

[Report 1952] / Medical Officer of Health, Newmarket U.D.C.

Contributors

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Medical Officer of Health for the Urban District of
Newmarket in the County of West Suffolk for the year
ending 31st December, 1952.

Public Health Officer,
2, Milling Street,
Bury St. Edmunds.

1953.

NEWMARKET URBAN DISTRICT COUNCIL.

Mr. Chairman, Ladies & Gentlemen,

I have the honour to acknowledge the receipt of your letter of the 11th inst. in relation to the consideration of the report of the Medical Officer of Health for the year ending 31st December, 1952.

WEST SUFFOLK

R E P O R T

I acknowledge with great interest the enthusiasm and interest of the members of the Council in the report of the Medical Officer of Health for the year ending 31st December, 1952. It is a pleasure to state that this report has been prepared in accordance with the wishes of the Council and the recommendation of all members of the Council. It is a privilege to have the opportunity to offer them my very sincere thanks for the interest and help which they have given me throughout the year.

of the

I am, Mr. Chairman, Ladies & Gentlemen,
Yours very truly,

MEDICAL OFFICER OF HEALTH

for the year

1952.

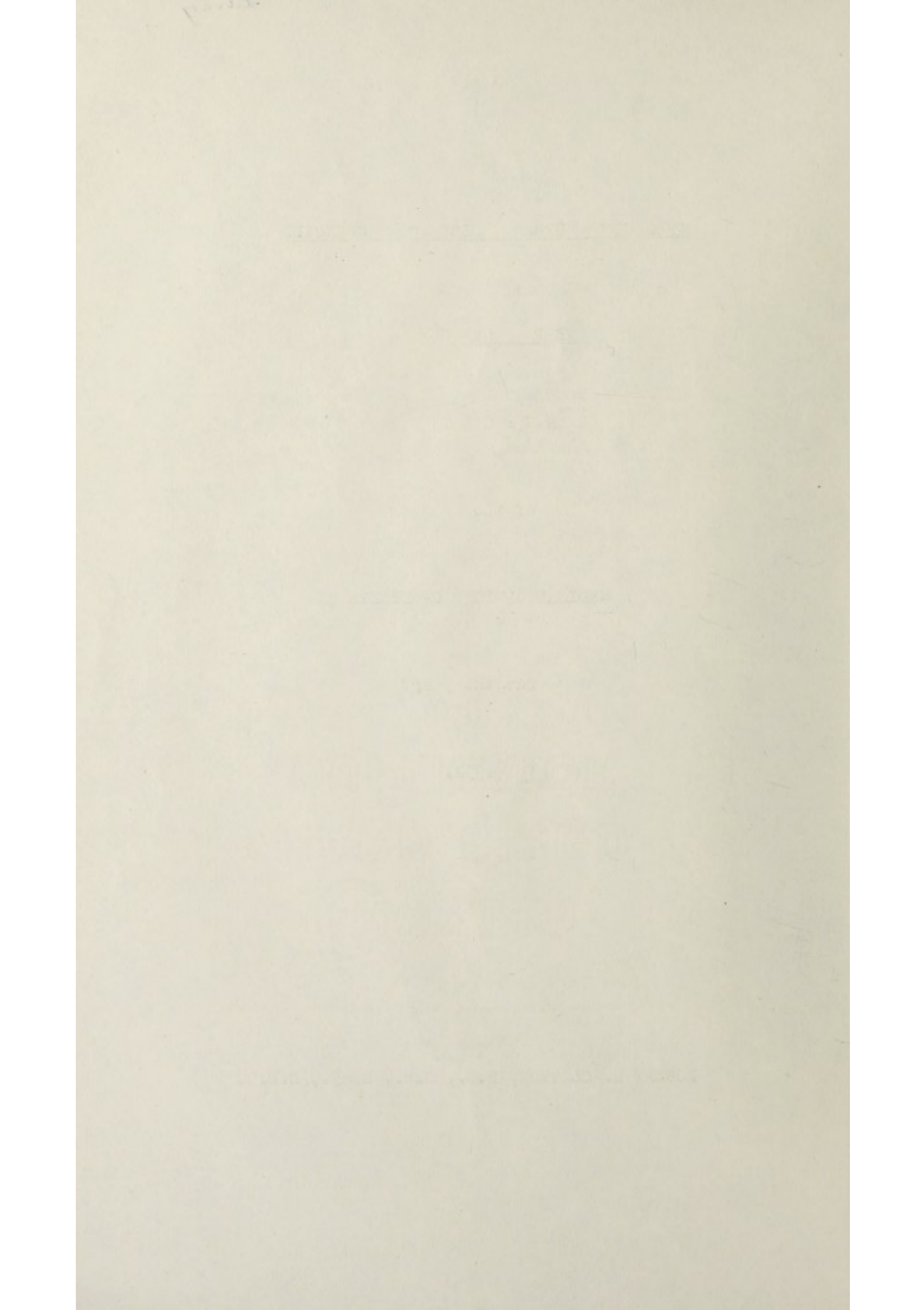
The Officer has not only kept the practice but has also kept the following appointments:

Medical Officer of Health, appointed 1st July, 1952.
Public Health Officer, appointed 1st July, 1952.
Sanitary Inspector, appointed 1st July, 1952.
Sanitary Inspector, appointed 1st July, 1952.

(1) 2nd July - The Sanitary Inspector, B. Clayton, M.B., B.S., B.Hy., D.P.H., appointed 1st July, 1952.
Sanitary Inspector, appointed 1st July, 1952.
Sanitary Inspector, appointed 1st July, 1952.
Sanitary Inspector, appointed 1st July, 1952.

ROBERT H. CLAYTON, M.B., B.S., B.Hy., D.P.H.

Mr. Chairman, Ladies & Gentlemen,
I have the honour to acknowledge the receipt of your letter of the 11th inst. in relation to the consideration of the report of the Medical Officer of Health for the year ending 31st December, 1952. It is a pleasure to state that this report has been prepared in accordance with the wishes of the Council and the recommendation of all members of the Council. It is a privilege to have the opportunity to offer them my very sincere thanks for the interest and help which they have given me throughout the year.



ANNUAL REPORT

of the

Medical Officer of Health for the Urban District of
Newmarket in the County of West Suffolk for the year
ending 31st December, 1952.

Public Health Offices,
8, Whiting Street,
Bury St. Edmunds.

To:-

June 1953.

The Chairman & Members of the Urban
District Council of Newmarket.

Mr. Chairman, Ladies & Gentlemen,

Herewith I beg to submit for your favourable consideration my
seventeenth Annual Report as Medical Officer of Health, being that
for the year ended 31st December, 1952.

I acknowledge, with gratitude, the enthusiasm and interest of
the Chairman of the Public Health Committee, Dr. Davis, (who,
unfortunately, was obliged for health reasons to make this his last
year on the Council) and the consideration of all members of the
Public Health Committee prompts me to offer them my very sincere thanks.
My thanks are also due to my colleagues for their help throughout the
year and in the compilation of this report.

I am, Mr. Chairman, Ladies & Gentlemen,
Your obedient servant,

ROBERT H. CLAYTON.

Medical Officer of Health.

Public Health Officers of the Authority.

