immunisation.

The number of children immunised against diphtheria decreased, there being 853 compared with 1,212 during the previous year. 809 were under the age of 5 years.

438 cases were immunised at Local Authority Clinics, and 415 by General Practitioners.

292 boosting doses were given at Local Authority Clinics, and 147 by General Practitioners.

The total number of children at 31st December, 1952, who had completed a course of immunisation since 1st January, 1938, is 14,402. This represents 45.5 per cent of children aged 1—5 years, and 70.0 per cent of children from 5—15.

#### Combined Diphtheria and Whooping Cough Immunisation.

641 children were given combined injections, 366 at Local Authority Clinics and 275 by General Practitioners.

Whooping Cough.—35 cases were immunised against whooping cough only—24 at Local Authority Clinics and 11 by General Practitioners.



## Vaccination.

Of the 773 vaccinations during the year, 606 were notified by general practitioners and 167 from the Authority Clinics.

## AMBULANCE SERVICE.

(Section 27).

I am indebted to my Chief Ambulance Officer, Mr. L. P. Sawyer, for the following report:—

The demands on the service at the time of writing this report have steadily increased since its inception, but there is evidence of the position becoming stabilized.

|                |     |     | Journeys made | Patients and other persons conveyed | Miles travelled |
|----------------|-----|-----|---------------|-------------------------------------|-----------------|
| 1952           | ..  | ..  | 11,936        | 47,387                              | 160,655         |
| *1951          | ... | ... | 17,419        | 41,303                              | 156,425         |
| 1950           | ... | ... | 21,544        | 38,373                              | 152,429         |
| 1949           | ... | ... | 19,988        | 31,337                              | 140,074         |
| 1948           | ..  | ..  | 4,247         | 7,334                               | 45,309          |
| (July to Dec.) |     |     |               |                                     |                 |

## Journeys made, persons carried, and mileage for year.

|  | Journeys made | Persons carried | Mileage |
|--|---------------|-----------------|---------|
| PATIENT CARRYING:  |               |                 |         |
| Ambulances .. .. .   | 7,745         | 13,252          | 78,019  |
| Sitting-case Vehicles .. .. .  | 2,743         | 22,277          | 69,090  |
| Total .. .. .  | 10,488        | 35,529          | 147,109 |
| Work for Hospital Management Committee ..  | 108           | 44              | 912     |
| Conveyance of Midwives .. .. .   | 468           | 540             | 2,822   |
| Conveyance of Children to and from Occupation Centre for Mental Welfare Committee .. | 393           | 11,249          | 7,611   |
| Home Help Service—Conveyance of Supervisor ..  | 24            | 24              | 325     |
| Service of Vehicles, Civil Defence Recruitment and Miscellaneous .. .. .             | 455           | 1               | 1,876   |

\*Alteration in definition of "Journey".

## CLASSIFICATION OF CASES:—

### (a) Accident or Emergency—

|                     |     |     |
|---------------------|-----|-----|
| Road Accident       | ... | 214 |
| Home Accident       | ... | 98  |
| Industrial Accident | ... | 142 |
| Other Accidents     | ... | 253 |
| Acute Illness       | ... | 343 |
| Emergency Maternity |     | 11  |

### (b) Others—

|                          |     |        |
|--------------------------|-----|--------|
| General Illness          | ... | 2,288  |
| Maternity                | ... | 265    |
| Tuberculosis             | ... | 30     |
| Other Infectious Disease |     | 408    |
| Mental                   | ... | 63     |
| Inter-Hospital Transfer  | ... | 2,090  |
| Hospital Discharge       |     | 1,648  |
| Out-Patient Attendance   | ... | 27,677 |

Financial responsibility for cases was allocated as follows:—

|                             | No. of Cases | Mileage |
|-----------------------------|--------------|---------|
| York C.B. ... ..            | 32,956       | 122,577 |
| North Riding C.C. ... ..    | 161          | 2,104   |
| East Riding C.C. ... ..     | 1,145        | 8,644   |
| West Riding C.C. ... ..     | 1,231        | 12,128  |
| Leeds C.B. .. ..            | 6            | 14      |
| Birmingham C.B. .. ..       | 1            | 87      |
| Cornwall C.B. .. ..         | 1            | 59      |
| Essex C.C. .. ..            | 1            | 8       |
| Hampshire C.C. .. ..        | 1            | 38      |
| Hull C.B. .. ..             | 17           | 938     |
| Kent C.C. .. ..             | 1            | 16      |
| Liverpool C.B. .. ..        | 1            | 16      |
| London C.C. .. ..           | 3            | 205     |
| Manchester C.B. .. ..       | 1            | 5       |
| Pembroke, Wales, C.C. .. .. | 1            | 37      |
| Salford C.B. .. ..          | 1            | 142     |
| West Sussex C.C. .. ..      | 1            | 91      |

### Observations on the Year's Statistics.

2,549 more patients, involving 2,770 more miles, were carried during 1952 than during 1951, due to increase in demand for sitting case vehicles in connection with out-patient attendances (2,369 more than in the previous year).

201 more midwives were conveyed incurring an increase of 1,017 miles.

3,382 more child units involving 1,005 more miles, were conveyed to and from the Occupation Centre.

The reduction in journeys and mileage in the servicing of vehicles is due to the installation of the petrol pump in June, 1951.

### CO-OPERATION WITH OTHER AMBULANCE SERVICES.

*Agency Arrangements.*—See 1951 report.

The extent to which the link with the County Services was used during the year is shown below:—

|                         |              |     |     |     |     | Total for Year |
|-------------------------|--------------|-----|-----|-----|-----|----------------|
| IN—                     |              |     |     |     |     |                |
| Stand-by requests by    | North Riding | ... | ... | ... | ... | 51             |
|                         | East „       | ... | ... | ... | ... | —              |
|                         | West „       | ... | ... | ... | ... | —              |
| Reporting in by         | North Riding | ... | ... | ... | ... | 414            |
|                         | East „       | ... | ... | ... | ... | 351            |
|                         | West „       | ... | ... | ... | ... | 453            |
| Calls handed over to    | North Riding | ... | ... | ... | ... | 469            |
|                         | East „       | ... | ... | ... | ... | 295            |
|                         | West „       | ... | ... | ... | ... | 571            |
| Calls passed to York by | North Riding | ... | ... | ... | ... | 20             |
|                         | East „       | ... | ... | ... | ... | 6              |
|                         | West „       | ... | ... | ... | ... | 109            |



# OUT—

|  |              |     |     |     |     |    |
|--|--------------|-----|-----|-----|-----|----|
| Stand-by requests to                           | North Riding | ... | ... | ... | ... | 18 |
|  | East         | „   | ... | ... | ... | —  |
|  | West         | „   | ... | ... | ... | —  |
| Cases handed over due to pressure of work, to: | North Riding | ... | ... | ... | ... | 70 |
|  | East         | „   | ... | ... | ... | 12 |
|  | West         | „   | ... | ... | ... | 13 |
| Other cases handed over to:                    | North Riding | ... | ... | ... | ... | 96 |
|  | East         | „   | ... | ... | ... | 13 |
|  | West         | „   | ... | ... | ... | 17 |
| Cases given to York by                         | North Riding | ... | ... | ... | ... | 13 |
|  | East         | „   | ... | ... | ... | 1  |
|  | West         | „   | ... | ... | ... | 2  |
|  | Leeds City   | ... | ... | ... | ... | 5  |

Several requests were accepted to meet trains at York Railway Station, some to transfer patients to connecting trains, others to convey patients by road to their destination.

## Emergency Calls.

By the “999” telephone call system, 496 calls were received by the Ambulance Service from the City area, and 31 from rural areas linked with the York Exchange. In addition, 17 calls made to the Police were subsequently transferred to the Ambulance Service.

The siting of the Ambulance Station on the northern perimeter of the City and the traffic congestion in the City’s narrow streets, result in unavoidable delays in reaching incidents to the south and west. The average time from leaving the Ambulance Station to reaching the scene in these areas, and, in brackets, the longest time taken, are given below:—

|                      |                    |    |    |    |    |                 |
|----------------------|--------------------|----|----|----|----|-----------------|
| South Bank area      | ..                 | .. | .. | .. | .. | 10 (15) minutes |
| Dringhouses area     | ..                 | .. | .. | .. | .. | 11 (15) „       |
| Acomb area           | ..                 | .. | .. | .. | .. | 12 (23) „       |
| West Riding area via | Bishopthorpe Road  | .. | .. | .. | .. | 18 (25) „       |
| Do.                  | Tadcaster Road     | .. | .. | .. | .. | 14 (16) „       |
| Do.                  | Wetherby Road      | .. | .. | .. | .. | 22 (29) „       |
| Do.                  | Boroughbridge Road | .. | .. | .. | .. | 18 (30) „       |

Agency arrangements for W. Riding extend for 10 miles.

No unavoidable delays have occurred in the immediate answering of emergency calls.

## Long-Distance Journeys.

(a) *By Road*.—During the year 484 journeys of 50 miles and over were undertaken, 58 of these being over 100 miles.

(b) *By Rail*.—Arrangements were made for twelve patients to be conveyed by rail to Beaconsfield, Birchington, Dorchester, Durham, Frinton-on-Sea, London (3), Newcastle-upon-Tyne, Oxford, Pensarn and Sleaford. The co-operation of the staff of British Railways in suggesting and reserving accommodation on suitable trains, and in giving assistance at stations where changes have to be made, is much appreciated.

### Fleet of Vehicles at 31st December, 1952.

The fleet comprises 15 vehicles, viz.:—

- 6 28 h.p. Bedford/Lomas ambulances;
- 5 10-12 cwt. Bedford vans, two adapted for single stretchers, two for one stretcher or 9 sitting patients, one for 9 sitting patients with no stretcher.
- 1 Vauxhall "Wyvern" saloon car;
- 1 Bedford 30-seater coach; also
- 2 redundant ambulances retained for Civil Defence purposes.

*Equipment.*—Eight ambulances are equipped with oxygen resuscitation apparatus and all vehicles with a first-aid outfit. Crews are each issued with and held responsible for the following:—

10 blankets, 1 carrying sheet, 2 pillows and cases, and 2 hot water bottles with covers.

The Health Committee agreed to fit emergency medical boxes similar to those carried by the M.C.C. and found of such use in the Harrow and Wealdstone train disaster.

*Maintenance.*—The servicing and minor repairs of all vehicles, and their cleaning, are carried out by the driving staff. Major repairs are carried out by the Bedford main dealers.

### Staff.

*Administrative* (3):—

- Ambulance Officer;
- Assistant Ambulance Officer;
- Clerk.

*Operational* (32):—

- Males:           1 Telephonist;
- 4 Shift Leaders;
- 20 Driver/attendants;
- Females:       5 Driver/attendants;
- 2 Attendants (non-drivers).

The re-organisation of the operational staff with the appointment of shift leaders has resulted in greater efficiency of the Service.

Four male driver/attendants were selected as Leaders, on rotary shifts, to man the Control Room and supervise the staff outside office hours. The services of one telephonist became redundant.

Revised duty rotas allow for manning of 4 ambulances and 5 vehicles for sitting patients during the day, 3 ambulances during the evening and 2 ambulances at night and on Sundays.

The operational staff re-qualified in first-aid and attended the Mass Radiography Unit on its visit to the City for X-ray.

Through the courtesy of the Commanding Officer, R.A.F. Station, Church Fenton, the staff attended the aerodrome for instruction on releasing crews from crashed aircraft, with particular reference to the Martin-Baker ejection seats.



Two female driver/attendants resigned during the year and were replaced by one male and one female.

## **PREVENTION OF ILLNESS, CARE AND AFTER-CARE.**

(Section 28).

### **(a) TUBERCULOSIS.**

The tuberculosis service for the City is centred on the Chest Clinic in Castlegate. Two health visitors are under the immediate supervision of the Chest Physician; act as clinic nurses and visit the patients in their own homes. They report regularly to the Superintendent Health Visitor thereby maintaining liaison with the general duty health visitors.

A handicraft instructor also works half time for the Health Committee. Her headquarters are at the Chest Clinic, and she visits patients in their own homes.

The after-care work is delegated to the York Tuberculosis Committee, which is a voluntary committee with adequate Health Committee representation. A grant of £100 was made by the Authority to this committee during the year. The report on their work is as follows:—

#### **York Tuberculosis Committee.**

##### **The Thirty-Eighth Annual Report for Year 1952.**

The National Health Service Act, 1946, makes it compulsory for local authorities to provide suitable after-care facilities, some appointing "Statutory" Committees to do this work, and others using Voluntary Care Committees as their agents. The latter is the case in our City, and the York Tuberculosis Committee is cognizant of the confidence placed in its work by the York Corporation, and tries always to vindicate this trust.

During the year ending 31st March, 1953, 21 patients and their families were assisted financially or in kind. One young patient wishing to take up journalism needed a typewriter. He was already having articles accepted for publication, and with difficulty had managed to save some money towards the purchase of this most necessary implement of his trade. The Tuberculosis Committee paid the balance of the amount required, and received the most grateful thanks of the budding author. Through the help and co-operation of a Serviceman's Association one patient was sent for prolonged convalescence, and the British Legion have made grants on various occasions to help ex-Servicemen. In some cases where statutory assistance was not available the W.V.S. have given clothing, which has helped in many a difficult situation. Our thanks are due also to the National Assistance Board for their frequent help.

Four wireless sets are out on loan, and these are greatly appreciated by housebound patients. The library service provided by the British Red Cross Society and paid for by the Committee is still being widely used. An appeal made through the Press for jig-saw puzzles met with good response and we are now forming a jig-saw library for patients confined to the home. The Hospital Management Committee continues to provide magazines for the clinic waiting-room.



The Annual General Meeting was held at the Mansion House on 30th October, and a representative gathering was addressed by Miss Nancy Overend, Secretary of the National Association for the Prevention of Tuberculosis.

We thank the Lord Mayor and Lady Mayoress for their hospitality, and the Lord Mayor for presiding.

We are indebted to Mrs. Irving and friends for the proceeds of Bridge Drives which they so generously arranged.

In conclusion, the Committee wishes to thank Dr. Wilson, Miss Thomson and Mrs. Withey, After-Care Visitors, Miss Hobbs, Occupational Therapist, and Miss Moore, Hon. Treasurer, for their most excellent and untiring work; also the York Community Council for undertaking the secretarial work.

It would not be fitting to close this report without expressing thanks also to those people who, though unnamed, have during the past year been so helpful and co-operative in assisting the Committee to continue this most necessary social service.

We are indebted, as we have been for so many years, to Messrs. Peat, Marwick and Mitchell for auditing the accounts.

### **Clinics.**

Clinics are held at the Chest Clinic, 11, Castlegate, for cases from the City on Tuesdays at 2 p.m. and Fridays at 9-30 a.m. and for the surrounding areas on each Thursday morning in the month (excluding the first) at 9-30 a.m. A chest diagnostic clinic is held at the City Hospital on Wednesdays at 1 p.m. and artificial pneumothorax refill clinics on Mondays at 10-30 a.m. and 5-30 p.m. Special clinics for B.C.G. vaccination are held on the first Thursday afternoon in each month.

Arrangements are in hand for the Hospital Management Committee to transfer the artificial pneumothorax refill clinic to the Castlegate centre.

On notification each case is visited by a Tuberculosis Visitor and re-visited as necessary. The number of visits paid during the year was 3,425.

During 1952, 2,555 attendances were made at the Chest Clinic at 11, Castlegate, 475 new cases, exclusive of contacts were examined, 111 of whom were found to be tuberculous.

### **Contacts.**

Twelve of the 289 contacts examined were found to be tuberculous.

### **Thoracic Surgery.**

Mr. J. E. Wilson, F.R.C.S., holds regular clinics at the City Hospital to see pulmonary and cardiac cases possibly needing surgical treatment. Cases requiring such treatment are transferred to Castle Hill Sanatorium, Cottingham.

### **B.C.G. Vaccination.**

Sixty-seven children who were contacts of known cases of tuberculosis were vaccinated with B.C.G. during the year. Three nurses from the County Hospital also received vaccination.



## Mass Radiography.

The Mass Radiography Unit visited York during the year.

The survey was carried out from 10th July to 4th November, 1952, inclusive.

Groups examined included School Leavers; District Nurses; Health Visitors; Health Department Staff; Nursing, Domestic and Administrative Staffs of Hospital Management Committees; Home Helps; Day Nursery Attendants; Mental Hospital Staffs and Patients; Police; Firemen; Other Corporation and Government Employees; Factory Groups and the Public.

## Results of the Survey.

| Group                                    | Number of<br>Examinees | Total Cases<br>requiring<br>Chest Clinic<br>Supervision |
|--|------------------------|---|
| <b>1. Mental Hospitals:</b>              |                        |   |
| X-City .. .. .                           | 916                    | 15  |
| City—                                    |                        |   |
| Staff .. .. .                            | 202                    | 3   |
| Patients .. .. .                         | 106                    | 1   |
| <b>2. Other York Hospitals.</b>          |                        |   |
| Nurses .. .. .                           | 336                    | —   |
| Domestic Staff .. .. .                   | 88                     | —   |
| Administrative Staff .. .. .             | 29                     | —   |
| Others .. .. .                           | 23                     | —   |
| <b>3. Corporation Employees.</b>         |                        |   |
| Health Visitors .. .. .                  | 9                      | —   |
| Day Nursery Staffs .. .. .               | 20                     | —   |
| Home Helps .. .. .                       | 54                     | —   |
| Other Corporation Employees .. .. .      | 311                    | —   |
| <b>4. Government Departments .. .. .</b> | 145                    | 4   |
| <b>5. Public Sessions.</b>               |                        |   |
| July .. .. .                             | 385                    | —   |
| September .. .. .                        | 825                    | 13  |
| October .. .. .                          | 2                      | —   |
| <b>6. Factories .. .. .</b>              | 7,447                  | 29  |
| <b>7. Schools .. .. .</b>                | 1,417                  | 13  |
| <b>8. Other Institutions .. .. .</b>     | 221                    | 3   |
|  | 12,536                 | 81  |

## Tuberculosis—New Cases and Mortality.

| Age Periods | New Cases* |    |               |    | Deaths    |    |               |    |
|-------------|------------|----|---------------|----|-----------|----|---------------|----|
|             | Pulmonary  |    | Non-Pulmonary |    | Pulmonary |    | Non-Pulmonary |    |
|             | M.         | F. | M.            | F. | M.        | F. | M.            | F. |
| 0—1         | —          | —  | —             | —  | —         | —  | —             | —  |
| 1—5         | —          | 1  | —             | 2  | —         | —  | —             | 1  |
| 5—15        | 5          | —  | 3             | 5  | —         | —  | —             | 1  |
| 15—25       | 7          | 15 | —             | 4  | —         | —  | —             | —  |
| 25—35       | 8          | 10 | 1             | 3  | —         | —  | —             | —  |
| 35—45       | 12         | 3  | 1             | 1  | 2         | —  | —             | —  |
| 45—55       | 8          | —  | —             | 1  | 5         | —  | —             | —  |
| 55—65       | 12         | 2  | —             | 4  | 7         | 1  | 1             | —  |
| 65 and over | 2          | —  | —             | —  | —         | —  | —             | —  |
| TOTALS      | 54         | 31 | 5             | 20 | 14        | 1  | 1             | 2  |

\* (Including 20 new cases which came to the knowledge of the Medical Officer of Health otherwise than by notification on Form A or Form B under the Public Health (Tuberculosis) Regulations).