- (a) Medical - One part-time Medical Officer of Health.
Robert H. Clayton, M.B., B.S., B.Hy., D.P.H. (Durham),
Cert. Mental Deficiency and Allied Subjects (London),
appointed in 1936.

This Officer does not engage in private practice but holds in
addition the following appointments:-

| | | |
|--|---|---------------------------|
| Medical Officer of Health, Mildenhall R.D.C. | } | Appointed 1st July, 1936. |
| Thingoe R.D.C. | | |
| Cosford R.D.C. | " | 1st Feb. 1937. |
| Thedwastre R.D.C. | " | 1st July, 1938. |

- (b) Others - One Sanitary Inspector.
G. Penistone, M.S.I.A., Cert. S.I.B.,
Cert. Inspector of Meat and Other Foods,
Cert. Smoke Inspector, Royal Sanitary Institute,
appointed August 1946.

Public Health Committee.

| | |
|------------|---|
| Councillor | Dr. J. Davis, Chairman. |
| " | Mrs. A. F. Fuller. |
| " | Mr. W. B. Hatley. |
| " | Mr. R. J. Hill. |
| " | Mr. H. G. Keegan. |
| " | Mrs. P. J. C. Loader. |
| " | Dr. C. H. Savory. |
| " | Mr. M. Griffiths, Chairman of the Council, Ex-Officio. |

Mr. J. Crabb, Clerk of the Council.
Mr. F. B. Waterfall, Engineer & Surveyor to the Council.
Mr. P. D. Lees, Architect to the Council.

SECTION A.
STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

1. GENERAL STATISTICS. Area 5,640 acres.

| | | | | |
|---|-------------------|-------------------|--------------------|-----------------|
| Registrar General's estimate of the resident population | (1949) (9,740) | (1950) (9,700) | (1951) (10,060) | 1952. 10,380 |
| Number of inhabited houses at end of year according to Rate Book .. | (3,070) | (3,028) | (3,100) | 3,158 |
| Rateable Value | (£75,420) | (£77,406) | (£78,147) | £79,800 |
| Sum represented by a Penny Rate | (£281) | (£294) | (£300) | £308 |

2. EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

| | <u>Total.</u> | | | | <u>Male.</u> | | | | <u>Female.</u> | | | |
|-------------------------------|---------------|--------|--------|------|--------------|--------|--------|------|----------------|--------|--------|------|
| | (1949) | (1950) | (1951) | 1952 | (1949) | (1950) | (1951) | 1952 | (1949) | (1950) | (1951) | 1952 |
| <u>Live Births.</u> | | | | | | | | | | | | |
| Legitimate | (128) | (116) | (123) | 135 | (70) | (55) | (57) | 74 | (58) | (61) | (66) | 61 |
| Illegitimate | (9) | (8) | (14) | 8 | (6) | (5) | (6) | 6 | (3) | (3) | (8) | 2 |
| <u>Stillbirths.</u> | | | | | | | | | | | | |
| Legitimate | (2) | (2) | (3) | 2 | (1) | (1) | (2) | 1 | (1) | (1) | (1) | 1 |
| Illegitimate | (Nil) | (Nil) | (Nil) | Nil | (Nil) | (Nil) | (Nil) | Nil | (Nil) | (Nil) | (Nil) | Nil |
| <u>Deaths.</u> | (137) | (105) | (131) | 130 | (76) | (47) | (72) | 77 | (62) | (58) | (59) | 53 |
| <u>Deaths under One Year.</u> | (9) | (3) | (2) | 8 | (6) | (1) | (Nil) | 4 | (3) | (2) | (2) | 4 |

| | <u>Newmarket.</u> | | | | <u>England & Wales.</u> | | | |
|---|-------------------|--------|--------|------|-----------------------------|--------|--------|------|
| | (1949) | (1950) | (1951) | 1952 | (1949) | (1950) | (1951) | 1952 |
| Birth Rate. (Live Births per 1000 population) | (14.1) | (12.8) | (13.6) | 13.8 | (16.7) | (15.8) | (15.5) | 15.3 |

Comparability Factor Newmarket (1.05)(1.05) 1.05

The Corrected Birth Rate (13.4)(14.3) 14.5

Stillbirth Rate per 1000 population (0.31)(0.21)(0.30) 0.19 (0.39)(0.37)(0.36) 0.35

Stillbirth Rate per 1000 (Live & Still) births. (21.4)(15.9)(21.4) 13.8 (-) (-) (-) 22.6

Death Rate per 1000 population. (14.1)(10.8)(13.0) 12.5 (11.7)(11.6)(12.5) 11.3

Comparability Factor (0.86)(0.86) 0.86

Death Rate of Infants under 1 year.

All Infants per 1000 live births. (65.7)(24.2)(14.6) 55.9 (32) (29.8)(29.6) 27.6

Legitimate Infants per 1000 legitimate births. (62.5)(25.8)(16.3) 44.4 (-) (-) (-)

Illegitimate Infants per 1000 illegitimate births. (111.1)(Nil) (Nil) 250.0 (-) (-) (-)

8 deaths of infants under 1 year occurred (3 male, 3 female legitimate, 1 male, 1 female illegitimate), these were all under 4 weeks.

| <u>Males.</u> | <u>Females.</u> |
|-------------------------------------|--|
| 2 hours, Prematurity. | 35 minutes, (1) Prematurity. |
| 10 " " | (2) Congenital malformation. |
| 1 week, Pulmonary Atelectasis. | 2 hours. Bilateral suprarenal haemorrhage. |
| 14 days (1) Pneumonia. | 2 days, 1(a) Cerebral Haemorrhage |
| (2) Patent interventricular septum. | (b) Haemorrhagic disease of newborn. |
| | 2 weeks, Congenital Heart disease. |

Other than deaths by motor accidents or suicide, there were only the 3 following deaths before age 50 years:-

Nephritis, Male, age 43 years.
Coronary Thrombosis, Male, age 48 years.
Cancer of Bronchus, Male, age 49 years.

The following table gives the causes and the number of deaths occurring at the various age groups. The totals correspond with the Registrar General's figures.

As in last year's report the deaths have been classified to conform with implementation of the World Health Organisation Nomenclature Regulations, 1948.

| CAUSES OF DEATHS. | | Deaths at the sub-joined ages of "RESIDENTS" whether occurring in or beyond the District. | | | | | | | | | |
|--|----------|---|---------------|----------------|-----------------|-----------------|-----------------|-----------------|------------|------------------------------------|--|
| M. = Male. F. = Female. | | Under 1 year. | 1 to 4 years. | 5 to 14 years. | 15 to 24 years. | 25 to 44 years. | 45 to 64 years. | 65 to 74 years. | 75 & over. | TOTAL Registrar General's figures. | |
| | | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | |
| 1. Tuberculosis, respiratory. | | - - | - - | - - | - - | - - | 1 1 | - - | - - | 1 1 | |
| 10. Malignant neoplasm, Stomach. | | - - | - - | - - | - - | - - | 1 2 | - - | 1 - | 2 2 | |
| 11. Malignant neoplasm, lung, bronchus. | | - - | - - | - - | - - | - - | 2 - | - - | - - | 2 - | |
| 12. Malignant neoplasm, Breast. | | - - | - - | - - | - - | - - | - 2 | - - | - - | - 2 | |
| 14. Other malignant & lymphatic neoplasms. | | - - | - - | - - | - - | - - | 2 1 | 2 2 | 4 2 | 8 5 | |
| 17. Vascular lesions of nervous system. | | - - | - - | - - | - - | - - | 1 1 | 5 3 | 5 6 | 11 10 | |
| 18. Coronary disease, angina. | | - - | - - | - - | - - | - - | 8 1 | 6 2 | 6 2 | 20 5 | |
| 19. Hypertension with heart disease. | | - - | - - | - - | - - | - - | - 1 | - - | - 1 | - 2 | |
| 20. Other heart disease. | | - - | - - | - - | - - | - - | - - | 4 4 | 1 7 | 5 11 | |
| 21. Other circulatory disease. | | - - | - - | - - | - - | - - | 1 1 | 1 - | 2 2 | 4 3 | |
| 22. Influenza. | | - - | - - | - - | - - | - - | - - | 1 - | - - | 1 - | |
| 23. Pneumonia. | | 1 - | - - | - - | - - | - - | - - | 1 1 | - 3 | 2 4 | |
| 24. Bronchitis. | | - - | - - | - - | - - | - - | 1 - | 1 - | - - | 2 - | |
| 25. Other diseases of respiratory system. | | - - | - - | - - | - - | - - | - - | 2 - | - - | 2 - | |
| 26. Ulcer of Stomach & duodenum. | | - - | - - | - - | - - | - - | - - | 1 - | 1 - | 2 - | |
| 27. Gastritis, enteritis and diarrhoea. | | - - | - - | - - | - - | - - | - 1 | - - | 1 - | 1 1 | |
| 28. Nephritis. | | - - | - - | - - | - - | 1 - | - - | 2 - | - - | 3 - | |
| 29. Hyperplasia of prostate. | | - - | - - | - - | - - | - - | - - | 1 - | 2 - | 3 - | |
| 32. Other defined & ill-defined diseases. | | 3 4 | - - | - - | - - | - - | - 1 | - - | 1 - | 4 5 | |
| 33. Motor vehicle accidents. | | - - | - - | - - | 1 - | - - | 2 - | - - | - - | 3 - | |
| 34. All other accidents. | | - - | - - | - - | - - | - - | - - | - 1 | 1 - | 1 1 | |
| 35. Suicide. | | - - | - - | - - | - - | - 1 | - - | - - | - - | - 1 | |
| Total: | Males. | 4 - | - - | - - | 1 - | 1 - | 19 - | 27 - | 25 - | 77 - | |
| | Females. | - 4 | - - | - - | - - | - 1 | - 12 | - 13 | - 23 | - 53 | |

| Year. | Rateable Value. | Penny Rate Product. | No. of inhabited houses. | Registrar General's Estimate Population. | Total Deaths. | Deaths under one year. | | Births. | | Stillbirths. | |
|-------------------------------|-----------------|---------------------|--------------------------|--|---------------|------------------------|----------------|--------------|----------------|--------------|----------------|
| | | | | | | Legit-imate. | Illegit-imate. | Legit-imate. | Illegit-imate. | Legit-imate. | Illegit-imate. |
| 1936. | £71,889 | £269 | 2,790 | 9,400 | 106 | 4 | - | 101 | 5 | 3 | N11 |
| 1937. | £72,018 | £268 | 2,795 | 9,330 | 107 | 3 | - | 98 | 8 | 2 | N11 |
| 1938. | £72,531 | £268 | 2,809 | 9,207 | 133 | 5 | 1 | 102 | 8 | 2 | N11 |
| 1939. | £72,426 | £269 | 2,812 | 9,202 | 101 | 4 | 1 | 86 | 5 | 4 | N11 |
| 1940. | £72,000 | £268 | 2,805 | 9,420 | 109 | 4 | 1 | 104 | 6 | 5 | N11 |
| 1941. | £71,125 | £267 | 2,802 | 9,447 | 127 | 5 | 1 | 148 | 2 | 3 | N11 |
| 1942. | £71,539 | £280 | 2,794 | 8,860 | 132 | 6 | - | 124 | 6 | 3 | N11 |
| 1943. | £71,683 | £280 | 2,792 | 8,618 | 155 | 4 | - | 113 | 10 | 5 | N11 |
| 1944. | £71,711 | £280 | 2,790 | 8,546 | 133 | 7 | 1 | 140 | 11 | 5 | N11 |
| 1945. | £72,396 | £282 | 2,795 | 8,492 | 104 | 3 | - | 113 | 18 | 3 | N11 |
| 1936 to 1945. | - | - | - | - | 1,207 | 45 | 5 | 1,129 | 79 | 35 | N11 |
| ANNUAL AVERAGE DURING DECADE. | £71,832 | £273 | 2,856 | 9,052 | 121 | 4.5 | 0.5 | 113 | 8 | 3.5 | N11 |
| 1946. | £72,591 | £282 | 2,856 | 8,743 | 127 | 7 | N11 | 140 | 15 | 4 | 1 |
| 1947. | £73,193 | £266 | 2,890 | 9,019 | 108 | 5 | 1 | 153 | 8 | 3 | N11 |
| 1948. | £74,721 | £278 | 3,038 | 9,680 | 122 | 1 | 1 | 135 | 12 | N11 | N11 |
| 1949. | £75,420 | £281 | 3,070 | 9,740 | 137 | 8 | 1 | 128 | 9 | 2 | 1 |
| 1950. | £77,406 | £294 | 3,098 | 9,700 | 105 | 3 | N11 | 116 | 8 | 2 | N11 |
| 1951. | £78,147 | £300 | 3,100 | 10,060 | 131 | 2 | N11 | 123 | 14 | 3 | N11 |
| 1952. | £79,800 | £308 | 3,153 | 10,380 | 130 | 6 | 2 | 135 | 8 | 2 | N11 |

From the foregoing and subsequent pages the following, inter alia, will be noted:-

| | |
|-------------|--|
| During 1952 | The population increased by 320 persons. |
| " | " The INHABITED houses increased by 58 |
| " | " The Rateable Value " " £1,653. |
| " | " The Birth Rate " " 0.2 per 1000 population |
| " | " The Death Rate decreased by 0.5 per 1000 population. |

The excellent clinical facilities available at Newmarket General Hospital.

Only 9% of Births in the District occurred at the resident's own home.

The excellence both bacteriologically and chemically of the water supplied, without cuts, by the Newmarket Waterworks Co. Ltd.

The progress towards modernising the sewage works.

The Refuse collected increased by about 3%.

The value of paper salvaged fell by £298 or 17% although the amount salvaged increased by 8½ tons or 7%.

Tickets sold at the swimming bath increased by 2,953 or 16%.

The service provided for insect pests and the assistance therein by the Department of Entomology of the British Museum.

The number of rats bodies found after treatments by the Rodent Operators was less by 233 or 12% - the Rodent Operators were allowed to treat an increased number of Racing Stables (30, whereas 26 in 1951).

The approval of the Ministry of Education to improvement of the conveniences of All Saints Schools was obtained, but only by the typical energy and perseverance of Dr. J. Davis.

There were only 2 cases of legal overcrowding in the District.

48 new Council houses (20 Traditional and 28 Unity) were completed during 1952 - 11 private enterprise houses were completed.