Of the 25 cases of Non-Pulmonary Tuberculosis, 3 were classified as bones and joints, 2 as abdominal, 10 peripheral glands, 3 genito-urinary system, 3 meninges and 4 other organs.

## Hospital Admissions.

Of 60 cases admitted to Fairfield Sanatorium during the year, 34 were York cases, and the average waiting time for admission to a Sanatorium for York cases was 12 weeks.



# ADMISSIONS AND DISCHARGES TO SANATORIA AND HOSPITALS.

| Institution                               | No. of Cases in Residence on 1st Jan., 1952 |           |                              |           | No. of Cases Admitted during 1952 |           |                              |           | No. of Cases Discharged during 1952 |           |                              |           | No. of Cases Dying in Hospital during 1952 |          |                              |          | No. of Cases in Residence on 31st Dec., 1952 |           |                              |           |
|---|---|-----------|------------------------------|-----------|-----------------------------------|-----------|------------------------------|-----------|-------------------------------------|-----------|------------------------------|-----------|--|----------|------------------------------|----------|--|-----------|------------------------------|-----------|
|   | M.  | F.        | Child-<br>ren<br>under<br>16 | Total     | M.                                | F.        | Child-<br>ren<br>under<br>16 | Total     | M.                                  | F.        | Child-<br>ren<br>under<br>16 | Total     | M.   | F.       | Child-<br>ren<br>under<br>16 | Total    | M.   | F.        | Child-<br>ren<br>under<br>16 | Total     |
| Fairfield Sanatorium ..                   | 10  | 11        | 2                            | 23        | 16                                | 11        | 2                            | 29        | 21                                  | 15        | 3                            | 39        | —  | —        | —                            | —        | 5  | 7         | 1                            | 13        |
| Orthopaedic Hospital,<br>Kirbymoorside .. | —   | —         | 9                            | 9         | —                                 | —         | 1                            | 1         | —                                   | —         | 2                            | 2         | —  | —        | —                            | —        | —  | —         | 8                            | 8         |
| City Hospital & Annexes                   | 3   | 6         | 1                            | 12        | 15                                | 19        | 5                            | 39        | 12                                  | 20        | 4                            | 36        | 4  | —        | 2                            | 6        | 2  | 5         | —                            | 7         |
| Castle Hill Sanatorium,<br>Cottingham ..  | 2   | —         | —                            | 2         | 8                                 | 4         | —                            | 12        | 5                                   | 1         | —                            | 6         | —  | —        | —                            | —        | 5  | 3         | —                            | 8         |
| Northfield Sanatorium,<br>Driffeld ..     | —   | 8         | —                            | 8         | —                                 | 2         | —                            | 2         | —                                   | 8         | —                            | 8         | —  | —        | —                            | —        | —  | 2         | —                            | 2         |
| Raywell Sanatorium,<br>Hull ..            | 1   | —         | —                            | 1         | —                                 | —         | —                            | —         | —                                   | —         | —                            | —         | —  | —        | —                            | —        | 1  | —         | —                            | 1         |
| Davos Sanatorium,<br>Switzerland ..       | 1   | —         | —                            | 1         | —                                 | —         | —                            | —         | 1                                   | —         | —                            | 1         | —  | —        | —                            | —        | —  | —         | —                            | —         |
| Mowbray Grange<br>Sanatorium, Bedale ..   | —   | 2         | —                            | 2         | —                                 | 4         | —                            | 4         | —                                   | 4         | —                            | 4         | —  | —        | —                            | —        | —  | 2         | —                            | 2         |
| Thorton Lodge<br>Sanatorium ..            | —   | —         | 2                            | —         | —                                 | —         | —                            | —         | —                                   | —         | 2                            | 2         | —  | —        | —                            | —        | —  | —         | —                            | —         |
| <b>Totals ..</b>                          | <b>17</b>                                   | <b>27</b> | <b>14</b>                    | <b>58</b> | <b>39</b>                         | <b>40</b> | <b>8</b>                     | <b>87</b> | <b>39</b>                           | <b>48</b> | <b>11</b>                    | <b>93</b> | <b>4</b>                                   | <b>—</b> | <b>2</b>                     | <b>6</b> | <b>13</b>                                    | <b>19</b> | <b>9</b>                     | <b>41</b> |

# SUMMARY OF WORK OF THE CHEST CLINIC.

| Diagnosis                             | Pulmonary |     |  |          |    |  | Non-Pulmonary |    |  |          |    |  | Total  |     |  |          |    |       |
|---------------------------------------|-----------|-----|--|----------|----|--|---------------|----|--|----------|----|--|--------|-----|--|----------|----|-------|
|                                       | Adults    |     |  | Children |    |  | Adults        |    |  | Children |    |  | Adults |     |  | Children |    |       |
|                                       | M.        | F.  |  | M.       | F. |  | M.            | F. |  | M.       | F. |  | M.     | F.  |  | M.       | F. | Total |
| A.—(1) On Register, 1st January .. .. | 193       | 140 |  | 37       | 24 |  | 34            | 39 |  | 24       | 28 |  | 227    | 179 |  | 61       | 52 | 519   |
| (2) Transfers from other areas .. ..  | 5         | 9   |  | —        | —  |  | —             | 1  |  | —        | —  |  | 5      | 10  |  | —        | —  | 15    |
| (3) Lost Sight of cases returned.. .. | —         | —   |  | —        | —  |  | —             | —  |  | —        | —  |  | —      | —   |  | —        | —  | —     |
| B.—New Cases diagnosed as:—           |           |     |  |          |    |  |               |    |  |          |    |  |        |     |  |          |    |       |
| (1) Class T.B. Minus .. ..            | 7         | 7   |  | 5        | —  |  | 2             | 8  |  | 1        | —  |  | 9      | 15  |  | 6        | —  | 30    |
| (2) Class T.B. Plus .. ..             | 33        | 12  |  | —        | 1  |  | —             | 4  |  | —        | 6  |  | 33     | 16  |  | —        | 7  | 56    |
| C.—Cases written off:—                |           |     |  |          |    |  |               |    |  |          |    |  |        |     |  |          |    |       |
| (1) Recovered .. ..                   | 8         | 4   |  | 1        | 2  |  | 1             | 3  |  | 4        | 4  |  | 9      | 7   |  | 5        | 6  | 27    |
| (2) Dead (all causes) .. ..           | 18        | 1   |  | —        | —  |  | —             | —  |  | —        | 2  |  | 18     | 1   |  | —        | 2  | 21    |
| (3) Removed to other areas .. ..      | 7         | 4   |  | —        | —  |  | —             | —  |  | —        | 2  |  | 7      | 4   |  | —        | 2  | 13    |
| (4) For other reasons .. ..           | 1         | —   |  | 1        | —  |  | —             | 1  |  | —        | —  |  | 1      | 1   |  | 1        | —  | 3     |
| D.—On Register, 31st December .. ..   | 204       | 159 |  | 40       | 23 |  | 35            | 48 |  | 21       | 26 |  | 239    | 207 |  | 61       | 49 | 556   |



## **(b) CANCER.**

The Health Committee have for many years contributed to the National Society for Cancer Relief, and have in addition this year contributed to the Yorkshire Council of the British Empire Cancer Campaign, thereby linking the City of York with the work of this organisation.

The Secretary of the National Society for Cancer Relief sends the following report by Miss P. O'Callaghan on work in the York area during 1952:—

“At the beginning of 1952 there were 120 patients on our books, of whom 18 were receiving financial assistance. There were 13 deaths during the year, and 30 new patients, making a total of 137 patients on our books at the end of the year, 19 of whom were receiving financial assistance.

During the year 765 visits were paid, 702 to patients within the City, and 63 to ex-City cases. Five patients were visited in hospital.

There were 58 visits to Doctors, Institutions and patients' relations, etc.

I should like to express my thanks to the W.V.S., the York Red Cross, the staff of the York County Hospital and numerous other friends, for the sympathy and help extended to me in my work.”

## **(c) PATIENTS DISCHARGED FROM HOSPITAL UNDER THE CARE OF GENERAL PRACTITIONERS.**

The after-care service is developing satisfactorily as regards cases discharged from general hospitals, infectious disease, maternity hospitals and sanatoria, but after-care is still inadequate for patients discharged from mental hospitals. Details of after-care arrangements are given in the Annual Report for 1950.

## **(d) CONVALESCENT HOLIDAYS.**

89 patients were sent to Convalescent Homes during 1952. They were sent on a doctor's recommendation as needing a period of rest convalescence for medical and social reasons.

The convalescent homes used which have all been visited and approved, are at Barrow-in-Furness, Heswall, Hoylake, Pensarn, Southport, West Kirby, Lancaster, Grange, St. Anne's-on-Sea, Windermere, Ambleside, Chat-hill (Northumberland), Buxton, Ilkley, Bridlington and Scarborough.

Patients are seen by health visitors before and after the holidays, and in almost all cases improved health and a brighter outlook have been noted.

The ages of patients have ranged from 3 years to 81 years.

Efforts are made to solve home difficulties contributing to ill-health, so that improvement may be maintained on the patient's return.

The Authority's Convalescent Scheme was generously supplemented by a grant from the Purey Cust District Nursing Fund. This enabled us to help an additional 22 cases who were not eligible under the Authority's scheme. They were mostly advanced incurable cases, and the benefit of the change to the morale of the patient, and the relief to the relatives after long periods of difficult nursing, was very great.



### (e) HEALTH EDUCATION.

Health Education is one of the most important aspects of the work of the Health Department, and the value of teaching given by members of the staff during their routine duties, cannot be easily assessed.

Posters dealing with health topics, and supplied by the Central Council for Health Education, are displayed in prominent sites in the City and changed regularly. A folding metal stand suitable for display in public buildings, large stores, etc., is used for various health topics. Posters and leaflets of the Central Council and of our own department are distributed as opportunities arise.

A two-day course on "The Theory and Practice of Health Education" was well attended by public health workers from York and adjoining areas. It was organised by the Central Council.

Lectures on health topics were given to various local organisations by the Medical Officer of Health, the Chief Sanitary Inspector, the Health Welfare Officer, and various members of the Health Committee staff.

A cancer education scheme was launched, lectures being given to health workers who undertake domiciliary visiting by Mr. Nuttall of Leeds, and to various voluntary organisations by the Medical Officer of Health. Arrangements were made by the Yorkshire Council of the British Empire Cancer Campaign for an office to be opened in York in January, 1953, and for Mr. Malcolm Donaldson to be full-time director of an education campaign in York and the East Riding.

The co-operation of the Press in health education matters was much appreciated.

### DOMESTIC HELPS.

#### (Section 29).

The work of the Home Help Service has increased steadily, and the formation of a Night Attendants' Service and special branch for cases of tuberculosis has been well justified. A register of women who are competent to undertake last offices is kept by the Organiser, arrangements for payment being made direct between the relatives of the deceased and the women who are registered. The list is circulated to undertakers.

At 31st December, 1952, the following Home Helps were employed:—

|   |     |     |    |
|---|-----|-----|----|
| Number of Permanent Home Helps          | ... | ... | 11 |
| Number of Part-Time Home Helps          | ... | ... | 33 |
| No. of Temporary Home Helps (Full-time) | ... | ... | 26 |
| No. of T.B. Home Helps...               | ... | ... | 5  |
| No. of Sitters-up                       | ... | ... | 9  |
|   |     |     | —  |
| Total                                   | ... | ... | 84 |
|   |     |     | —  |

During the year the following cases were attended:—

|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| Maternity cases                               | ... | ... | ... | ... | 155 |
| General Sickness (including care of the aged) | ... | ... | ... | ... | 572 |
| Tuberculosis                                  | ... | ... | ... | ... | 21  |
|   |     |     |     |     | —   |
| Total   | ..  | ..  | ..  | ..  | 748 |
|   |     |     |     |     | —   |



Of these, 616 were new cases, compared with 518 in 1951. The average number of cases visited weekly was 150.

The National Wage Award included a reduction in working hours for our Home Helps from 48 to 44 per week, and led to a revision of the agreed scale of assessment. The 25% reduction for long term cases was cancelled, and 20% surcharge added to all cases. The cost of the service rose from 2/- to 2/4½ per hour during the year.

## MENTAL HEALTH SERVICE.

(Section 51).

I am indebted to my Senior Mental Welfare Officer, Mr. Bradley, for the following report:—

### 1. Administration.

(See also appendix "Survey of Local Health Services").

Miss Newsome, Assistant Supervisor, Occupation Centre, was released to attend a year's course organised by the National Association of Mental Health.

### 2. Account of Work Undertaken in the Community.

(a) *Under Section 28, National Health Service Act, 1946.*

Close liaison with the National Assistance Board and with the Ministry of National Insurance has been maintained, but it was not possible during 1952 to develop the after-care service as had been hoped.

(b) *Under the Lunacy and Mental Treatment Acts 1890-1930 by Duly Authorised Officers.*

*Patients admitted to and Discharged from Hospitals.*

| Hospital                 | Voluntary |     |      |     | Temporary |     |      |     | Certified |     |      |     |
|--------------------------|-----------|-----|------|-----|-----------|-----|------|-----|-----------|-----|------|-----|
|                          | 1952      |     | 1951 |     | 1952      |     | 1951 |     | 1952      |     | 1951 |     |
|                          | Ad        | Dis | Ad   | Dis | Ad        | Dis | Ad   | Dis | Ad        | Dis | Ad   | Dis |
| Naburn .. .. .           | 66        | 59  | 57   | 51  | 6         | 3   | 3    | —   | 29        | 11  | 37   | 24  |
| Clifton .. .. .          | 3         | 2   | 9    | 10  | —         | —   | —    | —   | 11        | 3   | 6    | 4   |
| Bootham Park .. .. .     | 20        | 1   | 3    | 1   | 8         | 1   | —    | —   | 6         | 2   | 10   | 1   |
| Broadgate .. .. .        | 2         | —   | —    | —   | —         | —   | —    | —   | —         | —   | 2    | —   |
| Retreat .. .. .          | —         | —   | —    | —   | —         | —   | —    | —   | 5         | 1   | 2    | —   |
| Stanley Royd .. .. .     | —         | —   | —    | —   | —         | —   | —    | —   | 2         | —   | —    | —   |
| St. James, Leeds .. .. . | 1         | —   | —    | —   | —         | —   | —    | —   | —         | —   | —    | —   |
| Storthes Hall .. .. .    | —         | —   | —    | —   | —         | —   | —    | —   | 1         | —   | —    | —   |
| Menston .. .. .          | —         | —   | —    | —   | —         | —   | —    | —   | 1         | —   | —    | —   |
| Friern Hospital .. .. .  | —         | —   | —    | —   | —         | —   | —    | —   | 1         | —   | —    | —   |
| Total .. .. .            | 92        | 62  | 69   | 62  | 14        | 4   | 3    | —   | 56        | 17  | 57   | 29  |

*Three Day Orders, Section 20.*

136 patients were admitted to The Grange Hospital on three day orders, the same number as in 1951. Of these 38 were over 70, as compared with 47 last year.

*Subsequent Disposal.*

|    |  |
|----|--|
| 26 | were certified                         |
| 21 | became voluntary patients              |
| 8  | became temporary patients              |
| 28 | were admitted to Chronic Sick Wards    |
| 1  | was admitted to Part III Accommodation |
| 40 | were allowed to return home            |
| 9  | were admitted to General Hospitals     |
| 3  | patients died                          |

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136

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*Deaths.*—There were 26 deaths during 1952, as compared with 30 in 1951.

(c) *Mental Deficiency Acts 1913-1938.*

(i) *Ascertainment, including number of defectives awaiting vacancies in institutions at the end of the year.*

During 1952 there were 28 cases ascertained and found subject to be dealt with under the Mental Deficiency Acts as compared with 33 cases last year. These were made up as follows:—

Reported by Local Education Authority—

|  |         |    |
|--|---------|----|
| Under Section 57 (3) of the Education Act 1944 | ..      | 9  |
| Under Section 57 (4) of the Education Act 1944 | ..      | 2  |
| Under Section 57 (5) of the Education Act 1944 | ..      | 11 |
| Other Sources                                  | .. .. . | 6  |
| Total  | .. .. . | 28 |

These were disposed of as follows:—

|                       |         |    |
|-----------------------|---------|----|
| Institutions          | .. .. . | 5  |
| Statutory Supervision | .. .. . | 17 |
| Voluntary Supervision | .. .. . | 1  |
| Place of Safety       | .. .. . | 2  |
| Action Pending        | .. .. . | 3  |
| Total                 | .. .. . | 28 |

Five defectives were awaiting vacancies for admission to hospital on 31st December, 1952.

(ii) *Guardianship and Supervision.*

Five cases have been discharged from Guardianship Orders during 1952, leaving 3 cases still under Guardianship.



(iii) Certificates of exemption from payment of National Insurance have been obtained in all appropriate cases.

(iv) *Training.*

(a) *Occupation Centre, St. Saviourgate.*

The number of pupils on the register is 47, including 4 Riding Cases.