There are still 498 housing applicants on the Council House Waiting List.

131 housing applicants have never had a home of their own.

A further 367 need or desire a change.

All samples of milk gave a satisfactory result.

The excellent efforts of the slaughterhouse staff to ensure clean meat supplies.

Animals slaughtered at the Newmarket Slaughterhouse were:-

| <u>In 1952.</u> | <u>In 1951.</u> |
|-------------------------------|-----------------|
| 2,064 cattled(including cows) | 2,073 |
| 783 calves | 551 |
| 3,796 sheep & lambs | 1,952 |
| 614 pigs | 756 |

| | |
|--|--------------------------|
| Total weight of meat and offal condemned, 11 tons, | 13 tons, 19 cwts, 29 qrs |
| 15 cwts. 2 qrs. 20 lbs. | 4 lbs. |

Total weight of other foodstuffs condemned 15 cwts, 2 qrs, 27 lbs.

Total number of Infectious Diseases fell to 51 in 1952 from 159 in 1951. - the main decreases were in Measles, Pneumonia and Dysentery.

SECTION B.
GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(a) LABORATORY FACILITIES. The Emergency Public Health Laboratory, Tennis Court Road, Cambridge, under the directorship of Dr. R. M. Fry, provides an excellent bacteriological service and most readily discusses and advises on any epidemiological or similar problem.

Dr. S. Greenburgh, Public Analyst, Tenison Road, Cambridge, gives a similar, efficient, helpful service when chemical analyses are required.

(b) AMBULANCE FACILITIES. The West Suffolk County Council, through the agency of the Suffolk Branch of the British Red Cross Society, provide the Ambulance Service for the District.

(c) NURSING IN THE HOME. The West Suffolk County Council District Nurse-Midwives carry out these duties.

(d) CLINICS AND TREATMENT CENTRES. Air Vice-Marshall T. K. Kelly, Medical Superintendent, has kindly supplied the following list of Out-Patient Clinics held at Newmarket General Hospital:-

| CLINIC. | DAY. | TIME. | CONSULTANT. |
|---|--------------------|--------------------------------------|-----------------------------|
| MEDICAL. | Tuesday. | 2 p.m.-4 p.m. | Dr. Arden Jones. |
| | " " | " " " " | Medical Registrar. |
| | Wednesday. | " " " " | Dr. Arden Jones. |
| | " " 1st, 3rd, 5th. | " " " " | Medical Registrar. |
| SURGICAL. | Tuesday. | 11 a.m.-12 noon. | Dr. Laurence Martin. |
| | Friday. | 2 p.m.-4 p.m. | Mr. Rowlands. |
| ORTHOPAEDIC. | Tuesday. | 10.30 a.m.-12 noon. | Mr. Jamieson. |
| | Friday. | 2 p.m.-4 p.m. | " " |
| | 3rd Saturday. | 10 a.m.-12 noon. | " " |
| GYNAECOLOGY. | Alt. Monday. | 2 p.m.-4 p.m. | Mr. Lloyd. |
| | Friday. | 10 a.m.-12 noon. | Mr. Hesketh. |
| ANTE-NATAL. | Tuesday. | 10 a.m.-12 noon. | Gynae. Registrar. |
| | Tuesday. | 2 p.m.-4 p.m. | Mr. Hesketh. |
| | Thursday. | (new cases only) 10 a.m.-12 noon. | Gynae. Registrar. |
| E.N.T. | Monday. | 10 a.m.-12 noon. | Mr. Williamson. |
| | Wednesday. | " " " " | " " |
| OPHTHALMIC. | Tuesday. | 2 p.m.-4 p.m. | Miss Perrers Taylor |
| | " (SCHOOL) | | Miss K. Long. |
| CHEST (T.B.) Consultations & Refills. | 2nd Monday. | 2 p.m.-4 p.m. | Miss K. Long. |
| | Thursday. | 2 p.m.-4 p.m. | Dr. Hay. |
| SKIN. | 2nd & 4th Thurs. | 10 a.m.-12 noon. | Dr. Whittle. |
| | 4th Friday. | 10 a.m.-12 noon. | Dr. Griffith. |
| PAEDIATRICS. | 2nd & 4th Sat. | 10 a.m.-12 noon. | Dr. Gairdner. |
| PHYSICAL MEDICINE. | 1st & 3rd Tuesday. | 9.30 a.m.-12 noon. | Dr. Fell. |
| | Wednesday. | 9.30 a.m.-12 noon. | " " |
| | 3rd & 4th Thurs. | 2.15 p.m.-4 p.m. | Dr. Fell with Mr. Jamieson. |

Mr. Ockenden (Instrument Maker) attends on 2nd Monday for Surgical appliances,
" " " " " 4th " " Orthopaedic "

(e) HOSPITALS. There were 143 births to Newmarket residents during 1952. These occurred:-

99 (or 69%) at Newmarket General Hospital.
26 (or 18%) at Cardigan Street Nursing Home.
6 (or 4%) outside the District.
12 (or 9%) at their own homes.

Of the 130 deaths, 19 took place outside the District, 49 deaths took place at the following hospitals:-

| | |
|----------------------------------|---|
| 28 General Hospital, Newmarket. | 3 St. Mary's Hospital, Bury St. Edmunds. |
| 5 Rous Hospital, Newmarket. | 1 Tower House, Ely. |
| 1 Scio House, Wandsworth. | 1 St. James Hosp., Saffron Walden. |
| 1 Maternity Hospital, Cambridge. | 1 St. Bartholomews Hosp., Hill End, St. Albans. |
| 1 St. Audry's Hospital, Melton. | |
| 1 St. George's Hosp., Royston. | 5 Red House, Linton. |
| | 1 Walnuttree Hosp., Sudbury. |

SECTION C.
SANITARY CIRCUMSTANCES OF THE AREA.

1. (i) WATER. The Newmarket Waterworks Company Limited supplies the Urban District, in which only 13 dwelling houses (all in the remote parts of the District) are without the main water supply. Two wells in the chalk at Southfields Pumping Station, connected by an adit, are the source of supply. The water is chlorinated and pumped to a storage reservoir at Warren Hill, which has a capacity of 260,000 gallons.

The supply was maintained without any cuts throughout the year.

During the year 15 samples were taken direct from the well at Southfields for bacteriological examination. Of these, one sample was reported as being unsatisfactory for distribution without treatment. All the water is chlorinated before distribution, and all 15 samples of water taken from the mains were satisfactory with counts of Nil B. Coli per 100 mls.

One sample of water was taken from the well at Southfields Pumping Station and submitted to Dr. S. Greenburgh, Public Analyst, for chemical examination. The following is a copy of his certificate:-

Public Analyst's Laboratory,
Tenison Road,
Cambridge.

CERTIFICATE OF ANALYSIS.

Sample of Water labelled Well at Southfields Pumping Station, Newmarket, (Newmarket Waterworks Company) (not filtered or chlorinated), received at 3.0 p.m. on the 21st October, 1952, from Mr. G. Penistone, Newmarket Urban District Council, Severals House, Newmarket.

"

Time of sampling 10.15 a.m., 21.10.52.
Temperature of sample 50°F

Physical Examination. Very slight deposit, bright, odourless and tasteless.

General Chemical Examination.