The possibility of keeping the Centre open all the year round, rather than following primary school terms, was considered by the Committee but found to be impracticable.

Four children attending the Centre were certified and admitted to Mental Deficiency colonies during the year. Their ages were 7, 10, and two of 15. All were boys.

Miss B. Z. Black, Speech Therapist, gives one session per fortnight to work at the Centre.

(b) *Parent-Teachers' Association.*

The Parent-Teachers Association continues to do good work. During the year lectures were given by Dr. W. Fraser, Medical Superintendent of Clifton Hospital, Mr. H. Hall, Sanitary Inspector, Miss B. Z. Black, Speech Therapist and Mr. R. P. Smith, Head of Castle Howard School. Educational films have been shown and whist drives held weekly.

A Bring and Buy Sale, and Jumble Sale were also held during the year.

Many amenities have been provided for the children by the Parent-Teachers' Association, including an outing to Filey in the Summer and a visit to the pantomime.

The Christmas Party was an outstanding success, and special thanks are due to the Retreat for the puppet show which they provided.

### **Mental Deficiency.**

*Number of Defectives on the Register at 31st December, 1952.*

*Classification.*

|  |         |       |
|--|---------|-------|
| In Institutions (including cases on licence) | ..      | 167   |
| Under Guardianship                           | .. .. . | 3     |
| In "Places of Safety"                        | .. .. . | 3     |
| Under Statutory Supervision                  | .. .. . | 132   |
| Under Voluntary Supervision                  | .. .. . | 10    |
| Action Pending                               | .. .. . | 3     |
|  |         | <hr/> |
|  |         | 318   |
|  |         | <hr/> |

*Grading.*

|                     |         |       |
|---------------------|---------|-------|
| High Grade Cases    | .. .. . | 43    |
| Medium Grade Cases  | .. .. . | 44    |
| Low Grade Cases     | .. .. . | 41    |
| Cot and Chair Cases | .. .. . | 10    |
|                     |         | <hr/> |
| Total               | .. .. . | 138   |
|                     |         | <hr/> |

*Cases considered suitable for:—*

|                   |    |    |    |    |    |    |
|-------------------|----|----|----|----|----|----|
| Occupation Centre | .. | .. | .. | .. | .. | 45 |
| Industry Centre   | .. | .. | .. | .. | .. | 10 |
| Home Training     | .. | .. | .. | .. | .. | 1  |
|                   |    |    |    |    |    | —  |
| Total             | .. | .. | .. | .. | .. | 56 |
|                   |    |    |    |    |    | —  |

Of these, 43 are being trained at the Occupation Centre, and 1 at home. This emphasises the need for an adult centre for male defectives.

Fifteen cases were discharged from Statutory Supervision during the year.

During 1952, 23 cases ceased to be under care, and of these 3 died, and 2 removed from the York area.



## Section C.

### Prevalence of, and Control Over, Infectious and Other Diseases.

#### NOTIFICATION TABLE.

##### CONFIRMED CASES.

|  | 1948 | 1949 | 1950 | 1951 | 1952 |
|--|------|------|------|------|------|
| Cerebro Spinal Fever .. .. .             | 4    | 2    | —    | 1    | 2    |
| Diphtheria .. .. .                       | 8    | 2    | —    | —    | —    |
| Dysentery .. .. .                        | 7    | 2    | 25   | 23   | 8    |
| Encephalitis Lethargica .. .. .          | —    | —    | —    | —    | —    |
| Enteric Fever .. .. .                    | 3    | —    | 1    | 1    | 1    |
| Erysipelas .. .. .                       | 20   | 14   | 7    | 5    | 11   |
| Food Poisoning .. .. .                   | 4    | 7    | 41   | 5    | 28   |
| Malaria .. .. .                          | 1    | 3    | 3    | —    | 3    |
| Measles .. .. .                          | 630  | 1379 | 1715 | 997  | 2310 |
| Ophthalmia Neonatorum .. .. .            | 2    | 1    | —    | 7    | 1    |
| Pneumonia } Acute Primary .. .. .        | 23   | 31   | 18   | 18   | 38   |
| } Influenzal .. .. .                     | 3    | 11   | 3    | 17   | 3    |
| Polio Encephalitis, Acute .. .. .        | —    | 1    | 2    | 4    | 1    |
| Poliomyelitis, Acute } Paralytic .. .. . | —    | 20   | 31   | 3    | 26   |
| } Non-Paralytic .. .. .                  | 2    | 6    | 17   | 10   | 7    |
| Puerperal Pyrexia .. .. .                | 7    | 4    | 4    | 39   | 28   |
| Scabies .. .. .                          | 46   | 24   | 1    | 6    | 6    |
| Scarlet Fever .. .. .                    | 378  | 271  | 360  | 269  | 311  |
| Smallpox .. .. .                         | —    | —    | —    | —    | —    |
| Whooping Cough .. .. .                   | 190  | 564  | 321  | 658  | 528  |

#### Poliomyelitis and Polio-Encephalitis.

The incidence during the past five years is seen in the above table. The age distribution during 1952 was similar to other years, with the heaviest incidence in the under 5, 5-10 and 20-30 age groups.

| Age Group | Under 5 | 5-10 | 10-15 | 15-20 | 20-30 | Over 30 | Total |
|-----------|---------|------|-------|-------|-------|---------|-------|
| Cases ..  | 16      | 8    | 1     | 1     | 7     | 1       | 34    |

In two instances this year more than one case was notified in the same family. A child of 4, and an infant of 6 months were notified from one family during July and another child of 4 with his mother during August. All four cases were paralytic. It is probable that more than one case had occurred in other families, but owing to the mildness of the attack been undiagnosed or not notified.

There was no undue incidence in any one section of the City, but the Tang Hall Estate was comparatively free from infection.

The seasonal incidence was as follows:—

June, 4 cases; July, 1; August, 10; September, 5; October, 5; November, 4. This showed a shift to one month earlier in the year compared with 1951.

### Dysentery.

Only 8 cases were notified during the year. Six were Sonnei dysentery and in the other two the organism was not identified. Three cases occurred in one household, a visitor who was staying with the family being the first case. Two cases occurred in a second household, two in a third, and the last was an isolated case. Six cases were notified in January and two in September.

### Diphtheria.

There have been no cases of diphtheria in the City since 1949.

### Whooping Cough.

528 cases were notified during the year compared with 658 in 1951. There was one death. This was a child of 8 months, the cause of death being certified as due to (a) atelectasis, (b) whooping cough.

### Smallpox.

No case or suspected case of this disease was reported.

### Scarlet Fever.

311 cases were notified during the year, 209 of which were school children. 255 cases were removed to hospital. This admission rate of 81.9% is high. The illness was of a mild type.

### Influenza and Pneumonia.

| Cases Notified:—  | 1948 | 1949 | 1950 | 1951 | 1952 |
|---|------|------|------|------|------|
| Acute Primary Pneumonia .. ..                             | 23   | 31   | 18   | 18   | 38   |
| Acute Influenzal Pneumonia .. ..                          | 3    | 11   | 3    | 17   | 3    |
| Deaths from Influenza (notified cases) ..                 | —    | —    | 1    | 2    | —    |
| Deaths from Pneumonia (Registrar-General's figures) .. .. | 39   | 34   | 43   | 52   | 32   |

### Enteric Fever.

A case of paratyphoid B was notified in September. The origin of the infection was not traced. The child had been on holiday during the last fortnight of August, and developed symptoms on 9th September. It is probable therefore that the infection was contracted out of York.

### Puerperal Pyrexia.

28 cases were notified during the year, compared with 39 during 1951.

An analysis of cases showed the causes to be:—

|   |    |
|---|----|
| Mastitis (including flushed or engorged breasts) .. | 9  |
| Infections of urinary tract .. ..                   | 4  |
| Uterine sepsis .. ..                                | 8  |
| Sepsis of episiotomy wound .. ..                    | 3  |
| Upper respiratory infection .. ..                   | —  |
| Other causes .. ..                                  | 3  |
| Cause unknown .. ..                                 | 1  |
| Total .. ..   | 28 |



### Ophthalmia Neonatorum.

One case was notified during the year. It occurred in hospital and cleared completely.

### Measles.

1952 was an epidemic year for measles, 2,310 cases being notified, compared with 997 in 1951. The incidence was the highest recorded since measles became notifiable in 1939. There were no deaths.

### Mumps, Chickenpox, German Measles.

284 cases of mumps, 199 cases of chickenpox and 83 cases of German measles were reported to the school clinic.

### Scabies.

Only two cases of scabies were treated at the cleansing centre during the year. One was an adult and one a child under 5.

### Venereal Diseases.

A Health Visitor is detailed for case holding and contact tracing and works under the direction of the Medical Officer in charge of the V.D. centre. This health visitor also works part-time for the Ridings, and does work as necessary for their cases attending the York Centre.

The following table summarises the work carried out in the clinic at the County Hospital during 1952:—

|                                      | Syphilis |        | Gonorrhœa |        | Non-Venereal |        | Total |
|--------------------------------------|----------|--------|-----------|--------|--------------|--------|-------|
| New patients .. ..                   | 36       |        | 22        |        | 195          |        | 253   |
| Total attendances at clinics .. ..   | Male     | Female | Male      | Female | Male         | Female |       |
|                                      | 1034     | 1043   | 173       | 102    | 667          | 513    | 3532  |
| Attendances for treatment only .. .. | 512      | 526    | 9         | 24     | 62           | 41     | 1174  |

### PATHOLOGICAL WORK

|   | Microscopical |           | Cultural | Serum |      | Cerebro-spinal fluid | Non-venereal or undiagnosed conditions |
|---|---------------|-----------|----------|-------|------|----------------------|--|
|   | Syphilis      | Gonorrhœa |          | Syph. | Gon. |                      |  |
| Number of specimens examined by Medical Officer of treatment centre in Pathological laboratory. .. .. | 28            | 675       | 4        | —     | —    | —                    | 243                                    |
| Number of specimens sent to an approved laboratory for examination .. ..                              | —             | —         | 290      | 667   | 13   | 36                   | 76                                     |

## Cleansing and Disinfection.

Work is carried out as necessary for the Local Authority at the Steam Disinfecting Station, Yearsley Bridge.

Disinfection of rooms by fumigation or spraying is also carried out where necessary. The following figures represent the disinfecting work carried out during recent years:—

|   | 1947   | 1948   | 1949   | 1950   | 1951   | 1952   |
|---|--------|--------|--------|--------|--------|--------|
| Rooms disinfected by fumigation or spraying .. .. . | 1,084  | 1,166  | 820    | 1,075  | 865    | 1,045  |
| Articles disinfected by steam disinfector ..        | 20,122 | 19,315 | 12,186 | 15,159 | 18,464 | 14,024 |
| Library and other books disinfected ..              | 149    | 379    | 162    | 292    | 226    | 222    |

The most effective cleansing of rooms after infection is efficient cleansing carried out by the householder.



## Section D.

### Sanitary Circumstances of the Area.

The main report on Sanitary Circumstances of the Area is included in the section dealing with the work of the sanitary inspectors. (Section G.).

#### Water Supply.

I am indebted to Mr. J. Dunkley, Acting Engineer of the York Waterworks Company, for the following information:—

During the year ended 31st December, 1952, the total quantity of water supplied to consumers within the Company's area of direct supply was 2,443,338,000 gallons, representing an average daily consumption of 6,675,787 gallons, which is a slight decrease on the previous year's average of 6,740,813 gallons per day.

The average daily consumption for domestic and public purposes (un-metered supplies) was 3,965,112 gallons, an increase of 163,852 on the year 1951, whereas that for metered supplies to Industries, etc. (non-domestic) was 2,710,675 gallons—a decrease of 228,878 gallons on the previous year.

With an estimated population of 129,500 within the statutory area supplied by York Waterworks Company, the average domestic supply per person was 30.61 gallons per day—as compared with 29.35 gallons for the previous year). No restrictions were imposed on the supply at any time.

The area within the Company's Statutory limits is approximately 35 square miles. It embraces York County Borough with the 13 neighbouring parishes of Clifton Without, New Earswick, Huntington, Earswick, Towthorpe, Heworth Without, Osbaldwick, Heslington, Fulford, Bishopthorpe, Knapton, Upper Poppleton and Nether Poppleton.

In addition to the area directly served, bulk supplies are afforded to three neighbouring authorities, the Flaxton, Derwent and Tadcaster Rural District Councils who distribute it in 25 parishes outside the Company's limits. The quantity supplied during the year was 369,213 gallons—being an increase of 66,356 on the previous year.

All water supplied by the Company is derived from the River Ouse at Acomb Landing Works above the City. Purification processes are employed in the following sequence:—Chemical pre-treatment with coagulant and prechlorination, sedimentation, dual filtration by rapid gravity and slow sand filters, and finally post chlorination.

The results of regular bacteriological and chemical examinations of samples taken throughout the year show that the water supplied to consumers was of the usual consistently high standard.

## Bacteriological Examinations.

303 samples of water leaving the waterworks and passing into the distribution system, and from premises in the City and near the outskirts were submitted to the Analysts for bacteriological examination during the year; the results are summarised below:—

Number of colonies per millilitre developing on Agar.—

|                  |                        |     |      |
|------------------|------------------------|-----|------|
| 3 days at 20°C.  | Average of 303 samples | ... | 3.25 |
| 48 hrs. at 37°C. | Average of 303 samples | ... | 1.21 |

Presumptive Coli Organisms—

|                                |     |     |              |
|--------------------------------|-----|-----|--------------|
| 1515 tests with 10 millilitres | ... | ... | All negative |
| 303 „ „ 50 „                   | ... | ... | „            |

Clostridium Welchii—

|                                |     |     |              |
|--------------------------------|-----|-----|--------------|
| 104 tests with 100 millilitres | ... | ... | All negative |
|--------------------------------|-----|-----|--------------|

## CHEMICAL ANALYSES.

Once a month a chemical analysis of town's water is made by the Public Analyst, the average of the results of the 12 samples examined in 1952 were as follows:—

| Physical Characters.              | Average of the 12 samples. |     |     |  |
|-----------------------------------|----------------------------|-----|-----|--|
| Suspended matter                  | ...                        | ... | ... | none   |
| Appearance of a column 2 ft. long | ...                        | ... | ... | { 7—clear; colourless<br>5—clear; very faintly yellow. |
| Hazen colour                      | ...                        | ... | ... | 2.1  |
| Taste                             | ...                        | ... | ... | Normal   |
| Odour                             | ...                        | ... | ... | None   |

## Chemical Examinations.

## Parts per million.

|                                     |     |     |     |       |
|-------------------------------------|-----|-----|-----|-------|
| Total Solids dried at 180°C.        | ... | ... | ... | 271.7 |
| Chlorides in terms of Chlorine      | ... | ... | ... | 18    |
| Equivalent to Sodium Chloride       | ... | ... | ... | 29.7  |
| Nitrites                            | ... | ... | ... | None  |
| Nitrates as Nitrogen                | ... | ... | ... | 1.29  |
| Poisonous Metals (lead, etc.)       | ... | ... | ... | None  |
| Total hardness                      | ... | ... | ... | 193.5 |
| Temporary Hardness                  | ... | ... | ... | 127.6 |
| Permanent Hardness                  | ... | ... | ... | 65.9  |
| Oxygen absorbed in 4 hours at 80°F. | ... | ... | ... | 0.85  |
| Ammoniacal Nitrogen                 | ... | ... | ... | 0.011 |
| Albuminoid Nitrogen                 | ... | ... | ... | 0.044 |
| Free Chlorine                       | ... | ... | ... | 0.06  |
| pH value                            | ... | ... | ... | 7.5   |

## B. Coli test of each of the 12 samples.

Probable number of coliform organisms per 100 millilitres—0

Public Analyst's remark on each of the 12 reports:—Satisfactory.

In addition to the above examinations, samples were regularly and frequently taken from the various treatment and filtration plants at the Waterworks and bacteriologically examined to ensure proper plant control and efficiency. The total number was 727.



Six samples taken by the Health Authority from taps in the City were also satisfactory.

A total length of 3 miles 1,249 yards of new mains were laid during the year to improve distribution, to supply the new housing developments of the Corporation at Askham Lane, Acomb, and Moor Lane, Dringhouses, and also private development at various housing estates.

Towards the end of the year the Company were authorised by the Ministry of Housing and Local Government to commence the foundation work for an elevated water tower near Siward How to the south-east of the City for the further improvement of storage and pressure.

### **Closet Accommodation.**

The City Engineer has kindly supplied the following information:—

At the end of 1952 there were 4 pail closets, all being on the outskirts of the City.

There are 36,232 water-closets and 1,421 waste-water closets.

### **Public Cleansing.**

This is under the control of the City Engineer, and I am obliged to him for the following information:—

#### **(a) Dry House Refuse.**

All domestic refuse is placed in bins by householders and collected by the Corporation motor-vehicles, which are provided with covers to prevent the escape of dust.

Approximately 450 bins for the collection of food salvage are distributed in the public streets, also 8,200 individual pail containers for pig food have been issued to householders in certain districts of the City. The communal bins are emptied daily, and the household pails are emptied twice weekly.

Refuse and salvage from premises in the City Centre is collected weekly, and the period between collections of domestic refuse in other parts of the City (since 1940) is once a fortnight, with an intervening fortnightly collection of salvage (waste paper, tins, glass, etc.) only. It was agreed during the year to extend the weekly collection of domestic refuse to all parts of the City.

The value of salvage collected during the year 1952 has been as follows:—

|                 |     |     |        |
|-----------------|-----|-----|--------|
|                 |     |     | £      |
| Food (for pigs) | ... |     | 13,253 |
| Paper...        | ... | ... | 15,277 |
| Metals          | ... | ... | 3,931  |
| *General        | ... | ... | 2,220  |
|                 |     |     | <hr/>  |
|                 |     |     | 34,681 |
|                 |     |     | <hr/>  |

\* Glass, textiles, bones and miscellaneous.

There are now 9 dry ashpits, and 35,100 ashbins in use in the City.

The whole of the dry refuse collected is dealt with by controlled tipping.

#### **(b) Earth-closets and Privies.**

The contents of pail-closets are collected by motor vehicles and buried at the refuse tips.

(c) **Cesspools.**

There are nine cesspools in the City. These are cleansed by the Corporation, using a cesspool and gully emptier.

The contents are emptied by the Corporation and tipped into the sewer in convenient main sewer manholes, which are afterwards flushed.

**Swimming Bath Water.**

Five samples were taken from St. George's Baths, all of which were certified to be satisfactory.

One sample was taken from Rowntree Park Bath, which was certified as satisfactory, although the free chlorine was slightly excessive.

One sample was taken from Yearsley Bath, which was certified as satisfactory, although the free chlorine was slightly excessive.

**Eradication of Bed Bugs.**

|     |       |   |        |   |
|-----|-------|---|--------|---|
| (a) | (i)   | Number of Council Houses found to be infested                               | ...    | 2 |
|     | (ii)  | Number of Council Houses disinfested (with H.C.N. gas)                      | ... .. | 2 |
|     | (iii) | Disinfested with insecticidal fluid   | ... .. | 1 |
| (b) | (i)   | Number of other houses found to be infested                                 | ...    | 2 |
|     | (ii)  | Number of other houses disinfested (with H.C.N. gas) by the Local Authority | ... .. | — |
|     |       | (Fumigated with sulphur and insecticidal fluid) by Occupier                 | ... .. | 2 |

During 1952, 22½ loads of furniture from 44 houses were dealt with on behalf of tenants taking over houses on the Corporation Building Estates.

Two loads of furniture and 80 single articles of furniture were disinfested for private owners at their own expense.



## Section E. Housing.

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

|         |  |       |
|---------|--|-------|
| (1) (a) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..   | 2,797 |
| (b)     | Number of inspections made for the purpose ... ..  | 2,822 |
| (2) (a) | Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under Section 5, Housing Act, 1936 ... ..                          | Nil.  |
| (b)     | Number of inspections made for the purpose ... ..  | Nil.  |
| (3)     | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation... ..                                     | 37    |
| (4)     | Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... .. | 243   |

### 2. Remedy of defects during the year without service of formal notices:—

|   |     |
|---|-----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... | 205 |
|---|-----|

### 3. Action under Statutory Powers during the year:—

|     |  |    |
|-----|--|----|
| (a) | <i>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:—</i>                                    |    |
| (1) | Number of dwelling-houses in respect of which notices were served requiring repairs ... ..                   | 5  |
| (2) | Number of dwelling-houses which were rendered fit after service of formal notices:—                          |    |
| (a) | By owners ... ..   | 20 |
| (b) | By local authority in default of owners ... ..   | —  |
| (b) | <i>Proceedings under Public Health Acts:—</i>  |    |
| (1) | Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..    | 30 |
| (2) | Number of dwelling-houses in which defects were remedied after service of formal notices:—                   |    |
| (a) | By owners ... ..   | 35 |
| (b) | By local authority in default of owners ... ..   | 2  |
| (c) | <i>Proceedings under Sections 11 and 13 of the Housing Act, 1936:—</i>                                       |    |
| (1) | Number of dwelling-houses in respect of which Demolition Orders were made ... ..                             | 19 |
| (2) | Number of dwelling-houses demolished in pursuance of Demolition Orders ... ..                                | 10 |
| (3) | Number of Dwelling Houses in respect of which Closing Orders were made under Section 3, Housing Act, 1949 .. | 8  |

|  |   |        |    |
|--|---|--------|----|
| (d) <i>Proceedings under Section 12 of the Housing Act, 1936:—</i> |   |        |    |
| (1)  | Number of separate tenements or underground rooms in respect of which Closing Orders were made  | ... .. | 4  |
| (2)  | Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | ... .. | —  |
| (e)  |   |        |    |
| (1)  | Number of houses allocated under 20% Scheme from houses subject to Demolition and Closing Orders and Undertakings                                   |        | 25 |
| (2)  | Number of houses allocated to tuberculous patients  | ... .. | 12 |

#### 4. Housing Act, 1936, Part IV—Overcrowding:—

|   |  |        |     |
|---|--|--------|-----|
| (a)   |  |        |     |
| (1)   | Number of dwellings known to be overcrowded at the end of the year | ... .. | 17  |
| (2)   | Number of families dwelling therein                                | ... .. | 32  |
| (3)   | Number of persons dwelling therein                                 | ... .. | 114 |
| (b) Number of new cases of overcrowding reported during the year  |  |        |     |
|   |  | ...    | 7   |
| (c)   |  |        |     |
| (1)   | Number of cases of overcrowding relieved during the year           | ...    | 12  |
| (2)   | Number of persons concerned in such cases                          | ... .. | 53  |
| (d) Cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding |  |        |     |
|   |  | ... .. | —   |

Under Section 11 of the Housing Act, 1936, during 1952 33 dwellings were represented as being unfit for human habitation.

Under Section 12 of the Housing Act, 1936, during 1952 parts of four buildings were represented as being unfit for human habitation.

Undertakings were accepted in respect of six houses that they would not be used for human habitation when they had been vacated.

Circular 2156 of the Ministry of Health allowed a condemned house to be re-opened during the period of the Emergency, and the last dwelling-house dealt with under Section 11 of the Housing Act, 1936, which was re-opened for human habitation with the consent of the Health Committee, has now had the licence withdrawn.

#### *Sufficiency of Supply of Houses.*

In December, 1952, the number of applicants for Corporation houses was 3,194.

There are at present, no accurate figures indicating the extent of overcrowding, and an attempt can only be made to adjust the figures disclosed by the Overcrowding Survey, made many years ago, by new cases which are brought to notice, and old cases which are rehoused. A new survey is urgently needed to provide exact information of the housing needs, related to unfit houses and to overcrowding not only in this City, but of the country as a whole.



## Section F.

### Inspection and Supervision of Food.

|   |                        |     |
|---|------------------------|-----|
| (a) Milk Supply:                                      | (See Sections G and H) |     |
| (b) Meat and Other Foods:                             | Do.                    | do. |
| (c) Adulteration, etc.:                               | Do.                    | do. |
| (d) Chemical and Bacteriological Examination of Food: | Do.                    | do. |

#### Food Premises.

A total of 2,329 re-inspections were made to food premises during the year, in addition to many inspections of stalls in the open Market and other places where food was sold in the open air, including the York Racecourse.

At the end of the year the number of premises regarded as being satisfactory in ALL respects was 985, and the number requiring further consideration or attention was 338. There were 11 new premises recorded and 18 premises were discontinued, giving a total of 1,323.

The following table indicates the improvements which have been made as a result of inspectors' requirements during the year:—

Washing facilities improved—

|     |  |    |    |    | <i>Premises</i> |      |
|-----|--|----|----|----|-----------------|------|
|     |  |    |    |    | 1952            | 1951 |
| (a) | by provision of instantaneous water heaters at | .. | .. | .. | 74              | 174  |
| (b) | by replacement of defective sinks at           | .. | .. | .. | 8               | 13   |
| (c) | by provision of additional sinks at            | .. | .. | .. | 9               | 27   |
|     | Sanitary accommodation improved at             | .. | .. | .. | 20              | 34   |
|     | Ventilation improved at                        | .. | .. | .. | 15              | 31   |
|     | Drainage works executed at                     | .. | .. | .. | 19              | 32   |

Cleanliness improved—

|     |                                      |    |    |    |    |     |
|-----|--------------------------------------|----|----|----|----|-----|
| (a) | by cleansing of wall surfaces at     | .. | .. | .. | 58 | 110 |
| (b) | by cleansing of ceiling surfaces at  | .. | .. | .. | 58 | 109 |
|     | Floor surfaces repaired at           | .. | .. | .. | 13 | 18  |
|     | Structural and other improvements at | .. | .. | .. | 72 | 27  |
|     | Improvement in general conditions at | .. | .. | .. | 94 | 57  |

The work of inspection was supplemented by addresses at several meetings which were organised during the year to focus public attention on the subject of clean food.

### Food Poisoning.

Twenty-eight cases of food poisoning were notified during 1952. Of these, 4 were apparently isolated cases and 3 cases formed a group occurring in one household.

The source of the infection was not identified in any of these 7 cases owing to the lateness of the notifications, and specimens of suspected food being unobtainable.

The group of 21 cases were among employees of a Burton-on-Trent brewery who were on a day's outing to Scarborough. They left Burton at 7-30 a.m. and were taken ill before they reached York from 11-30 onwards.

Three parties left Burton-on-Trent that day, for Scarborough, the Dukeries and Battersea Pleasure Gardens. All were supplied with sandwiches from the same caterers and all parties reported cases of food poisoning. Refreshments carried for the coach party included ham sandwiches, cheese sandwiches, tomatoes, port wine, barrel beer and lemonade.

The cause was traced to the ham sandwiches which were heavily infected with staphylococcus aureus. The same organism was recovered from three kitchen workers where the sandwiches had been prepared, one of whom had recently undergone a nasal operation for a chronic condition. This worker had boiled and set the ham to cool, leaving it on the table of a hot room overnight. It was cut for sandwiches by a second employee from whom the organism was recovered on swabbing under the finger nails. The sandwiches having been made up early on Friday afternoon, were stored in the sitting-room of the leader of the party overnight. The weather at the time was warm and "muggy".

The history is a typical one of an outbreak of staphylococcal food poisoning.

### Milk in Schools Scheme.

Periodic samples are taken of milk supplied to schools, and these have been satisfactory.

The demand for school milk is shown in the following table:—

|   | 1948   | 1949   | 1950   | 1951   | 1952   |
|---|--------|--------|--------|--------|--------|
| No. of children eligible to participate .. .. . | 14,782 | 15,191 | 15,490 | 15,740 | 16,205 |
| No. of children receiving Milk ..               | 11,987 | 12,475 | 12,426 | 12,188 | 12,520 |
| Percentage .. .. .                              | 80.5   | 82.0   | 80.1   | 77.39  | 77.45  |

(Figures kindly supplied by Chief Education Officer).



## Section G.

### Report on the Work of the Sanitary Section of the Health Department.

I am indebted to my Chief Sanitary Inspector, Mr. Norman Hancock, F.R.S.I., F.S.I.A., for the following report:

The year under review has been one of consolidation, and, although there have been disturbances by staff changes, there has been steady progress in all aspects of environmental sanitation. A start has been made with slum clearance in a limited way, by closing and demolition of certain small blocks of unfit property. Much work of inspection and recording has been done, in preparation for the time when further large-scale action can be taken as replacement housing accommodation becomes available.

The supervision of premises where food is stored, sold or prepared is part of the routine work of the department, and requires constant vigilance, not only on the part of inspectors but also all persons who handle food. Attention was focused on this by certain prosecutions during the year, all of which were successful. The sale of food in the open air is an aspect of the clean food campaign where much still remains to be done.

By a re-arrangement of duties of certain members of the staff, special attention has been given to the subject of smoke abatement. This is a field where striking results can be obtained, but considerable patience and persistence are required, as well as the technical knowledge to enable advice and guidance to be given.

In the pages which follow an attempt is made to show, by means of statistical information, some of the work done by the Sanitary Inspectors.

## NUMBER AND TYPE OF INSPECTIONS.

|   |     |     |     |     |     |     |        |
|---|-----|-----|-----|-----|-----|-----|--------|
| Houses for general conditions                       | ... | ... | ... | ... | ... | ... | 2,148  |
| Houses for infectious diseases                      | ... | ... | ... | ... | ... | ... | 414    |
| Houses for verminous conditions                     | ... | ... | ... | ... | ... | ... | 133    |
| Houses for filthy conditions                        | ... | ... | ... | ... | ... | ... | 50     |
| Houses for prospective corporation tenants          | ... | ... | ... | ... | ... | ... | 748    |
| Houses-let-in-lodgings                              | ... | ... | ... | ... | ... | ... | 2      |
| Common lodging houses                               | ... | ... | ... | ... | ... | ... | 88     |
| Factories with mechanical power                     | ... | ... | ... | ... | ... | ... | 135    |
| Factories without mechanical power                  | ... | ... | ... | ... | ... | ... | 79     |
| Outworkers Premises                                 | ... | ... | ... | ... | ... | ... | 54     |
| Shops and sanitary conditions                       | ... | ... | ... | ... | ... | ... | 282    |
| Smoke Observations                                  | ... | ... | ... | ... | ... | ... | 15     |
| Drains tested                                       | ... | ... | ... | ... | ... | ... | 292    |
| Drains inspected                                    | ... | ... | ... | ... | ... | ... | 974    |
| Pigs, poultry and other animals...                  | ... | ... | ... | ... | ... | ... | 30     |
| Accumulation of offensive material                  | ... | ... | ... | ... | ... | ... | 3      |
| Offensive Trades                                    | ... | ... | ... | ... | ... | ... | 27     |
| Tents, Vans and Sheds                               | ... | ... | ... | ... | ... | ... | 25     |
| Plots of waste land                                 | ... | ... | ... | ... | ... | ... | 27     |
| Complaints as to sewers, street gulleys, etc.       | ... | ... | ... | ... | ... | ... | 7      |
| Premises for rodent infestations                    | ... | ... | ... | ... | ... | ... | 96     |
| Other visits, not classified                        | ... | ... | ... | ... | ... | ... | 2,229  |
| Meat and Food Inspections                           | ... | ... | ... | ... | ... | ... | 36,005 |
| Slaughterhouses                                     | ... | ... | ... | ... | ... | ... | 477    |
| Meat Shops  | ... | ... | ... | ... | ... | ... | 168    |
| Fruit and Vegetable Shops                           | ... | ... | ... | ... | ... | ... | 136    |
| General Provision Shops                             | ... | ... | ... | ... | ... | ... | 448    |
| Fish Shops  | ... | ... | ... | ... | ... | ... | 46     |
| Fried Fish and Chip Shops                           | ... | ... | ... | ... | ... | ... | 74     |
| Ice-cream premises                                  | ... | ... | ... | ... | ... | ... | 234    |
| Dairies and Milkshops                               | ... | ... | ... | ... | ... | ... | 114    |
| Bakehouses  | ... | ... | ... | ... | ... | ... | 165    |
| Market Inspections                                  | ... | ... | ... | ... | ... | ... | 67     |
| Licensed premises                                   | ... | ... | ... | ... | ... | ... | 128    |
| Canteens  | ... | ... | ... | ... | ... | ... | 36     |
| Number of Statutory Notices                         | ... | ... | ... | ... | ... | ... | 198    |
| Number of Informal Notices and Letters              | ... | ... | ... | ... | ... | ... | 2,026  |
| Number of Certificates under Land Charges Act, 1925 | ... | ... | ... | ... | ... | ... | 1,555  |
| Number of Complaints recorded                       | ... | ... | ... | ... | ... | ... | 257    |
| Number of Housing Cards compiled since 1911         | ... | ... | ... | ... | ... | ... | 12,521 |



## NUISANCES ABATED, DEFECTS REMEDIED, etc.

### Houses:—

|  |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|
| Provided with damp-proof courses                           | ... | ... | ... | ... | ... | ... | 1   |
| New floors laid or repaired                                | ... | ... | ... | ... | ... | ... | 15  |
| Overcrowding abated  | ... | ... | ... | ... | ... | ... | 12  |
| Cleansed and limewashed                                    | ... | ... | ... | ... | ... | ... | 10  |
| Means of ventilation improved                              | ... | ... | ... | ... | ... | ... | 62  |
| Plasterwork repaired                                       | ... | ... | ... | ... | ... | ... | 46  |
| Roofs, etc., repaired                                      | ... | ... | ... | ... | ... | ... | 97  |
| Walls re-pointed   | ... | ... | ... | ... | ... | ... | 57  |
| Fireplaces repaired  | ... | ... | ... | ... | ... | ... | 53  |
| Water spouts fixed or repaired                             | ... | ... | ... | ... | ... | ... | 119 |
| Downspouts disconnected from drain                         | ... | ... | ... | ... | ... | ... | 5   |
| Yard pavements repaired                                    | ... | ... | ... | ... | ... | ... | 3   |
| Yards repaved  | ... | ... | ... | ... | ... | ... | 4   |
| Nuisances abated from keeping of pigs and other animals... | ... | ... | ... | ... | ... | ... | 2   |
| Accumulations of manure or refuse removed                  | ... | ... | ... | ... | ... | ... | 15  |

### Drainage:—

|  |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|
| Cleansed or repaired                         | ... | ... | ... | ... | ... | ... | 36  |
| Reconstructed                                | ... | ... | ... | ... | ... | ... | 2   |
| New drains constructed                       | ... | ... | ... | ... | ... | ... | 188 |
| Disconnected from sewer                      | ... | ... | ... | ... | ... | ... | 72  |
| Ventilated                                   | ... | ... | ... | ... | ... | ... | 78  |
| Drain-openings removed from inside buildings | ... | ... | ... | ... | ... | ... | 2   |
| New sinks fixed...                           | ... | ... | ... | ... | ... | ... | 4   |
| Waste pipes of sinks trapped or renewed      | ... | ... | ... | ... | ... | ... | 9   |

### Water-closets:—

|   |     |     |     |     |     |     |    |
|---|-----|-----|-----|-----|-----|-----|----|
| Lime-washed or cleansed   | ... | ... | ... | ... | ... | ... | 4  |
| Repaired  | ... | ... | ... | ... | ... | ... | 54 |
| Reconstructed   | ... | ... | ... | ... | ... | ... | 3  |
| Light and ventilation provided or improved                          | ... | ... | ... | ... | ... | ... | 2  |
| Additional provided   | ... | ... | ... | ... | ... | ... | 13 |
| Provided with sufficient supply of water                            | ... | ... | ... | ... | ... | ... | 2  |
| Soil pipes repaired or renewed                                      | ... | ... | ... | ... | ... | ... | 1  |
| New flush pipes fixed   | ... | ... | ... | ... | ... | ... | 4  |
| "Wash-down" water-closets provided in lieu of "waste water" closets | ... | ... | ... | ... | ... | ... | 75 |
| Privies converted   | ... | ... | ... | ... | ... | ... | 3  |

### Refuse accommodation:—

|                           |     |     |     |     |     |     |    |
|---------------------------|-----|-----|-----|-----|-----|-----|----|
| Portable ashbins provided | ... | ... | ... | ... | ... | ... | 25 |
| Ashpits abolished         | ... | ... | ... | ... | ... | ... | 3  |

|                                      |     |     |     |     |     |     |     |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Miscellaneous (not classified above) | ... | ... | ... | ... | ... | ... | 111 |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|

## ADMINISTRATION OF THE FACTORIES ACT, 1937.

During the year 447 factories were on the register, including:—

|  |    |  |    |
|--|----|--|----|
| Bakehouses .. .. .                                   | 69 | Glass Manufacturers .. .. .                        | 1  |
| Restaurants and Cafes ..                             | 34 | Cabinet Makers and Upholsterers                    | 6  |
| Chocolate and Sweet Manufacturing .. .. .            | 7  | Organ and Piano Builders ..                        | 3  |
| Brewers, Mineral Water Manufacturing and Bottlers .. | 10 | French Polishers, Painters and Decorators .. .. .  | 9  |
| Manufacturing Chemists ..                            | 4  | Carpet Makers .. .. .                              | 5  |
| Boot and Shoe Repairers ..                           | 46 | Watch Repairers .. .. .                            | 4  |
| Dressmakers .. .. .                                  | 13 | Scientific Instrument Makers and Opticians .. .. . | 3  |
| Milliners .. .. .                                    | 10 | General Engineers .. .. .                          | 15 |
| Tailors .. .. .                                      | 12 | Electrical Engineers .. .. .                       | 9  |
| Button Manufacturers .. ..                           | 2  | Motor Engineers .. .. .                            | 36 |
| Laundries, Dry Cleaners ..                           | 12 | Cycle Repairers .. .. .                            | 15 |
| Saddlers .. .. .                                     | 3  | Printers .. .. .                                   | 11 |
| Builders, Joiners, Carpenters ..                     | 28 | Photography .. .. .                                | 5  |
| Plumbers and Glaziers ..                             | 14 | Warehouses .. .. .                                 | 4  |
| Tinsmiths .. .. .                                    | 3  | Miscellaneous Small Factories                      | 50 |
| Blacksmiths .. .. .                                  | 4  |  |    |

During the year 13 notices were served. Four were in respect of insufficient heating and ventilation, one notice was to cleanse and limewash, and eight were for insufficient or unsuitable sanitary conveniences.