Reaction ... pH 7.3

| | <u>parts per 100,000</u> |
|--|--------------------------|
| Free Carbon Dioxide as CO ₂ | 1.90 |
| Ammonical Nitrogen as N | Nil |
| Albuminoid Nitrogen as N | 0.0014 |
| Nitrous Nitrogen | Nil |
| Nitric Nitrogen as N | 0.60 |

Hardness as CaCO₃ (Clark)

| | |
|---|--------|
| Temporary | 18.24 |
| Permanent | 6.76 |
| Permanganate figure (3 hours at 37°C) | 0.0393 |
| Alkalinity as CaCO ₃ | 25.0 |
| Total Solids | 45.8 |
| Poisonous Metals | absent |

Mineral Analysis.

| | |
|------------------------------------|-------|
| Calcium as Ca | 12.20 |
| Magnesium as Mg | 0.25 |
| Carbonate as CO ₃ | 14.65 |
| Chloride as Cl | 2.25 |
| Sulphate as SO ₄ | 1.82 |
| Nitrate as NO ₃ | 2.70 |
| Iron | Nil |

Microscopical Examination of Deposit. Mainly mineral matter.

Bacteriological Examination.

Coliform organisms absent in 100 mls.

Number of microorganisms per ml developing on Agar at 37°C = Nil

Number of microorganisms per ml developing on Agar at 21°C = 4

Plumbo Solvency. No action on lead in 3 days at 18° - 21°C

REMARKS.

The results obtained on the analysis of this sample do not show any evidences of pollution with harmful organic or inorganic matter. I am of opinion that this water is fit for drinking purposes.

(Signed) S. GREENBURGH.

Public Analyst.

30th October, 1952.

"

One sample of water was taken from a copper service pipe in a Council house, and was submitted to the Public Analyst to ascertain if any variation in the amount of copper present in the water had occurred. The sample showed copper present to the extent of 0.15 parts per 100,000 as against 0.4 parts per 100,000 in a sample taken late in the previous year from the same house. No further complaints of a "coppery" taste in the water have been received.

Method of Mains water Supply to Houses.

(a) Direct to Houses.

| | | | |
|---|-----|-----|---------------|
| Number of dwelling houses | ... | ... | 2,917 (92.4%) |
| Estimated number of population supplied | | | 9,800 (94.4%) |

(b) By means of Standpipes.

| | | | |
|---|-----|-----|------------|
| Number of dwelling houses | ... | ... | 226 (7.2%) |
| Estimated number of population supplied | | | 540 (5.2%) |
| Number of standpipes | ... | ... | 91 |

1. (ii) DRAINAGE AND SEWERAGE. The whole of the sewerage of the Urban District (with the exception of a few properties which are drained to cesspools in the outlying parts of the district), is treated at the Council's two Sewage Disposal Works. The Main Works, serving an estimated population of 8,800 persons, is at Newmarket, giving a D.W.F. of 445,000 gallons per day, and the smaller Sewage Works, serving an estimated population of 2,550, is at Exning, giving a D.W.F. of 57,000 gallons per day.

Both these Works were constructed in 1900 as Contact Bed systems.

The scheme prepared by Mr. Waterfall, the Engineer and Surveyor (for dispensing with the existing Steam Pumping Plant and providing electrically operated pumps and Screening Plant and for a new length of 24" sewer with a self cleansing velocity to supercede the unsatisfactory brick culvert which has been referred to in previous reports) has now been approved in principle by the Ministry and the Council are proceeding with the Scheme up to the stage at which tenders can be invited. The total cost of this Scheme is estimated to be £16,885.

During the year a further 300 yards of 12" to 6" Foul and Stormwater Sewers with manholes have been constructed by direct labour on the Houldsworth Valley Housing Estate.

During the year the Council have continued their service for free cleansing with their 500 gallon Scammell Gully and Cesspool Emptier once every quarter to properties not on the sewerage system within the district.

As a provision against the fouling of the Sewage Works and Filters the Eastern Gas Board delivered by tanker and deposited on the Sewage Works Site 490 loads of gas liquor during 1952.

2. RIVERS AND STREAMS.

The final effluent from the Sewage Works is given land treatment before being discharged into the stream which joins the River Snail at Snailwell.

3. (i) CLOSET ACCOMMODATION.

In the District only the two farms and thirteen houses, without a piped water supply, are without water closets.

(ii) PUBLIC CLEANSING.

The cleansing of highways and road gullies, collection of house refuse, shop refuse, trade refuse and salvage, is carried out by direct labour under the supervision of Mr. F. B. Waterfall, the Engineer & Surveyor.

Domestic Refuse is collected by a Scammell Scarab with Essloo Self-loading 18 cub.yds. Refuse Collector and partly by a Scammell 12 cub.yds. Moving Floor Refuse Collector.

A total of 993 loads of refuse were collected during the year ending 31st December, 1952, and disposed of at the Sewage Disposal Works Site by controlled tipping. The tip is regularly treated with suitable Tip Dressing as a precaution against breeding of flies and crickets, etc., and the tip is treated regularly for the destruction of rats.

188 lorry loads of Shop Refuse were collected by the Council's staff. 884 loads of various capacity of Trade Refuse were brought to the Works by private traders during the year ending 31st December, 1952.

During the year 136 tons of Waste Paper were salvaged, baled and sold to the Paper Mills, for which the sum of £1,487. 0. 0. was received.

(iii) SANITARY INSPECTION OF THE AREA.

The following tabular statement has been supplied to me by the Sanitary Inspector, Mr. G. Penistone, as necessarily also, has much of the detailed information contained in this report concerning other activities. Mr. Penistone has, as in previous years, given me the utmost help and co-operation.

Dwelling Houses.

| | |
|---|-----|
| Number of dwelling houses inspected under Public Health or Housing Acts | 145 |
| Total number of inspections & re-inspections thereunder | 421 |
| Number of houses inspected after Infectious Diseases | 9 |
| Infectious disease visits and re-visits | 13 |
| Number of visits re disinfection | 22 |
| Houses visited re Overcrowding | 3 |
| Number of verminous premises inspected | 13 |
| Number of visits and re-visits re verminous premises .. | 56 |
| Miscellaneous housing visits | 109 |

Various Inspections.