No legal proceedings were instituted.

### COMMON LODGING HOUSES.

|   | Jan., 1952 | Dec., 1952 |
|---|------------|------------|
| No. of keepers .. .. .                              | 3          | 3          |
| No. of houses .. .. .                               | 4          | 4          |
| No. of rooms used for sleeping .. .. .              | 20         | 20         |
| No. of lodgers accommodated nightly .. .. .         | 66         | 67         |
| No. of applications for registration .. .. .        | ...        | 4          |
| No. of notices to limewash (under Bye-laws) .. .. . | ...        | 8          |

The premises have been kept in a satisfactory condition.

### FOODS.

(See also Section F).

#### Meat and other Foods.

Table I.

#### Total Weight of Unsound Meat Destroyed.

| <i>Year.</i> | <i>Stones.</i> |
|--------------|----------------|
| 1952 .. .. . | 14,776         |
| 1951 .. .. . | 19,420         |
| 1950 .. .. . | 19,079         |



Table II.

**Carcases Inspected and Condemned.**

|  | Cattle<br>excluding<br>Cows | Cows  | Calves | Sheep<br>and<br>Lambs | Pigs  |
|--|-----------------------------|-------|--------|-----------------------|-------|
| Number killed .. .. .  | 4,836                       | 862   | 2,155  | 19,450                | 6,216 |
| Number inspected .. .. .   | 4,836                       | 862   | 2,155  | 19,450                | 6,216 |
| <b>All Diseases except Tuberculosis—</b>   |                             |       |        |                       |       |
| Whole carcases condemned .. .. .   | 14                          | 13    | 30     | 89                    | 50    |
| Carcases of which some part or organ<br>was condemned .. .. .                                  | 2,193                       | 420   | 119    | 4,121                 | 2,055 |
| Percentage of the number inspected<br>affected with disease other than<br>Tuberculosis .. .. . | 45.63                       | 50.23 | 6.91   | 21.13                 | 33.86 |
| <b>Tuberculosis only—</b>  |                             |       |        |                       |       |
| Whole carcases condemned .. .. .   | 20                          | 58    | 20     | —                     | 29    |
| Carcases of which some part or organ<br>was condemned .. .. .                                  | 1,000                       | 354   | 11     | —                     | 1333  |
| Percentage of the number inspected<br>affected with Tuberculosis .. .. .                       | 21.09                       | 47.80 | 0.88   | —                     | 21.91 |

**Other Foods Inspected, Condemned and Removed for Salvage.**

A large quantity of tinned meat, glass and packet goods, fish, fruit, vegetables, eggs, sweets, cakes and biscuits, etc., were inspected, and a total weight of 2,452 stones were found to be in an unsound condition. The foodstuffs, where suitable, were removed to the Pig Salvage Department, and the remainder to the Destructor, Foss Islands, and destroyed.

Table III.

**Bacteriological Examination.**

For designations and standards for milk see 1951 Report.

| Designation                           | No. of<br>samples | Complied with<br>prescribed<br>conditions | Did not comply<br>with prescribed<br>conditions | Coliform<br>Bacilli<br>present |
|---------------------------------------|-------------------|---|---|--------------------------------|
| Tuberculin Tested .. .. .             | 30                | 19  | 11  | 7                              |
| Tuberculin Tested Pasteurised .. .. . | 57                | 57  | —   | —                              |
| Accredited .. .. .                    | —                 | —   | —   | —                              |
| Pasteurised .. .. .                   | 234               | 229                                       | 5   | —                              |
| Sterilised .. .. .                    | 41                | 41  | —   | —                              |

### Ungraded Milk—

| No. of Samples | Methylene-blue Test |                | Coliform Test  |                 |
|----------------|---------------------|----------------|----------------|-----------------|
|                | Satisfactory        | Unsatisfactory | B. Coli absent | B. Coli present |
| 25             | 18                  | 7              | 14             | 11              |

### Biological Test—

| Type of Milk                     | Number | Positive | Negative |
|----------------------------------|--------|----------|----------|
| Tuberculin Tested .. ..          | 11     | —        | 11       |
| Tuberculin Tested Pasteurised .. | —      | —        | —        |
| Accredited .. .. .               | —      | —        | —        |
| Pasteurised .. .. .              | —      | —        | —        |
| Ungraded Milk .. .. .            | 10     | —        | 10       |
| Sterilized .. .. .               | —      | —        | —        |
| Totals .. .. .                   | 21     | —        | 21       |

In the case where a positive result to the biological test is obtained, and where the milk is otherwise adversely reported upon by the Bacteriologist, particulars are sent to the County Authorities and to the Medical Officer of Health and the Sanitary Inspector of the district in which the premises are situated.

### Phosphatase Test—

| Type of Milk             | Number | Positive | Negative |
|--------------------------|--------|----------|----------|
| T.T. Pasteurised .. .. . | 57     | —        | 57       |
| Pasteurised .. .. .      | 234    | 5        | 229      |

### Turbidity Test—

| Type of Milk       | Number | Satisfactory | Unsatisfactory |
|--------------------|--------|--------------|----------------|
| Sterilised .. .. . | 41     | 41           | —              |

### Ice Cream—

Although there is no standard of cleanliness for ice cream, the Bacteriologist is of the opinion that this commodity should not contain more than 100,000 organisms in one millilitre and that B. Coli should not be present.



Where an adverse report is received from the Bacteriologist, the attention of the vendor is called and an inspection of his premises, as well as a check of his ingredients and methods, is made. Further samples are taken until a satisfactory report is obtained.

For the result of Chemical Analysis see Report of Public Analyst.

| No. of Samples | Organisms     |              | Coliform Test  |                 |
|----------------|---------------|--------------|----------------|-----------------|
|                | Under 100,000 | Over 100,000 | B. Coli absent | B. Coli present |
| 86             | 81            | 5            | 56             | 30              |

The Methylene-Blue Test, as described in the Ministry of Health's Monthly Bulletin for March, 1947, was applied to the 86 Ice Cream samples. The following are the results of this test:—56 group 1; 13, group 2; 8 group 3; and 9, group 4.

#### Food and Drugs Act, 1938.

The number of samples of food and drugs submitted to the Public Analyst under the above Act during 1952 was 350 (344 informal and 6 formal). This number represents 3.33 samples for each 1,000 of the population of the City (105,200). The proportion suggested by the Ministry of Health is 3 per 1,000.

The following table shows the percentage of adulterated samples for the last five years—

Table IV.

| Year    | Total Samples   |                    |                        | Milk Samples only |                    |                        |
|---------|-----------------|--------------------|------------------------|-------------------|--------------------|------------------------|
|         | Number examined | Number adulterated | Percentage adulterated | Number examined   | Number adulterated | Percentage adulterated |
| 1948 .. | 285             | 46                 | 16.1                   | 226               | 46                 | 20.3                   |
| 1949 .. | 371             | 28                 | 7.5                    | 319               | 25                 | 7.8                    |
| 1950 .. | 367             | 38                 | 10.4                   | 288               | 38                 | 13.2                   |
| 1951 .. | 404             | 35                 | 8.6                    | 283               | 32                 | 11.3                   |
| 1952 .. | 350             | 25                 | 7.1                    | 228               | 17                 | 7.5                    |

#### Samples taken under the Food and Drugs Act, 1938.

For the classification of samples taken see the report of the Public Analyst.

#### Manufacturers and Sellers of Ice-Cream.

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Number of Manufacturers                   | ... | ... | ... | 8   |
| Number of premises registered for sale... | ... | ... | ... | 202 |
| Number of premises on register            | ... | ... | ... | 210 |

The premises are registered in accordance with the provisions of Section 14 of the Food and Drugs Act, 1938.

### Prevention of Damage by Pests Act, 1949.

During the year 257 complaints were received of infestation of premises by rats or mice. All of these premises were treated by the Rodent Operatives. The number of rat and mice bodies collected after treatment were 881 and 1075 respectively.

During the year the Department of the City Engineer carried out the required maintenance treatment of the sewers.

### Theatre, Music Halls, etc.

Periodical inspections were made of the local theatres and cinemas.

Certain minor defects were found, but these were remedied by verbal notices to the managements.

### Waste Water-closet Replacements.

Public Health Act, 1936—Section 47 (4).

The Health Committee pay half the cost of replacement of waste-water closets by water closets, provided that half cost does not exceed £25.

As will be seen from the tabular statement (page 56), 75 water-closets have been provided in lieu of waste water-closets. In addition 3 privies and ash-pits were converted into water-closets.

There are 1,421 waste water-closets in the City.

## ATMOSPHERIC POLLUTION.

During the year two deposit gauges have been maintained at sites in the City, for the investigation of atmospheric pollution and to provide information to the Fuel Research Station of the Department of Scientific and Industrial Research. The contents of the gauges are examined at monthly intervals by the City Analyst, and the following table shows the results which were obtained:

| Recording Station | Month        | Rainfall<br>(in inches.) | Total Solids Deposited<br>(tons per square mile) |
|-------------------|--------------|--------------------------|--|
| Foss Bank         | January ..   | 1.65                     | 18.91  |
|                   | February ..  | 0.32                     | 13.41  |
|                   | March ..     | 2.44                     | 21.18  |
|                   | April ..     | 1.18                     | 14.44  |
|                   | May ..       | 0.83                     | 13.76  |
|                   | June ..      | 2.21                     | 12.21  |
|                   | July ..      | 1.50                     | 15.96  |
|                   | August ..    | 1.93                     | 13.41  |
|                   | September .. | 3.51                     | 14.82  |
|                   | October ..   | 2.88                     | 15.82  |
|                   | November ..  | 1.54                     | 13.48  |
|                   | December ..  | 1.69                     | 19.98  |
| Actual Total ..   |              | 21.68                    | 187.38   |
| Monthly Average   |              | 1.81                     | 15.61  |



|                              |                 |       |        |
|------------------------------|-----------------|-------|--------|
| Castle Museum ..             | January ..      | 1.22  | 10.64  |
|                              | February ..     | 0.28  | 8.08   |
|                              | March ..        | 2.21  | 11.50  |
|                              | Actual Total .. | 3.71  | 30.22  |
|                              | Estimated Total | 14.88 | 120.84 |
|                              | Average ..      | 1.24  | 10.07  |
| Queen Anne Grammar School .. | April ..        | 1.10  | 11.02  |
|                              | May ..          | 0.83  | 8.62   |
|                              | June ..         | 2.01  | 10.88  |
|                              | July ..         | 1.34  | 11.33  |
|                              | August ..       | 1.73  | 12.70  |
|                              | September ..    | 3.39  | 11.53  |
|                              | October ..      | 2.64  | 11.81  |
|                              | November ..     | 1.34  | 8.14   |
|                              | December ..     | 1.46  | 13.21  |
|                              | Actual Total .. | 15.84 | 99.24  |
|                              | Estimated Total | 21.12 | 132.36 |
|                              | Average ..      | 1.76  | 11.03  |

## Section H.

### Report of the Public Analyst for 1952.

Hugh Childs, B.Sc., F.R.I.C.

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Public Analyst's Laboratory,  
67, Surrey Street,  
Sheffield, 1.

May 15th, 1953.

To the Right Honourable the Lord Mayor, the Aldermen and Councillors  
of the City of York.

My Lord Mayor, Ladies and Gentlemen,

I have the honour to present the following Report of my work as Public Analyst for the City of York during the year ending 31st December, 1952.

During the year 350 samples were submitted for analysis.

The following Table shows the number and nature of the samples submitted:—

| Article                             | Number submitted |
|-------------------------------------|------------------|
| Milk .. .. .                        | 228              |
| Aspirin Tablets .. .. .             | 2                |
| Bicarbonate of Soda .. .. .         | 1                |
| Blackcurrant Jelly .. .. .          | 1                |
| Coconut .. .. .                     | 1                |
| Cut Peel (Mixed) .. .. .            | 1                |
| Desiccated Coconut .. .. .          | 1                |
| Dried Figs .. .. .                  | 1                |
| Dried Mint .. .. .                  | 1                |
| Dried Thyme .. .. .                 | 1                |
| Epsom Salts .. .. .                 | 1                |
| Fish Cakes .. .. .                  | 2                |
| Flavouring Essence (Almond) .. .. . | 1                |
| Gelatine .. .. .                    | 1                |
| Glycerine (Pure) .. .. .            | 1                |
| Ground Almonds .. .. .              | 1                |
| Ice Cream .. .. .                   | 71               |



| Article                           | Number submitted |
|-----------------------------------|------------------|
| Ice Lollie .. .. .                | 2                |
| Luncheon Meat .. .. .             | 1                |
| Marmalade .. .. .                 | 1                |
| Minced Beef .. .. .               | 1                |
| Mincemeat .. .. .                 | 2                |
| Mixed Spice .. .. .               | 1                |
| Olive Oil .. .. .                 | 1                |
| Orange Jelly .. .. .              | 1                |
| Orange Peel .. .. .               | 1                |
| Pepper .. .. .                    | 1                |
| Potted Meat .. .. .               | 2                |
| Sage .. .. .                      | 1                |
| Sausage (Beef) .. .. .            | 7                |
| Sausage (Pork) .. .. .            | 7                |
| Sponge Mixture .. .. .            | 1                |
| Table Jelly (Raspberry) .. .. .   | 1                |
| Tapioca Dessert (Vanilla) .. .. . | 1                |
| Vinegar (Malt) .. .. .            | 1                |
| White Pepper .. .. .              | 1                |

## Milk.

During the year 228 samples of Milk were examined; of these:—

211 samples were genuine.

3 samples were slightly deficient in Milk-Fat.

2 samples were deficient in Milk-Fat to the extent of 12 per cent and 14.3 per cent respectively.

1 sample was slightly deficient in Milk-Solids other than Milk-Fat. The Freezing Point (Hortvet)— $-0.527^{\circ}\text{C}$  showed the presence of a trace of Added Water.

4 samples were slightly deficient in both Milk-Fat and Milk-Solids other than Milk-Fat, Their Freezing Points (Hortvet)— $-0.546^{\circ}\text{C}$ ,  $-0.542^{\circ}\text{C}$ ,  $-0.533^{\circ}\text{C}$ ,  $-0.533^{\circ}\text{C}$ , were normal.

3 samples were deficient in Milk-Fat in proportions varying from 6.6 per cent to 22 per cent, and also slightly deficient in Milk-Solids other than Milk-Fat. Their Freezing Points (Hortvet)— $-0.540^{\circ}\text{C}$ ,  $-0.538^{\circ}\text{C}$  and  $-0.534^{\circ}\text{C}$  were normal.

1 sample was deficient in Milk-Fat to the extent of 11.3 per cent and also slightly deficient in Milk-Solids other than Milk-Fat. The Freezing Point (Hortvet)  $-0.526^{\circ}\text{C}$ , showed the presence of a small amount of Added Water.

3 samples contained Added Water in proportions varying from 4.8 per cent to 25 per cent.

The following Table shows the average monthly composition of the Milk samples:—

| Month  | No. of samples | Analytical Data |                                   |
|--|----------------|-----------------|-----------------------------------|
|  |                | Milk-Fat %      | Milk Solids other than Milk-Fat % |
| January .. .. .                                    | 26             | 3.75            | 8.53                              |
| February .. .. .                                   | 23             | 3.54            | 8.58                              |
| March .. .. .                                      | 21             | 3.81            | 8.93                              |
| April .. .. .                                      | 22             | 3.61            | 8.52                              |
| May .. .. .  | 31             | 3.29            | 8.45                              |
| June .. .. .                                       | —              | —               | —                                 |
| July .. .. .                                       | —              | —               | —                                 |
| August .. .. .                                     | —              | —               | —                                 |
| September .. .. .                                  | 12             | 3.80            | 8.95                              |
| October .. .. .                                    | 12             | 3.87            | 8.71                              |
| November .. .. .                                   | 56             | 3.86            | 8.70                              |
| December .. .. .                                   | 25             | 3.72            | 8.61                              |
| Average for the Year 1952 .. .. .                  |                | 3.69            | 8.64                              |
| Average for the Year 1951 .. .. .                  |                | 3.61            | 8.72                              |
| Requirements of the Sale of Milk Regulations, 1939 |                | 3.00            | 8.50                              |

The following Table shows the composition of the samples not complying with the requirements of the Sale of Milk Regulations, 1939:—

| Mark | Date    | Analytical Data |                                   | Freezing Point (Hortvet) °C | REMARKS  |
|------|---------|-----------------|-----------------------------------|-----------------------------|--|
|      |         | Milk-Fat %      | Milk-Solids other than Milk-Fat % |                             |  |
| 33   | Feb. 7  | 2.87            | 8.50                              | ..                          | Slightly deficient in Milk-Fat. Informal.  |
| 61   | Mar. 11 | 2.95            | 9.02                              | ..                          | Slightly deficient in Milk-Fat. Informal.  |
| 147  | May 15  | 2.90            | 8.54                              | ..                          | Slightly deficient in Milk-Fat. Informal. Refers to Nos. 126 to 133.   |
| 126  | May 1   | 2.57            | 8.56                              | ..                          | Deficient in Milk-Fat 14.3%. Informal.   |
| 140  | May 15  | 2.64            | 8.69                              | ..                          | Deficient in Milk-Fat 12%. Informal. Refers to Nos. 126 to 133.  |
| 18   | Jan. 2  | 3.80            | 8.47                              | —0.527                      | Slightly deficient in Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) showed the presence of a trace of Added Water. Informal. |
| 90   | Apl. 3  | 2.90            | 8.30                              | —0.546                      | Slightly deficient in both Milk-Fat and Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) was normal. Informal.                  |



| Mark | Date    | Analytical Data |   | Freezing Point<br>(Hortvet)<br>°C. | REMARKS  |
|------|---------|-----------------|---|------------------------------------|--|
|      |         | Milk-Fat<br>%   | Milk-Solids<br>other than<br>Milk-Fat % |                                    |  |
| 131  | May 1   | 2.90            | 8.22                                    | —0.533                             | Slightly deficient in both Milk-Fat and Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) was normal. Informal.  |
| 133  | May 1   | 2.95            | 8.41                                    | —0.533                             | Slightly deficient in both Milk-Fat and Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) was normal. Informal.  |
| 144  | May 15  | 2.95            | 8.30                                    | —0.542                             | Slightly deficient in both Milk-Fat and Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) was normal. Informal. Refers to Nos. 126 to 133.                                   |
| 143  | May 15  | 2.34            | 8.22                                    | —0.534                             | Deficient in Milk-Fat 22% and also slightly deficient in Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) was normal. Informal. Refers to Nos. 126 to 133.                  |
| 145  | May 15  | 2.80            | 8.35                                    | —0.540                             | Deficient in Milk-Fat 6.6% and also slightly deficient in Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) was normal. Informal. Refers to Nos. 126 to 133.                 |
| 188  | Dec. 3  | 2.79            | 8.21                                    | —0.538                             | Deficient in Milk-Fat 7% and also slightly deficient in Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) was normal. Informal.  |
| 127  | May 1   | 2.66            | 8.37                                    | —0.526                             | Deficient in Milk-Fat 11.3% and also slightly deficient in Milk-Solids other than Milk-Fat. F. Pt. (Hortvet) showed the presence of a small amount of Added Water. Informal. |
| 22   | Jan. 26 | 3.10            | 8.04                                    | —0.500                             | Added Water 5.4%. Informal.  |
| 25   | Jan. 30 | 2.98            | 8.09                                    | —0.498                             | Added Water 4.8%. Refers to No. 22.  |
| 26   | Jan. 30 | 2.54            | 6.37                                    | —0.393                             | Added Water 25%. Refers to No. 22.   |

All the Milk samples were free from preservatives.

Of the 228 samples of milk received and reported on during the year, 211 were genuine and 17 (7.4 per cent) adulterated or below standard.

Only three samples contained any considerable amount of added water, the amounts being 4.8 per cent, 5.4 per cent and 25 per cent.

Six samples showed deficiencies in fat in amounts varying from 6.6 per cent to 22 per cent, and seven samples showed slight deficiencies in fat.

Of the thirteen samples showing deficiencies in fat, eight samples also showed slight deficiencies in non-fatty solids, but only one of these deficiencies was found on further examination by the Freezing Point Test to be due to a trace of added water.

The remaining sample which was classed as below standard showed 3.80 per cent of fat and 8.47 per cent of non-fatty solids. The Freezing Point Test showed that the deficiency in this case was due to a trace of added water.

### **Ice Cream.**

Seventy-one samples of ice cream were submitted for chemical test during the year. Of these, 68 samples conformed in all respects to the Food Standards (Ice Cream) Orders in force at the time the samples were submitted, whilst three samples though conforming to the Orders in respect of fat and sugar, showed deficiencies in milk-solids amounting to 30 per cent, 41 per cent and 44 per cent respectively.

The fat contents of the 71 samples varied from 6.03 per cent to 12.81 per cent. The standard for fat in the Food Standards (Ice Cream) Order, 1951 was 5 per cent but this was reduced in July, 1952, by the Food Standards (Ice Cream) (Amendment) Order, 1952 to 4 per cent. It will be seen that the fat contents of the samples taken in York was well above the standard; in fact in only two samples out of seventy-one was the fat content below 7 per cent.

### **Meat and Fish Products.**

Fourteen samples of sausage (seven beef and seven pork), two samples of potted meat, two samples of fish cakes and one sample each of luncheon meat, and minced beef were examined during the year.

Three samples of pork sausage contained only 48.3 per cent, 49.7 per cent and 59 per cent of meat respectively instead of 65 per cent required by the Meat Products Order, 1952. These three samples thus showed deficiencies of 25.6 per cent, 23.5 per cent and 9.2 per cent.

One sample of beef sausage contained 45.4 per cent of meat instead of 50 per cent as required by the Meat Products Order, 1952. This sample showed a deficiency of 9.2 per cent.

The remaining ten samples of sausage conformed to the Order.

The two samples described as potted meat contained 56.9 per cent and 58.3 per cent respectively of meat, the remainder being excess water and cereal filler. Potted meat should consist of meat only, and should not contain cereal or excess water. Both of these samples should have been described as potted meat paste.

One sample of fish cakes contained only 30 per cent of fish instead of the 35 per cent prescribed in the Food Standards (Fish Cakes) Order, 1950, and showed a deficiency in fish of 14.2 per cent.

The remaining samples of meat and fish products were genuine and all conformed to the Public Health (Preservatives in Food) Regulations, 1925 to 1940.



### **Ice Lollies.**

Two samples of ice lollies were examined during the year. One sample made from orange squash and sugar was genuine and was free from any deleterious ingredients. The other sample was also made from orange squash and sugar but contained 3.84 per cent of calcium chloride (an extraneous ingredient derived from the brine used for cooling) and was, in my opinion, unfit for human consumption.

### **Marmalade.**

This sample was submitted owing to complaints of black specks in it. The sample on examination was found to contain numerous small specks of copper oxide. The amount of copper present was 20 parts per million. Such an amount of copper, although not definitely injurious, is more than should be present in an article such as marmalade, and this sample must be regarded as unsatisfactory.

### **Fertilisers and Feeding Stuffs Act, 1926.**

Twenty-two samples were received under the above Act during the year. They consisted of:—

- 1 sample of Basic Albion Slag
- 1 sample of Basic Slag
- 1 sample of Clays Fertiliser
- 1 sample of Co. Hop Manure
- 2 sample of Dried Blood Fertilisers
- 1 sample of Eclipse Fish Manure
- 1 sample of Garden and Allotment Fertiliser
- 1 sample of National Comp. Fertiliser No. 1A Granulated
- 1 sample of Nitro Chalk Fertiliser
- 1 sample of Pure Raw Bone Meal
- 1 sample of Sangral Ten Day Fertiliser
- 1 sample of Superphosphate of Lime
- 1 sample of Tomato Manure
- 1 sample of B.O.C.M. Battery Hen Pellets
- 1 sample of B.O.C.M. Dairy National Cattle Food No. 1 Dairy Nuts
- 1 sample of Feeding Fish Meal
- 1 sample of National Pig Food No. 2
- 1 sample of National Poultry Balancer Meal
- 1 sample of No. 1A Layers B.O.C.M. Pellets
- 1 sample of Phillips Poultry Yeast
- 1 sample of Spiller's Coarse Dairy Meal

One sample of Feeding Fish Meal contained only 2.84 per cent of oil instead of 4 per cent stated in the guarantee, showing a considerable deficiency in this ingredient.

One sample of National Pig Food No. 2 contained only 3.08 per cent of oil instead of 3.75 per cent given in the guarantee. This sample showed a deficiency in oil of 17.8 per cent of the amount guaranteed.

A sample of Spiller's Coarse Dairy Meal contained a very slight excess of oil and a sample of Phillips Poultry Yeast contained a slight excess of albuminoids.

The remaining samples of feeding stuffs conformed, or practically conformed, to their respective guarantees.

One sample of Superphosphate of Lime contained only 9.19 per cent of water soluble phosphoric acid. The statutory statement gave the figures 16-18 per cent water soluble phosphoric acid. According to the First Schedule to the Fertilisers and Feeding Stuffs Act, 1926, the amount of any ingredient must be stated as a definite percentage and not as a range of percentages. Assuming the guarantee to be 16 per cent, the sample showed a deficiency of 6.81 per cent or 42.5 per cent of the amount guaranteed.

Apart from this deficiency and excesses of insoluble phosphoric acid in a Fish Manure and potash in a Tomato manure, the samples of fertilisers conformed, or practically conformed, to their respective guarantees.

A sample of Dried Blood was guaranteed 13.3 per cent ammonia. This is equivalent to 10.94 per cent of nitrogen. Under the Fertilisers and Feeding Stuffs Act, 1926, nitrogen must be stated in terms of nitrogen and not in terms of ammonia. The amount of nitrogen in the sample showed it, however, to conform to the Statutory Statement.

I am, Ladies and Gentlemen,

Your obedient Servant,

HUGH CHILDS,

*Public Analyst.*



## Section I.

### Report of the Canal Boats Inspector.

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Ouse Navigation Offices,  
Naburn Locks,  
York.  
22nd February, 1953.

The Chairman and Members of the Health Committee.

Gentlemen,

I beg to submit my Annual Report as Inspector of Canal Boats for the City of York, for the year ended December, 1952.

There has been no change in the number of Canal Boats on the Register, neither has any new Certificate or Duplicate been issued.

The number of Canal Boats on the Register on December 31st, 1952, was 305. Of these, 209 have been broken up, transferred to other districts, or are not now used as dwellings. 51 vessels are not now traceable, and 35 of the registered vessels are regularly employed in this district.

The number of Canal Boat Inspections made during the year was 32.

The number of male persons on board as crew was 58. No women or children were aboard the inspected vessels.

The vessels were in uniformly good condition as regards repairs and cleanliness, except for deterioration in paintwork. No cases of infectious diseases were on board, or have been reported.

No contraventions of the Regulations were observed, and the vessels' equipment complied with the requirements regarding Canal Craft.

I am, Gentlemen,

Your obedient Servant,

W. D. FEWSTER.

## Section J.

### Miscellaneous.

#### (i) Registration of Nursing Homes.

|  |    |    |    |    |             |       |
|--|----|----|----|----|-------------|-------|
| Total Nursing Homes in the City          | .. | .. | .. | .. | 5           |       |
|  |    |    |    |    | No. of Beds |       |
|  |    |    |    |    | Maternity   | Other |
| No. 16 Mount Parade                      | .. | .. | .. | .. | 5           | —     |
| Purey Cust Nursing Home                  | .. | .. | .. | .. | 14          | 18    |
| "Ivy Dene", Front Street, Acomb          | .. | .. | .. | .. | —           | 12    |
| Nunthorpe Nursing Home, Nunthorpe Avenue |    |    |    |    | 8           | —     |
| "Howe Hill" Nursing Home                 | .. | .. | .. | .. | 6           | 4     |
| "Oakdene" Nursing Home                   | .. | .. | .. | .. | —           | 13    |

The supervision of nursing homes, including maternity homes, is carried out by the Medical Officer of Health, the senior Medical Officer for Maternity and Child Welfare and the Chief Sanitary Inspector.

#### (ii) National Health Service Executive Council for the County Borough of York.

I am indebted to the Clerk of the Council for the following information:—

Chairman:—Alderman Frank Wright.

Vice-Chairman—Mr. J. Saville, J.P.

Alderman R. V. Bainton, Councillors A. E. Hopper, W. Miles Brown, C. M. Learmonth, C. T. Marks, R. Stavers Oloman and Mrs. I. G. Wightman, Drs. D. A. Geddes-Brown, C. D. Hanham, R. P. McGarrigle, F. W. J. Platts, S. J. Smith, H. Royle and J. L. Wightman, Miss J. H. Aspden, Mrs. J. N. Mercer, J.P., and Messrs. B. Brooke, F. H. Morgan Cave, V. B. Ditcham, G. O. Nelson, F. W. Nicholson and B. Philip Rowntree.

Clerk of the Council:—Mr. J. Pearson.

Offices:—133, Holgate Road. Tel. 2542.

At the end of the year the Council's List contained the names of 54 Doctors (1 of whom employs an assistant), 26 Dentists, 2 Ophthalmic Medical Practitioners, 23 Ophthalmic Opticians, 1 Dispensing Optician and 43 Chemists, etc., involving 51 shops.

The number of persons on doctors' lists at 31st December, 1952, was 102,665.

The number of prescriptions dispensed during the period 1st January to 31st December, 1952, was 648,212.

27,432 persons received dental treatment under the National Health Service during the period 1st January to 31st December, 1952, and 11,946 persons had their eyes tested during the same period.



**Maternity Medical Services provided, 1st January, 1952, to  
31st December, 1952.**

| Description of Services Provided  | By General Practitioner Obstetricians | By other G.P.'s to persons on their lists | Total |
|---|---------------------------------------|---|-------|
| 1 (a) No. of cases in which complete maternity medical services provided .. .. .                              | 698                                   | 18  | 716   |
| (b) No. of such cases in which the doctor providing the services was in attendance at the confinement .. .. . | 558                                   | 17  | 575   |
| 2 No. of cases in which Period I only provided..  | 202                                   | 2   | 204   |
| 3 (a) No. of cases in which Period II only provided   | 25                                    | —   | 25    |
| (b) No. of such cases in which the doctor providing the services was in attendance at the confinement .. .. . | 17                                    | —   | 17    |

**(iii) Medical Examinations.**

Medical examinations were carried out by the Medical Officer of Health of 73 contacts of infectious disease, who were food workers.

**Routine Staff Examinations:—**

| <i>Department</i>                      | <i>No.</i> |
|--|------------|
| Health .. .. .                         | 27         |
| City Engineer's .. .. .                | 4          |
| Children .. .. .                       | 18         |
| Public Library .. .. .                 | 2          |
| Welfare .. .. .                        | 37         |
| Police .. .. .                         | 9          |
| Town Clerk's .. .. .                   | 4          |
| Housing and Estates .. .. .            | 2          |
| Treasury .. .. .                       | 8          |
| Castle Museum .. .. .                  | 2          |
| City Architect's .. .. .               | 5          |
| Art Gallery .. .. .                    | 2          |
| Appointments with other Authorities .. | 5          |
|  | <hr/> 125  |
| Referred to Specialists .. .. .        | 1          |
| Rejects or deferred appointments ..    | 4          |

#### (iv) Meteorology.

The following report has been furnished by the Yorkshire Philosophical Society:—

*Meteorology.*—Honorary Curator: Mr. A. Wentworth Ping, M.A., F.R.Met.Soc.

Recorder: Mr. A. Colley.

Statistics of Station: Longitude  $1^{\circ} 5'$  W.; Latitude  $53^{\circ} 57'$  N.; height above mean sea level 56 feet.

*Rainfall.*—Rain or snow fell to the amount of 21.20 inches as against 31.10 inches for 1951, a decrease of 9.90 inches, and 3.43 inches below the average of 24.63 inches for the preceding 50 years. The wettest months of the year were September 3.72 inches and October 2.44 inches. The driest months were February 0.38 inch and April 1.19 inches. The heaviest fall of the year occurred on 28th September, when 1.02 inches were recorded.

*Temperature.*—Temperature ranged from  $81^{\circ}$  F. on 17th and 18th May to  $20^{\circ}$  F. on 29th November; the range of temperature for 1952 being  $61^{\circ}$  F. as against  $56^{\circ}$  F. for 1951.

The mean temperature for the year (mean of max. and min.) was  $48.8^{\circ}$  F. as against  $48.6^{\circ}$  F. for 1951. July gave the highest mean with  $62.1^{\circ}$  F., then August with  $61.0^{\circ}$  F. January and December were lowest with  $36.7^{\circ}$  F. and  $37.5^{\circ}$  F. respectively.

*Barometer.*—A mean pressure of 1014.4 millibars (29.96 inches) (1,000 millibars—29.531 inches of mercury) at M.S.I. (corrected for diurnal variations) has been recorded, as against 1010.9 millibars (29.85 inches) for 1951. February and July gave the highest mean with 1019.3 millibars (30.10 inches) and January the lowest with 1009.5 millibars (29.81 inches). The highest reading of the barometer of 1038.5 millibars (30.68 inches) was taken on 5th February, and the lowest 974.4 millibars (28.77 inches) on 17th December. The extreme range was, therefore, 64.1 millibars (1.91 inches) as compared with 69.4 millibars (2.05 inches) in 1951. All readings corrected to M.S.I.

*Winds.*—Observations of winds at 9 a.m. G.M.T. show that during 1952 “strong” winds (force 4-8 Beaufort Scale) were recorded on 51 days, as against 63 days in 1951. The winds observed were N.W.87; W.77; S.W.65; S.36; S.E.31; N.E.31; N.21; E.18.

*Thunder, Snow and Hail.*—Thunder was heard on 14 days as against 10 days in 1951; snow or sleet fell on 23 days as against 18 days, and hail was recorded on 2 days as against 4 days the previous year.

*Sunshine.*—Sunshine recorded at Bootham School amounted to 1367.4 hours as against 1331.5 hours in 1951, an increase of 35.9 hours. The daily mean was 3.73 hours.

#### Purey Cust Funds.

The grant from the Purey Cust District Nursing Funds was used to run a chiropody clinic for aged and necessitous cases, and to provide a convalescent holiday for some for whom no facilities were available under other schemes.