| | |
|---|-----|
| Visits re Water Supply | 142 |
| Bacteriological samples of water from well at Southfields Pumping Station | 15 |
| Bacteriological samples of water from Mains | 15 |
| Water sample from well at Southfields Pumping Station for chemical analysis | 1 |
| Water samples from Swimming Pool | 3 |
| Inspections at Swimming Pool | 10 |
| Inspections re choked and/or defective drains, drain testing | 186 |
| Inspection of Public House Sanitary Conveniences | 12 |
| Other Visits to Licensed Premises | 3 |
| Inspection of Stables | 30 |
| Inspection of Fried Fish Shops | 11 |
| Inspections of Factories | 63 |
| Inspections re Outworkers Premises | 7 |
| Inspections of Bakehouses | 4 |
| Visits re Rats & Mice (in addition to Rodent Operators) | 28 |
| Smoke Observations and visits | 8 |
| Schools | 8 |
| Shops Acts | 6 |
| Miscellaneous Sanitary visits | 32 |
| Visits to Slaughterhouse for meat inspection | 504 |
| Visits to Butchers Shops | 45 |
| Visits to Fishmongers | 12 |
| Visits to Grocers | 57 |
| Visits to Dairies and Milkshops | 17 |
| Visits re Milk Sampling | 13 |
| Visits to Ice-Cream Premises | 28 |
| Visits re Ice-Cream Sampling | 12 |
| Visits to Food Preparing Premises | 5 |
| Visits to Restaurants and Cafes | 26 |
| Visits to Markets | 27 |
| Miscellaneous Food Visits | 2 |
| Visits re Petroleum and Explosives | 26 |
| Number of Informal Notices Served in 1952 | 86 |
| Number of Informal Notices outstanding from 1951 | 12 |
| Number of Informal Notices complied with in 1952 | 91 |
| Number of Informal Notices outstanding at 31st December, 1952. | 7 |
| Number of Statutory Notices served in 1952 | 17 |
| Number of Statutory Notices complied with in 1952 | |
| (a) By Owners | 14 |
| (b) By Local Authority in default of Owners | Nil |
| Number of Statutory Notices outstanding at 31st December, 1952. | 3 |

| <u>Work done after service of Notices.</u> | <u>Informal.</u> | <u>Formal.</u> |
|--|------------------|----------------|
| Roofs repaired | 7 | |
| Walls repaired | 5 | |
| Damp conditions abated | 6 | |
| Windows repaired | 1 | |
| Eaves gutters or rainwater pipes repaired or renewed | 5 | |
| Water closets repaired | 1 | |
| Drains cleansed or repaired | 39 | |
| Sink waste pipes renewed | 1 | |
| Dirty houses cleansed | 2 | |
| Offensive accumulations removed | 4 | |
| Nuisance from keeping of animals, abated | 2 | |
| Dustbins provided | 11 | 14 |

Factories.

| | |
|---|---|
| Sanitary conveniences cleansed | 1 |
| Roof and ceiling to sanitary conveniences repaired | 1 |
| Intervening ventilated space provided between sanitary conveniences and workroom | 1 |
| Means of escape in case of fire improved | 1 |

Food Premises.

| | |
|---|---|
| Washing facilities provided | 1 |
| Hotel kitchen cleansed | 1 |
| Food Handling Bye-laws - Notices re washing of hands posted in sanitary conveniences | 3 |
| Nuisance from wet condition of refuse bins abated | 1 |

Factory Act, 1937.

Inspections for purposes of provisions as to health.

| Premises. | Number on Register. | Number of | | |
|---|---------------------------|-------------|---------------------|--------------------------|
| | | Inspections | Written Notices. | Occupiers Prosecuted. |
| (i) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities. | 24 | 11 | Nil | Nil |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority. | 58 | 52 | Nil | Nil |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority * (excluding out-workers' premises) | Nil | Nil | Nil | Nil |
| Total: | 82 | 63 | Nil | Nil |

* Electrical Stations (Section 103 (1)), Institutions,
(Section 104) and sites of Building Operations and Works of
Engineering Construction (Sections 107 and 108).

Cases in which defects were found.

| Particulars. | Number of cases in which defects were found. | | | | No. of cases in which prosecutions were instituted. |
|--|--|-----------|--------------------|--------------------|---|
| | Found. | Remedied. | To H.M. Inspector. | By H.M. Inspector. | |
| Sanitary Conveniences (S.7) | | | | | |
| (b) Unsuitable or defective M/c. Line 10. | Nil | 1 | Nil | 1 | Nil |
| (c) Not separate for sexes. | Nil | Nil | Nil | Nil | Nil |
| Other offences against the Act (not including offences relating to Outwork) M/c Line 12. | Nil | 1 | Nil | 1 | Nil |
| Total: | Nil | 2 * | Nil | 2 * | Nil |

* Found 1951, remedied 1952.

OUTWORK, Section 110. Making, etc. Wearing apparel, M/c. line No.13, Seven out-workers in August list required by Section 110 (1).

(iv) SHOPS AND OFFICES. 6 inspections were made under the Shops Act.

(v) CAMPING SITES. There are no licensed camping sites in the District.

(vi) SMOKE ABATEMENT. Newmarket has no heavy industries and is therefore comparatively free from industrial atmospheric pollution.

8 smoke observations were carried out but no nuisance from excessive emission was noted.

(vii) SWIMMING POOL. The Council own a modern open-air Swimming Pool. Water for the pool is obtained from the Newmarket Waterworks Company's mains. Circulation of the water is continuous, the water being passed through a Bell horizontal sand filter, and suitably chlorinated.

Three samples of swimming pool water were taken for bacteriological examination, and all showed counts of Nil B. Coli per 100 mls.

Ten inspections were also made regarding the cleanliness of dressing boxes, sanitary accommodation and pool surroundings.

The swimming pool was open from the 10th May to the 13th September, 1952. The number of tickets sold was 20,891 of which 7,511 were to adults, 12,305 to children, and 1,075 to members of H.M. Forces who were admitted at a reduced rate. In addition there were 27 adult and 178 children season ticket holders.

As in previous years, arrangements were made with the West Suffolk Education Committee and the Cambridgeshire Education Committee for the attendance of school children on each morning, Monday to Friday, during the school summer term.

(viii) ERADICATION OF BED BUGS AND OTHER VERMIN. The following infestations were found and successfully treated:-

| Type of Infestation. | Number of Premises. | Number of Treatments. | Treatment. |
|---------------------------|---------------------|-----------------------|---|
| Bed Bugs. | 2 | 5 2 | Zaldecide D.D.T. Spray. |
| Fleas. | 6 | 6 | do. |
| Cockroaches. | 1 | 1 | do. |
| Moths. | 1 | 1 | do. |
| Furniture beetles | 1 | 4 | do. |
| Flies (Musca Autumnalis) | 1 | 1 | do. |
| Tyroglyphus Farinae Linn. | 1 | 1 | Removal of stored grain. Zaldecide D.D.T. Spray. Washing and ironing of infested bedding. |

56 visits and re-visits were paid to verminous premises, none of which were Council houses.

65 visits were paid to houses occupied by persons who had been allotted Council houses, in order that the dwellings which they occupied and their furniture could be inspected, and if necessary, freed from vermin, before removal to a new house. One of the bed bug infestations noted above was discovered as a result of these visits.

The infestation by flies (*musca autumnalis*) was at the Exning Isolation Hospital, where large numbers of flies from the surrounding agricultural land had entered the roof lofts. Spraying was successful in killing the flies.

The infestation by *Tyroglyphus Farinae* was unusual. These mites, which are only just visible to the naked eye, appeared in a bed in a very clean house in great numbers. Specimens sent to the British Museum were confirmed as *Tyroglyphus Farinae* by the Department of Entomology. Enquiries to find the stored grain in which these mites breed revealed some oats intended for chicken food stored in a loft above the bedroom. The oats were removed, the room and bedding sprayed with insecticide, and the bedding washed and ironed. These actions eradicated the mites.

28 wasp nests were destroyed.

(ix) RATS AND MICE. The Council employ two operators, Mr. Foster and Mr. Gallant, on the work of rodent destruction. In addition to the inspection and treatment of premises where the presence of rats was notified by occupiers, systematic inspections of the district have been carried out and premises were treated where necessary.