### **Chiropody.**

Sixty-seven sessions were held during the year, at which 739 patients were treated. There were also 29 home visits to cases unable to attend the centre. The following are typical examples of patients treated:—

*Mrs. X, aged 86.*—Almost blind, nearest relative 100 miles away. Patient very bright and active, fond of meeting people and popular with all who know her, her feet were in such a bad condition she dare not attempt to cross the road and found great difficulty in getting to the nearest shops. The streets in the district where she lives are paved with cobblestones. Since treatment Mrs. X has been able to do her own shopping and venture further afield.

*Mr. Y., aged 82.*—This man had been active, was unable to get out every day because his feet were so painful he could scarcely walk. He was getting depressed and apathetic. After treatment by the chiropodist he is again able to take his daily walk, and has regained his former brightness.

### **Convalescent Scheme.**

Twenty-four cases were sent for convalescent holidays under the Purey Cust Scheme. It has proved of great value to have access to a voluntary fund for sick people who are not eligible under the Authorities scheme. Almost all these cases are incurable, and mostly live in depressing houses. Even the kindest of relatives become fatigued with years of nursing, and they benefit as much as the patient by being relieved of their charge for a short time.

We should again like to express our thanks to the Purey Cust Committee for their help.

### **(vi) National Assistance Act, 1948, Section 47.**

Two case were dealt with under the above section during the year.

## Section K.

# Survey of Local Health Services Provided Under National Health Service Act, 1946.

### 1. Administration.

The Authority's schemes under Part III and Part V of the National Health Service Act are administered by the Health Committee. Certain duties are delegated to Voluntary Bodies who receive grants from the Local Health Authority and have adequate Local Authority representation on their committees.

### Constitution of Health Committee.

- (a) The Rt. Hon. The Lord Mayor of York.
- (b) 16 members of the City Council.
- (c) 5 co-opted members, *i.e.*:—
  - 1 representative of the Local Medical Committee.
  - 1 representative of the B.M.A.
  - 1 representative of the Local Dental Committee.
  - 1 representative of the Royal College of Nursing.
  - 1 representative of the Royal College of Midwives.

Co-opted members attend regularly, and have made valuable contributions to the work of the committee. Their membership materially facilitates liaison with the bodies they represent.

The following Sub-Committees are appointed annually:—

#### (1) *Maternity and General Welfare.*

Meets monthly and deals with duties under Sections 22, 23, 24, 25, 26, 28 and 29 of the Act.

#### (2) *Mental Health.*

Meets in alternate months and deals with duties under Section 51 and Section 28 so far as they affect Mental Health. The Medical Superintendent of the Local Mental Hospital is Mental Health Adviser to the Council, and attends meetings of this Committee.

#### (3) *Ambulance Service.*

Meets in alternate months and deals with duties under Section 27.

#### (4) *Health Centres.*

Meets as necessary.

#### (5) *Appointments.*

Meets as necessary.

(Sanitary Services Sub-Committee meets monthly but the work is not concerned with duties under the National Health Service Act).

The following duties are delegated to Voluntary Bodies:—

- (6) Tuberculosis After-care delegated to York Tuberculosis Committee.



(7) Care of certain Problem Families is delegated to the York Family Service Unit.

(8) The Authority is affiliated to the Yorkshire Council of the British Empire Cancer Campaign for Cancer Education purposes.

(9) The Purey Cust Fund is administered by a special committee and covers chiropody service and convalescence for certain cases.

### **Control, supervision and co-ordination of services at officer level.**

Regular weekly or fortnightly meetings are held between the Medical Officer of Health and heads of sections.

Monthly staff meetings are held (at present in abeyance) one aspect of the service being discussed at each meeting. (For details of staff see pages 3, 4, 5 and 6 of Annual Report).

### **Joint arrangements with other Local Health Authorities.**

York is in the peculiar position of being a County Borough with three adjoining counties—North, East and West Ridings of Yorkshire.

#### *(a) Ambulance Service.*

The Authority operate a full ambulance service for parts of the North and East Ridings to hospitals in the City.

#### *(b) Child Welfare.*

There is a joint clinic with the Flaxton Division of the North Riding run on a York Housing Estate.

#### *(c) Certain Specialist Health Visiting Services.*

The Venereal Diseases Health Visitor works from the Hospital Clinic and does contact tracing and follow-up work for area served by the hospital, i.e., City of York with parts of North, East and West Ridings.

#### *(d) Day Nurseries.*

Certain North Riding cases are admitted.

#### *(e) Occupation Centre for Mental Defectives.*

Agreements with the North and East Ridings for the admission of certain cases.

## **2. Co-ordination and co-operation with other parts of the National Health Service.**

### *(a) At Regional Level.*

Liaison Committee of Regional Hospital Board and Local Authority Representatives.

Liaison Committee of Officers of Regional Hospital Board and Medical Officers of Health.

Medical Officer of Health and General Practitioner representation on certain Technical Advisory Panels of the Board.

Establishment of a Technical Advisory Panel on General Practice.

Local Authority and Medical Officer of Health representation on Cancer Advisory Committee of Regional Board.



(b) **At Local level.**

(Classification as in Central Health Services Council Report on methods tried. All references to the Hospital Management Committee are to York "A" and Tadcaster Group and to the Local Authority are to York County Borough Council).

(a) **Interlocking membership between different statutory authorities.**

(1) *Local Authority and Executive Council.*

The liaison is good as the representation is defined by statute. The Chairman of the Local Authority Health Committee is also Chairman of the Executive Council. The Medical Officer of Health attends Executive Council meetings and is a member of the Local Medical Committee and of the Obstetric Committee.

(2) *Local Authority and Hospital Management Committee.*

Whereas five members of the Local Authority were appointed members of the original Hospital Management Committee, the number has steadily decreased and there are now only two City Councillors on the Hospital Management Committee. The Medical Officer of Health is a member of the Medical Advisory Committee and of the Senior Medical Staff Committee. She also attends meetings of the Hospital Management Committee.

(3) *Hospital Management Committee and Executive Council.*

There is only one member of the Executive Council serving on the Hospital Management Committee. A representative of the Local Medical Committee serves on the Medical Advisory Committee.

(b) **Exchange of papers between authorities.**

Implemented, but in our opinion is of little use.

(c) **Ad. hoc. Ministry Circulars.**

These could be of great use, as giving an authoritative basis for joint discussion. One officer, however, needs to initiate such discussions, otherwise scant attention is paid to the circulars except by the authority chiefly involved.

(d) **Ad. hoc. co-operation among officers.**

We agree with the Central Health Services Council report: "This is the greatest need and yet the hardest to achieve. If there were always close co-operation between officers, few difficulties would arise."

This co-operation must of necessity take some time to develop, and is improving steadily as the work of one becomes known to the other.

(e) **Ad. hoc. meetings between members or officers of the various authorities.**

The meetings are useful when called, but rarely used.

(f) **Standing joint liaison committee on special subjects.**

Not tried at local level.

(g) **Standing joint liaison committees for general liaison purposes.**

Not tried at local level.



## Co-operation in the Care of Patients under Treatment.

### (a) *At Hospitals.*

The Senior Assistant for Maternity and Child Welfare holds the appointment of Clinical Assistant to the Paediatrician at the General and Maternity Hospitals.

The Assistant School Medical Officers have attended ward rounds with the Paediatrician, Skin department out-patients or E.N.T. out-patients as necessary.

The Superintendent Health Visitor has a regular weekly meeting with the Almoner at the General Hospital to discuss cases.

A special health visitor is allocated part-time for diabetics and attends the diabetic clinic at the hospital. She works closely with the Consultant and General Practitioners. There is a similar special health visitor for Venereal Diseases who attends the V.D. clinics at hospital and undertakes contact tracing and follow-up work.

The health visitors for tuberculosis do tuberculosis only, and work under the immediate direction of the Chest Physician from the Chest Clinic. They visit patients in the sanatorium as necessary and report weekly to the Superintendent Health Visitor.

The Consultant Paediatrician holds a weekly child welfare clinic with health visitors on Local Authority premises, and a health visitor attends a child welfare clinic run by a general practitioner in her own surgery for her own patients.

The Matron of the Maternity Hospital (which is a Part II training school) acts as non-medical supervisor of midwives for the Local Authority.

A district midwife specially trained in the care of the premature baby is notified of all cases before they are discharged from hospital and tends them in their own homes. She works closely with the paediatrician and the general practitioners.

The Welfare Officer appointed for the care of the unmarried mother and her child pays regular visits to the Maternity Hospital, and attends the Maternity Hospital booking committee and clinics as necessary.

### (b) *General Practitioners.*

The routine work of the Domiciliary Midwife and District Nurse necessitates close liaison with the general practitioners. The difficult liaison to establish is with the Health Visitor. The following methods have been tried:—

In 1949 it was agreed:—

- (a) That general practitioners be offered facilities for running their own ante-natal clinics on local authority premises if they so wish, and be given the services of a Health Visitor at such clinics.
- (b) That minor surgery facilities with the necessary nursing help be provided for general practitioners in present local authority clinics pending the establishment of health centres.
- (c) That health visitors be available to assist general practitioners in certain specific cases, *e.g.*, a measles epidemic where it might be possible for the general practitioner to pay the first visit and the Health Visitor to pay intermediate visits to selected cases, reporting progress.



The Local Medical Committee and Executive Council approved (a) and (b) but have not made use of the facilities. They did not approve (c).

It was subsequently agreed that each health visitor should be allocated a small group of doctors whom she would 'phone or visit weekly to discuss points of mutual interest. The scheme was not successful because it was repeatedly reported that there was nothing of interest to discuss and it was wasting the time of the general practitioners.

We have come to the conclusion that co-operation must develop gradually as the practitioner comes to know the work of the health visitor, and the health visitor has clearly defined in her own mind the ways in which she may be of use to the practitioner. We have found a certain diffidence on the part of health visitors to contact practitioners. An increasing number of practitioners are, however, now 'phoning health visitors about cases and making use of their services.

#### *Midwives.*

Three general practitioners have asked for midwives to be allocated to attend ante-natal clinics run for their own patients in their own surgeries. This has been arranged.

#### *Steps taken to inform (a) General Practitioners of services available.*

The most useful method we think is by circular letter to individual practitioners, and by discussion at the Local Medical Committee, the minutes of this committee being circulated to all practitioners.

#### *(c) The Public.*

Information is given verbally by all health workers visiting homes, or in clinics. Press notices and cinema slides for special propaganda.

It is considered inadvisable to advertise certain services, as the demand is already greater than we are able to meet, *e.g.*, Home Help Service—Convalescent Scheme.

### **3. Joint Use of Staff.**

Practitioners other than full-time employees of the authority are engaged for the following work:—

#### *(a) Four Infant Welfare Clinics weekly.*

Two doctors are employed for this work, one of whom is in general practice.

#### *(b) General Medical Services for the children in residential nurseries and for the old people in Welfare Committee homes. These services are provided by general practitioners, the overall medical supervision of the homes, and routine examinations of the children, being carried out by the School Medical and Maternity and Child Welfare Assistants.*

*Local Authority Officers work part-time for the Regional Hospital Board or Hospital Management Committee as follows:—*

In addition to appointments detailed under para. 2 the Resident Medical Officers of the Maternity Hospital run ante-natal clinics for the Local Authority under the direction of the Consultant Obstetricians.



The post of House Physician in the Children's Department of the General Hospital is recognised as training for the Diploma in Child Health. By agreement with the Hospital Management Committee, the necessary child welfare experience for this Diploma is obtained in the Local Authority clinics.

Student nurses from the City Hospital spend one week attending local authority clinics and visiting on district with Health Visitors, District Nurses and Midwives.

#### **4. The following Voluntary Organisations are used by the Local Authority:—**

The Authority work closely with both national and local voluntary organisations. Adequate representation on the controlling committee is a condition whenever a contribution is made to a local voluntary committee.

The Authority is affiliated to, or works closely, with the following organisations:—

- (1) York Tuberculosis Care Committee (affiliated to the National Association for the Prevention of Tuberculosis).
- (2) York Family Service Unit.
- (3) York Adoption Society.
- (4) York Diocesan Mother and Baby Home and other voluntary homes for the care of the unmarried mother.
- (5) Rehabilitation centres, *e.g.*, Spofforth Hall and Brentwood.
- (6) North Eastern Federation of the Queen's Institute of District Nursing.
- (7) National Society for the Prevention of Cruelty to Children.
- (8) Yorkshire Council of the British Empire Cancer Campaign.
- (9) National Society for Cancer Relief.
- (10) National Baby Welfare Council.
- (11) National Association for Maternity and Child Welfare.
- (12) Central Council for Health Education.
- (13) National Association for Mental Health.
- (14) National Society of Children's Nurseries.

In addition, the Local Authority administer certain Purey Cust district nursing funds which have been released by the Charity Commissioners. These funds are administered by a joint committee and enable the authority to run a Chiropody Clinic and a convalescent scheme for cases who would not be eligible under the Section 28 scheme. Funds are also available for amenities for sick patients in their own homes.

A parents' club is run in connection with the Child Welfare Clinics, and a parent-teachers' association for the Occupation Centre for Mental Defectives.

#### **Particular Services.**

#### **5. Care of Expectant and Nursing Mothers and Children under School Age.**

By agreement with the Hospital Management Committee, ante-natal and post-natal clinics for the Authority are staffed by the Senior Resident Medical Officer of the Maternity Hospital. The clinics are held on Local Authority premises, and the Obstetric Consultants see cases as necessary.

Domiciliary midwives hold clinics for their own patients on Local Authority premises.

Three general practitioners have asked for midwives to attend clinics held for their own patients in their own surgeries. This has been arranged.



Practitioners refer expectant mothers to the clinic for blood tests only, and make considerable use of these facilities.

A course of four talks for expectant mothers is held every three months. Three are given by the non-medical Supervisor of Midwives, and one by a Health Visitor. They are attended by patients entering the Maternity Hospital for their confinement, and by domiciliary cases referred by either general practitioner or midwife. Midwives and Health Visitors also carry out routine education during their visits to expectant mothers.

A special worker has been appointed for the care of the unmarried mother and her child. This worker attends ante-natal clinics with patients as necessary, makes arrangements for the girl's admission to a hostel, or for her confinement, and follows up the cases after discharge.

Maternity outfits are stocked at the ante-natal clinics and issued on booking a domiciliary midwife. They are not supplied to women entering nursing homes for their confinement.

The attendances at Local Authority ante-natal and post-natal clinics is falling markedly. The 1952 attendances were only 41 per cent of the 1950 figure for ante-natal clinics, and 64 per cent for post-natal. Extension of the experiment of running courses of set lectures for expectant mothers will be considered.

### Child Welfare.

Child Welfare sessions are held at the central clinic daily, and at outlying clinics in church halls in four centres. A fifth outlying clinic is run jointly with the North Riding in a social hall on a housing estate. One consultant clinic is held weekly on Local Authority premises by the Consultant Paediatrician. This is run primarily for the follow-up of premature babies born at home or in hospital, but cases presenting special problems are also referred from other child welfare clinics.

The fall in attendances at child welfare clinics is negligible in comparison with the fall in attendances at ante-natal and post-natal clinics.

|      |    |    |    | <i>Child<br/>Welfare</i> | <i>Ante-<br/>Natal</i> | <i>Post<br/>Natal</i> |
|------|----|----|----|--------------------------|------------------------|-----------------------|
| 1949 | .. | .. | .. | 13,680                   | 518                    | 63                    |
| 1950 | .. | .. | .. | 14,503                   | 411                    | 45                    |
| 1951 | .. | .. | .. | 13,464                   | 349                    | 27                    |
| 1952 | .. | .. | .. | 13,708                   | 170                    | 29                    |

The Authority provide a health visitor for one session weekly to work in a child welfare clinic run by a general practitioner for her own patients on her own premises. There is no charge to the practitioner for the services of the health visitor or to the Local Authority for the services of the practitioner. Monthly returns of attendances and new cases are made as for the Authority's clinics.

### Care of Premature Infants.

A midwife specially trained in the care of premature babies (Newcastle) is employed by the Authority. She takes over all cases from the domiciliary midwife when the birth weight is less than 5½ lbs. and cares for premature babies discharged from the special unit at the Maternity Hospital until they weight 6 lbs.



*Equipment.*—This midwife has her own car, is graded as an essential user, and is provided with the following equipment for the care of premature babies:—

- Cots (wicker and sailcloth)
- Bedding
- Hot water bottles
- Premature baby gamgee gowns with hoods
- Belcroy feeders
- Balance weight scales (ordinary midwives carry spring balances).
- Drugs
- Oxygen
- Breast pumps.

It has not been found necessary to have specially heated ambulances for conveying premature babies to hospital (all the Authority's ambulances are heated) but distances in York are short, and the usual practice if the baby must be transferred to hospital, is for the midwife or general practitioner to take it in the special cot in his or her own car.

#### *Liaison with Hospitals.*

There has been no difficulty in securing admission of premature babies to hospital. The special midwife visits the hospital, and is notified by telephone daily of the pending discharge of any premature baby. The paediatrician who runs the premature baby unit and the weekly infant Welfare session, is also available for domiciliary consultations as necessary. The liaison with general practitioners is also good.

#### **Supply of Dried Milks, etc.**

National dried milk, orange juice, cod liver oil and vitamin tablets are issued from the Food Office and a Food Office representative also attends with supplies at most of the outlying clinics.

On the order of a medical officer, Trufood and Cow and Gate Half Cream Milk are sold at the Health Services Centre and outside clinics chiefly for premature babies.

The following foods and vitamins are also sold to selected cases at the Health Services Centre and outside clinics on the order of a doctor or a health visitor:—

Farex, Virol, Virolax, Robrex, Groats, Twinpack, Condensed Milk, Collact, Lactogol, Scotts M.O.F., Rob Soup, Magnesia, Minadex, Marmite, Allergolac and N.R.B. c Vitamin.

#### **Dental Care.**

The Authority employ a private dental practitioner for five sessions weekly for the priority classes. She was formerly in the School Dental Service. During the year the service has been expanded to provide dentures free of cost as necessary to expectant and nursing mothers. Impressions are taken at the Authority's clinic, and the dentures made by a private dental mechanic. The dental service for expectant and nursing mothers and children under five is adequate and has continued without a break since the National Health Service Act became operative.



## Other Provision.

### (a) *Day Nurseries.*

The Authority runs two day nurseries with a total of 79 places.

The nurseries are recognised training centres for the Certificate of the National Nursery Examination Board and the Education Authority organise courses of training in the City in alternate years.

Admissions are limited strictly to the children of mothers who must work, and the majority are children of unmarried mothers. The applications for admission are diminishing and one nursery is not at present filled to capacity.

### (b) *Parents' Club.*

A parents' club meets fortnightly at the central clinic.

(c) The Authority's medical officers are medical officers to residential nurseries under the control of the Children Committee.

### (d) *Convalescent Scheme.*

The convalescent scheme under Section 28 is available for these priority classes on production of a medical certificate.

(e) An orthopaedic consultant attends the School Clinic once monthly and an orthopaedic nurse every week. Cases are referred to this clinic from the Child Welfare centres.

(f) B.C.G. vaccination is used for contacts of cases of tuberculosis as necessary.

## 6. Domiciliary Midwifery.

The Authority employ 10 domiciliary midwives, one being specially trained in the care of the premature baby. The remaining nine work in two groups, four east of the river and four west of the river, one acting as relief. All are trained in the administration of gas and air analgesia and nine are recognised by the Central Midwives Board for the training of pupil midwives for Part II of the Board's Certificate.

The Senior Assistant Medical Officer for Maternity and Child Welfare acts as medical supervisor of midwives, and the Matron of York Maternity Hospital as non-medical supervisor.

One private midwife notified her intention to practice in 1952, but had no cases. Maternity homes are inspected by the Medical Supervisor of Midwives, and the Maternity Hospital by both medical and non-medical supervisors.

All domiciliary midwives are qualified to administer gas and air analgesia, and are supplied with the necessary equipment and transport for same. Gas and air analgesia was administered in 63 per cent of domiciliary confinements in 1952.

Midwives hold ante-natal sessions for their own patients at the Authority's central clinic, and examine patients at home. They are also encouraged to attend at general practitioners' surgeries, when their own patients are being examined. Apart from arrangements whereby certain midwives attend regularly at ante-natal clinics run by doctors for their own patients on their own premises, however, midwives rarely attend doctors' surgeries. The general liaison is good.



Women whose confinement in hospital is recommended on social grounds attend the booking committee with other applicants. They are interviewed by the Health Welfare Officer and the Matron of the Maternity Hospital, domiciliary reports being received from health visitors and midwives.

Two domiciliary midwives attend refresher courses each year at the Authority's expense.

York Maternity Hospital is recognised as a training school for Part II of the Certificate of the Central Midwives Board, 3 months being spent by the pupil in hospital, and 3 months working with the Authority's domiciliary midwives. The pupils live in a central hostel owned by the Local Authority, but administered by the Hospital Management Committee during their 3 months district work.

## 7. Health Visiting.

The Authority had 13 health visitors at the end of the year, two of whom are working full time as Tuberculosis Health Visitors. There are two vacancies in the establishment. The School Nursing Service is a separate department. The health visitors have their headquarters at the central Health Services Centre, the tuberculosis nurses working from the chest clinic, and reporting weekly to the Superintendent Health Visitor.

The following is an analysis of visits paid by health visitors excluding visits to expectant and nursing mothers, infants and children under school age, during 1952:—

|   |       |
|---|-------|
| Asthmatics .. .. .  | 26    |
| Diabetics .. .. .   | 485   |
| Cardiacs (Low sodium diet) .. .. .  | 51    |
| Gastrics .. .. .  | 392   |
| Aged persons .. .. .  | 364   |
| Hospital follow-up, other than above .. .. .  | 200   |
| Re convalescent holidays .. .. .  | 130   |
| Discharges from Infectious Diseases Hospital .. .. .  | 154   |
| Re adoptions .. .. .  | 43    |
| Infectious diseases .. .. .   | 240   |
| Homes administered by City Council, <i>e.g.</i> , Old Peoples' Homes, Children's Homes, Day Nurseries, etc. .. .. . | 124   |
| Foster children .. .. .   | 30    |
| Tuberculosis first visits .. .. .   | 111   |
| Tuberculosis re-visits .. .. .  | 3,319 |
| Miscellaneous .. .. .   | 47    |

The Authority award bursaries for training health visitors, training being undertaken in Leeds or Bradford. The student receives three-quarters of the minimum assistant health visitor's salary during training, and a further £100 is available on loan if needed, to be repaid during the candidate's compulsory 2 years' service with the Corporation after qualification.

The Authority send two health visitors each year on refresher courses, and one representative to the Annual Conference of the National Association for Maternity and Child Welfare.

The Central Council for Health Education have held two 3-day courses in the City since the National Health Service Act became operative.



## 8. Home Nursing.

The Authority were employing 14 district nurses at the end of the year, one of whom acts as senior, and is responsible to the Superintendent Health Visitor. Their headquarters is at the Central Health Services Centre, and seven hold the qualification of the Queen's Institute of District Nursing.

Co-operation with general practitioners is good.

Cases needing home nursing after discharge from hospital are referred to the Senior Nurse by the hospital almoner.

The only classification of cases kept during 1952 was medical and surgical, the following being attended:—

|          |    |    |    |    |       |
|----------|----|----|----|----|-------|
| Medical  | .. | .. | .. | .. | 2,446 |
| Surgical | .. | .. | .. | .. | 816   |

The Authority do not run a home nursing night service, but have a service of "Sitters-Up" or "Night Attendants" administered as a branch of the Home Help Service.

Refresher courses for Home Nurses are not so well developed as courses for midwives and health visitors, but the Authority have sent nurses when notices of such courses have been received. To combat the shortage of recognises refresher courses for district nurses, the Authority organised a successful week-end refresher course in York. The average attendance from York and the surrounding area was 40, and it would appear that there is a need for more refresher courses of this type.

The Authority send suitable applicants for training as Queen's nurses, but there is no Queen's Home in the City.

## 9. Vaccination and Immunisation.

Education of parents regarding vaccination and immunisation of the child population is regarded as one of the main functions of the health visitor, and is undertaken by all workers in the health service as opportunity occurs. Health visitors keep special records of all babies born in their district with date of vaccination and immunisation. The list is reviewed periodically and defaulters followed up.

A special campaign is held in the City for one week of each year.

School entrants are given "boosting" injections of diphtheria prophylactic at their first school medical inspection, or offered primary immunisation if not previously immunised. Parents are advised that a second boosting dose should be given at the age of 10 or 11 years.

Immunisation against whooping cough has been given at clinics when children have been immunised against diphtheria if the parents have specifically asked for this. Now that a reliable antigen is available in this country, however, parents are being encouraged to have their babies immunised against whooping cough. The Authority are negotiating with the Paediatric Consultant regarding the advisability of having babies immunised against whooping cough at an early age, possibly before leaving the Maternity Hospital.

B.C.G. vaccination of susceptible contacts, and of hospital nurses, is encouraged, and is carried out by the chest physician.



## 10. Ambulance Service.

The service is under the control of an Ambulance Officer who is responsible to the Medical Officer of Health. The demands on the service increased steadily until 1951, but there is evidence that the service is now becoming stabilized.

Ambulances can only be ordered on the authority of a medical officer, and if the order involves repeated regular attendances at hospital, it must be renewed every four weeks. Both hospital staffs and general practitioners are reminded at intervals of the danger of abuse. Every reported case of abuse is investigated and we are of the opinion that very little exists.

The chief difficulties encountered arise through lack of a national agreement regarding charges to other authorities and unequal division of financial responsibility. It is felt that an unfair financial liability falls on urban areas which are hospital centres. Administrative difficulties are perhaps more marked in York than in some areas, as the City adjoins three County authorities, each having their individual charges, and York undertaking various work on an agency agreement basis for them.

The Authority own Bedford ambulances of the two-stretcher type, and small utility Bedford vans converted for use as single stretcher ambulances, or as cars for sitting cases. They also own one Vauxhall car. Ambulances are to be fitted with emergency medical boxes similar to those carried by the M.C.C. and found of such use in the Harrow and Wealdstone train disaster. All ambulances carry oxygen in addition to the customary first-aid equipment. All ambulance crews are appointed as Driver/Attendants and hold First-Aid qualifications.

## 11. Prevention, Care and After-Care.

### (a) *Tuberculosis.*

The tuberculosis preventive service is centred on the Chest Clinic, and is under the immediate supervision of the Chest Physician, who is responsible for this part of his work to the Medical Officer of Health.

Two health visitors are allocated for full-time work as tuberculosis visitors and act as chest clinic nurses in addition to their domiciliary visiting. They report weekly to the Superintendent Health Visitor. It is found that there is a better follow-up and attendance of contacts for examination than there was when all health visitors were responsible for the tuberculosis on their own districts.

After-care is undertaken for the Authority by the York Tuberculosis Committee. This is a voluntary committee with adequate local authority representation, and receiving a grant from the Authority. It meets monthly at the Chest Clinic and is attended by the tuberculosis nurses as necessary. This agency arrangement is a satisfactory one, and encourages voluntary effort.

Authority has been given by the City Council to undertake tuberculin testing of school entrants in an attempt to find previously unknown sources of infection.

Cases are notified to the Local Authority before discharge from sanatoria or hospitals in order that the tuberculosis nurse may make the necessary domiciliary arrangements and ensure adequate after-care.



There is no mass radiography unit centred in the City, but a unit visits approximately once a year, and groups to be examined are arranged in consultation with the Medical Officer of Health.

(b) *Illness generally.*

Arrangements for the after-care of school children, and of babies and children under school age who are discharged from hospital, are good. We are notified of all such cases and the appropriate after-care arranged. We are rarely asked, however, for environmental reports on children admitted to hospital.

The notification to the Local Authority and after-care of patients discharged from the Infectious Diseases Hospital and Maternity Hospital is also satisfactory.

There are two general hospitals in the City. The Superintendent Health Visitor visits one and consults with the Almoner weekly. This arrangement works well, and there is a reasonably good selection and variety of cases referred for after-care.

Arrangements are less satisfactory in the second general hospital, where no arrangements obtain for regular consultations between the Almoner and Superintendent Health Visitor.

Liaison with the hospital for the chronic sick is satisfactory. The Medical Officer of Health and Chief Welfare Officer are notified by general practitioners or the hospital authority of applications for admission. All cases are visited by the Welfare Officer, and priority arranged in consultation with the Medical Officer of Health, who also visits as necessary. Health visitors visit weekly pending admission, and report if cases become more urgent.

The Consultants and Resident Medical Officers in charge of the beds for the chronic sick have visited the Local Authority Part III accommodation and liaison is good. We are notified of most cases before discharge.

Action has been taken in three cases under Section 47 of the National Assistance Act.

It is the policy of the Regional Hospital Board to appoint Geriatricians who will also be responsible for home visiting in due course.

|                   |   |   |
|-------------------|---|---|
| Venereal Diseases | } | Health visitors are allocated part-time to attend these special clinics at hospital, and to undertake the necessary domiciliary visiting. |
| Diabetics         |   |   |
| Gastric Cases     |   |   |

## 12. Domestic Help.

The domestic help service is under the direct control of an Organiser who is responsible to the Medical Officer of Health. There is a special tuberculosis branch and the "Sitters-up" service is also under the control of the Organiser of Home Helps. A register is kept of women who are willing to undertake last offices.

Both full-time and part-time domestic helps are employed, but they work on a regular basis and there is no arrangement for a retaining fee for casual workers. Overalls and aprons are provided for all home helps, and out-door uniforms for permanent members of the full-time staff. There are no facilities for training.



### 13. Health Education.

Health Education is recognised as a major function of all Health Department staff engaged in domiciliary visiting. This constant teaching at home and in clinics is of more value than the occasional "special effort".

The Authority contribute to the funds of the Central Council for Health Education and have sites reserved on hoardings for poster displays on current health topics. Posters are also used widely in clinics, hospitals, public library and other public places.

The Central Council for Health Education have twice held three-day courses in the City for Public Health workers, and members of the Health Department staff address various organisations on health topics whenever opportunity occurs. Talks are also given in schools by school nurses, and parent-teacher associations are visited whenever possible.

A series of four lectures is given every three months for expectant mothers.

The Authority have no Health Education Officer at present, this officer having been seconded for full-time Civil Defence duties.

### 14. Mental Health.

#### (i) Administration.

(a) Committee responsible for service (See Section 1).

(b) *Staff.*—The Mental Health Service is under the general direction of the Medical Officer of Health, but a consultant psychiatrist on the staff of the Regional Hospital Board, who is Medical Superintendent of the local mental hospitals, acts as Medical Adviser to the Authority's Mental Health Committee.

There is no psychiatric social worker or qualified mental health worker in the service. The Authority have agreed to employ such staff, but have been unable to obtain suitable applicants.

There are three Duly Authorised Officers, 1 Senior and 2 Assistants, all of whom have attended the six weeks' course run by the National Association for Mental Health.

The staff of the Occupation Centre for mental defectives is as follows:—

1 Supervisor.

3 Assistants.

The Supervisor has completed one year's teachers' training in Newcastle, one assistant is at present attending the one year's course organised by the National Association for Mental Health, and a second is to attend the course commencing next October.

(c) *Co-ordination with Regional Hospital Boards and Hospital Management Committees.* See Section 14 (i) (b).

The Duly Authorised Officers supervise patients on licence from Institutions for Mental Defectives, but there have been no applications for supervision of patients on trial from mental hospitals. Cases have not been notified to the Local Authority on discharge to date, but the hospitals have been without a Medical Superintendent for some considerable time and their administration has only recently been re-organised. The Superintendent recently appointed, who is also Consultant in Mental Health to the Local Authority, hopes to develop an integrated service for hospital and home care.



(d) *Duties delegated to Voluntary Associations.*

The Authority contributed to the York and North Riding Mental After-Care Committee, but have not had cases for after-care referred to them by the hospitals.

(e) *Arrangements for the training of staff.* See Section 14 (i) b.

The Authority send staff to refresher courses or members of the Occupation Centre staff to various courses on special aspects of teaching whenever opportunity occurs.

Staff have also been sent to the East Leeds Occupation Centre for short periods pending attendance at the year's course run by the National Association for Mental Health.

(ii) **Account of work undertaken in the community.** See Section 14 (i) c.

(a) *Under Section 28, National Health Service Act, 1946.*

Close liaison with the National Assistance Board and with the Ministry of National Insurance Officers has been maintained and the appropriate benefits obtained.

It is the practice in this area for general practitioners to send their patients to psychiatric clinics at the hospitals and assistance has been given by the Local Authority in getting patients to the clinics when necessary.

A grant of £30 is made by the Local Authority to the North Riding Mental After-Care Association. No patients have been sent by the Local Authority to mental after-care homes during the period under review.

The after-care of mentally ill patients leaving hospital is undertaken by the Psychiatric Social Worker attached to Naburn and Bootham Park Hospitals. In a few instances relatives of patients have called at the office for advice and assistance.

(b) *Under the Lunacy and Mental Treatment Acts 1890-1930 by Duly Authorised Officers.*

*Voluntary Patients.*—There have been 92 voluntary patients admitted to York hospitals during 1952. This is an increase of 23 over the preceding year. The number of voluntary patients who left hospital was 62.

*Temporary Patients.*—Fourteen temporary patients were admitted to hospital during 1952, compared with 3 during 1951.

*Certified Patients.*—Fifty-six patients were admitted to hospital during 1952, compared with 57 in 1951.

*Three Day Orders—Section 20.*—136 patients were admitted to Section 20 beds at The Grange on Three Day Orders, the same number as in 1951. Of these, 38 were over 70, as compared with 47 last year.

*Deaths.*—There were 26 deaths during 1952, compared with 30 in 1951.



(c) *Mental Deficiency Acts, 1913-1938.*

(i) *Ascertainment, including number of defectives awaiting vacancies in institutions at the end of 1952.*

During 1952 there were 28 cases ascertained and found subject to be dealt with under the Mental Deficiency Acts as compared with 33 cases last year. These were made up as follows:—

Reported by Local Education Authority:—

|  |           |
|--|-----------|
| Under Section 57 (3) of the Education Act, 1944 .. | 9         |
| Under Section 57 (4) of the Education Act, 1944 .. | 2         |
| Under Section 57 (5) of the Education Act, 1944 .. | 11        |
| Other Sources .. .. .                              | 6         |
| <b>Total .. .. .</b>                               | <b>28</b> |

Their disposal was as follows:—

|                               |           |
|-------------------------------|-----------|
| Institutions .. .. .          | 5         |
| Statutory Supervision .. .. . | 17        |
| Voluntary Supervision .. .. . | 1         |
| Place of Safety .. .. .       | 2         |
| Action Pending .. .. .        | 3         |
| <b>Total .. .. .</b>          | <b>28</b> |

The total number at 31st December, 1952, was as follows:—

|                               |       |
|-------------------------------|-------|
| In Institutions .. .. .       | 167   |
| Statutory Supervision .. .. . | 132   |
| Voluntary Supervision .. .. . | 10    |
| Place of Safety .. .. .       | 3     |
| Action Pending .. .. .        | 3     |
| Guardianship .. .. .          | 3     |
|                               | <hr/> |
|                               | 318   |

The majority of mental defectives are ascertained by approved doctors through the school health service. During 1952 this method accounted for 22 cases. From other sources 6 cases were ascertained, one from a general practitioner, 2 through the maternity and child welfare service and the rest transfers from other authorities.

The supervision of mental defectives is undertaken by the three mental health workers who are Duly Authorised Officers. Several cases have been visited at home by the Medical Adviser to the Mental Health Sub-Committee. Certificates of exception from the National Health Insurance have been obtained where necessary, and also N.S. 312 Form for exemption from Military Service. Assistance has been given to all defectives in obtaining suitable employment.

(ii) *Guardianship and Supervision.*

The number of Guardianship cases is three. Certificates of exemption from payment of National Insurance have been obtained in all appropriate cases.

(iii) *Occupation Centre—Training.*

The Local Authority provides an occupation centre for 43 York cases. There is no industry centre for male adults, but premises have been obtained for this purpose, and it is hoped to open the centre during 1953. One mental defective is receiving home training.



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