Free treatment was given at dwelling houses, but a charge was made for treatments carried out at business premises, the charge being 4/- per hour inclusive of the time taken for treatment and the cost of baits and poisons.

As in previous years only a very slight infestation of the sewers was found. Following test baiting, 2 maintenance treatments were carried out in the parts of the sewers found to be affected.

Five treatments were carried out at the Council's Sewage and Refuse Disposal Works at Exning Road, and the Exning Sewage Works had three treatments. A total of 355 rat bodies were found after these treatments.

The good work being done at Racing Stables was continued during the year, 30 treatments being carried out at these premises, at which a total of 391 rat bodies, and 41 mouse bodies were found.

Summary of Treatments carried out.

| Type of Premises. | No. of Treatments. | Bodies Found. | |
|----------------------------------|--------------------|---------------|------------|
| | | Rats. | Mice. |
| Dwelling Houses | 518 | 746 | 43 |
| Business Premises | 48 | 170 | 90 |
| Racing Stables | 30 | 391 | 41 |
| Allotments | 3 | 69 | - |
| <u>Council Property.</u> | | | |
| Sewage and Refuse Disposal Works | 8 | 355 | - |
| Fordham Road Depot | 3 | 9 | - |
| Houldsworth Valley Housing Site | 1 | 12 | - |
| | <u>611</u> | <u>1,752</u> | <u>174</u> |

(x) SCHOOLS. Eight visits were paid to schools in connection with the inspection of washing and sanitary accommodation.

The Council continued to press for improvements to the sanitary accommodation at All Saints Junior and Infants Schools, but a scheme for reconstruction of the sanitary conveniences submitted by the School Managers was not approved by the Ministry of Education. Dr. J. Davis, Chairman of the Public Health Committee, with the School Managers, subsequently met Mr. Aitken, Member of Parliament for the Division, at the schools and discussed the urgency of the matter with him. Through the good offices of the Member of Parliament, the School Managers were later notified that the scheme had been approved by the Ministry of Education, and that the work could proceed. It is hoped that the work will be commenced in the near future, and that these obsolete and insanitary trough closets, which have caused so much concern to the Council, and to the parents of children who attend the schools, will become a thing of the past.

56 visits and re-visits were paid to various premises, none of which were Council houses.

57 visits were paid to houses occupied by persons who had been notified Council houses, in order that the dwellings which they occupied and their furniture could be inspected, and if necessary, freed from vermin, before removal to a new house. One of the bed bug infestations noted above was discovered as a result of these visits.

The infestation by flies (musca autumnalis) was at the Ealing Isolation Hospital, where large numbers of flies from the surrounding agricultural land had entered the roof lofts. Spraying was successful in killing the flies.

The infestation by Trypoxyna varians was unusual. These mites, which are only just visible to the naked eye, appeared in a bed in a very clean house in great numbers. Specimens sent to the British Museum were confirmed as Trypoxyna varians by the Department of Entomology. Experiments to find the stored grain in which these mites breed revealed some cases intended for chicken feed stored in a loft above the bedroom. The rats were removed, the room and bedding sprayed with insecticide, and the bedding washed and treated. These actions eradicated the mites.

28 trap nests were destroyed.

(ix) WATER AND MICE. The Council employ two operators, Mr. Foster and Mr. Gelland, to keep up rodent destruction. In addition to the inspection and treatment of premises where the presence of rats was notified by operators, systematic inspection of the district have been carried out and premises were treated where necessary.

Trap treatment was given at dwelling houses, but a charge was made for treatment carried out at business premises, the charge being 1/- per hour inclusive of the time taken for treatment and the cost of bait and poisons.

As in previous years only a very slight infestation of the sewers was found. Following last winter, 2 maintenance treatments were carried out in the pipes of the sewers found to be infested.

Five treatments were carried out at the Council's Sewage and Refuse Disposal Works at Ealing Road, and the Ealing Sewage Works had three treatments. A total of 355 rat bodies were found after these treatments.

The work being done at Ealing Refuse and Sewage Works during the year, 50 treatments being carried out at these premises, at which a total of 351 rat bodies, and 41 mouse bodies were found.

Summary of Treatments carried out.

| Type of Premises. | No. of Treatments. | Rat Bodies Found. | Mouse Bodies Found. |
|----------------------------------|--------------------|-------------------|---------------------|
| Dwelling Houses | 218 | 45 | 15 |
| Business Premises | 48 | 170 | 30 |
| Ratting Stables | 30 | 351 | 41 |
| Allotments | 2 | 69 | - |
| Council Property. | | | |
| Sewage and Refuse Disposal Works | 8 | 355 | - |
| Portland Road Depot | 2 | 9 | - |
| Houlsworth Valley Housing Site | 1 | 12 | - |
| | <u>314</u> | <u>1,752</u> | <u>151</u> |

(x) SCHOOLS. Night visits were paid to schools in connection with the inspection of washing and sanitary accommodation.

The Council continued to press for improvements to the sanitary accommodation at All Saints Junior and Infant School, but a scheme for reconstruction of the sanitary conveniences submitted by the School Managers was not approved by the Ministry of Education. Dr. J. Davis, Chairman of the Public Health Committee, with the School Managers, subsequently met Mr. Atten, Member of Parliament for the Division, at the schools and discussed the urgency of the matter with him. Through the good offices of the Member of Parliament, the School Managers were later notified that the scheme had been approved by the Ministry of Education, and that the work could proceed. It is hoped that the work will be commenced in the near future, and that these schools and instantly through schools, which have caused so much concern to the Council, and to the parents of children who attend the schools, will become a thing of the past.

SECTION D.
HOUSING.

| | |
|---|-----|
| 1. (i) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | 145 |
| (b) Number of inspections made for the purpose | 421 |
| (ii) (a) Number of dwelling-houses (included under sub-head (i) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925. | 2 |
| (b) Number of inspections made for the purpose | 3 |
| (iii) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation. | 1 |
| (iv) 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. | 70 |
| 2. <u>Remedy of Defects during the year without service of formal notices:-</u> | |
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers. | 53 |
| 3. <u>Action under Statutory Powers during the year:-</u> | |
| (a) <u>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:-</u> | |
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs. | Nil |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices:- | |
| (a) by Owners | Nil |
| (b) by Local Authority in default of Owners | Nil |
| (b) <u>Proceedings under Public Health Acts.</u> | |
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | 17 |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices | |
| (a) by Owners | 14 |
| (b) by Local Authority in default of Owners | Nil |
| (c) <u>Proceedings under Section 11 and 13 of the Housing Act, 1936.</u> | |
| (1) Number of dwelling-houses in respect of which Demolition Orders were made. | 8 |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders. | 2 |
| (d) <u>Proceedings under Section 12 of the Housing Act, 1936.</u> | |
| (1) Number of dwelling-houses in respect of which Closing Orders were made | 1 |
| (2) Number of dwelling-houses closed in pursuance of Closing Orders. | 1 |

4. Housing Act, 1936 - Part IV - Overcrowding.

- (a) (i) Number of dwellings overcrowded at the end of the year 2
(ii) Number of families dwelling therein 3
(iii) Number of persons dwelling therein 20
(b) Number of new cases of overcrowding discovered during the year Nil
(c) (i) Number of cases of overcrowding relieved during the year 1
(ii) Number of persons concerned in such cases 9
(d) Particulars of any cases in which dwelling houses have Nil
again become overcrowded after the Local Authority
having taken steps for the abatement of overcrowding

The following table indicates the number of Council houses provided by this Authority:-

| | Pre-War | COMPLETED POST-WAR. | | | | | | | Total Post-War. |
|----------------|---------|---------------------|-------|-------|-------|-------|-------|-------|-----------------|
| | | 1946. | 1947. | 1948. | 1949. | 1950. | 1951. | 1952. | |
| Traditional. | 311 | - | 34 | 30 | 5 | 27 | 36 | 20 | 152 |
| Prefabricated. | | 35 | 15 | - | - | - | - | - | 50 |
| Easiform. | | - | - | 98 | 2 | - | - | - | 100 |
| Unity. | | - | - | - | - | 9 | 11 | 28 | 48 |
| Total: | 311 | 35 | 49 | 128 | 7 | 36 | 47 | 48 | 350 |

Pre-War 311

Grand Total Council Houses 661

Conversions. Family
units provided
by Council

17 13 32 28 - - Nil = 86
74.7

* 4 De-requisitioned.

Private Enterprise.

Houses completed. 3 5 3 5 2 10 11 39
Conversions. Family
units provided. 5 20 10 11 6 8 6 66

In 1952 the average number of persons per house throughout the District was 3.3, but in pre and post-war Council houses the average was 4.2 .

Post-war Council house building has progressed at the average rate of 50 per year, so 48 completed in 1952 is an average year.

The latest information (obtained at the end of August 1953) concerning the application list for Council houses shows 498 applicants on the waiting list. Of these 498 there are:-

367 already occupying houses but who need or desire a change and
131 who have never had a home of their own, they are at present
in lodgings or living with in-laws.

There is still, therefore, a very great task to be accomplished before the housing needs of the inhabitants are satisfied. The obvious and great benefit that the Council houses have conferred upon those who already have had their housing requirements met by the Council will be a sustaining inspiration to those providing the houses until the task is completed.

SECTION E.
INSPECTION AND SUPERVISION OF FOOD.

(a) MILK SUPPLY. Milk and Dairies Regulations, 1949.

Number of Milk Distributors on Register 6
Number of Dairies on Register 2

Milk (Special Designation) Regulations 1949.

Number of Licences to sell milk as Tuberculin Tested 2
Number of Supplementary Licences to sell milk as Tuberculin Tested 2
Number of Licences to sell milk as Pasteurised 3
Number of Supplementary Licences to sell milk as Pasteurised 1

Thirteen samples of Milk were taken with results as tabulated below:-

| MILK Nature of sample. | No. of Samples. | PHOSPHATASE TEST. | | METHYLENE BLUE TEST. | | Total number of Unsatisfactory samples. |
|------------------------------|--------------------|----------------------|-----------------|-------------------------|-----------------|--|
| | | Satisfactory. | Unsatisfactory. | Satisfactory. | Unsatisfactory. | |
| Pasteur- ised. | 9 | 9 | - | 6 x | 1 | - |
| T.T.Certified | 1 | - | - | 1 | - | - |
| Total: | 10 | 9 | - | 7 x | - | - |

* Note: In the case of 3 samples the Methylene Blue Test was not carried out, the atmospheric shade temperature being more than 65°F.

Three other samples of Pasteurised milk taken, were delayed en route to the laboratory, and were not tested.

Visits re Inspection of Dairies and Milk Sampling:- 30

(b) ICE-CREAM. The only manufacturer of ice-cream in the District now makes his ice-cream from a complete cold mix powder.

The majority of ice-cream dealers in the District receive ice-cream from large manufacturers as wrapped blocks, wrapped bricks, or in covered cartons. They keep the ice-cream in closed cabinet refrigerators and sell the ice-cream in the wrappings or packings in which it is received.

Ten samples of ice-cream were taken for methylene blue test with results as follows:-

| | | | |
|-----------------|-----------------|-----------------|-----------------|
| <u>Grade 1.</u> | <u>Grade 2.</u> | <u>Grade 3.</u> | <u>Grade 4.</u> |
| 7 | 2 | Nil | 1 |

In the case of the Grade 4 sample, which was of a complete cold mix manufacture, a sample was taken of the complete cold mix powder. This sample showed 10 Faecal, and 50 Non-Faecal Coliform organisms per 100 grams of powder. A further sample of the same brand of powder was taken from a new previously unopened tin, and in this sample, no coliform organisms were found. It was therefore presumed that the first tin of powder may possibly have been contaminated by a scoop during use, and the manufacturer was instructed to use only a sterile scoop, and to keep the tin properly closed when not in use.

40 visits were paid for the purpose of ice-cream sampling, and for the inspection of ice-cream premises.

(c) MEAT AND OTHER FOODS.

All slaughtering of animals for human consumption for the Urban District and the surrounding Rural Districts of Newmarket and Mildenhall, takes place at the Government controlled slaughterhouse in our Area.

As in previous years, no effort was spared to ensure that all carcasses and organs were inspected, and for this purpose 504 visits were paid to the slaughterhouse. Meat inspection was carried out on 19 Sundays during the year.

It is pleasing again to report that the slaughterhouse and equipment have been kept in a high standard of cleanliness. Besides frequent washing down during the day, no matter how long or how hard the day's work has been, thorough cleansing of the floors, walls, tables and equipment with scalding water, brooms, scrubbing and elbow grease is a ritual that is never missed.

An electrically driven carcass splitting saw has been installed.

Four cases of *Cysticercus Bovis* were discovered during the year, all the animals affected being steers. Three were affected in the masseter muscles, and one lesion was found in the heart.

In the Report for 1951, note was made that among the small number of cows (included in the larger number of bovines) that the percentage of cows affected with Tuberculosis had decreased each year for the past four years. The percentage showed a further decrease to 18.06% in 1952, the figures for the five years being:-

| | | |
|------|---|--------|
| 1948 | - | 40.36% |
| 1949 | - | 28.53% |
| 1950 | - | 27.50% |
| 1951 | - | 22.95% |
| 1952 | - | 18.06% |

Carcasses and Parts of Carcasses Condemned

| | | | | | |
|---------------------------|-----------------|------|---------------|-----------------|-------|
| <u>Beasts.</u> | Whole carcasses | 14 | <u>Pigs.</u> | Whole carcasses | 5 |
| | Part | " 26 | | Part | " 4 |
| <u>Sheep & Lambs.</u> | Whole | " 8 | <u>Calves</u> | Whole | " 2 |
| | Part | " 2 | | Part | " Nil |

OFFALS CONDEMNED.

| Cattle. | Cattle other than Cows. | | Tuberculosis. | Cows. | |
|---------------------------|-------------------------|-----------------|---------------|-----------------|--------|
| | Tuberculosis. | Other Diseases. | | Other Diseases. | Total. |
| Heads | 58 | 9 | 25 | 4 | 96 |
| Lungs | 82 | 138 | 70 | 55 | 345 |
| Hearts | 2 | 3 | 1 | 1 | 7 |
| Livers | 23 38 | 207 | 13 | 96 | 354 |
| Kidneys | 3 | 3 | 2 | 5 | 13 |
| Skirts | 35 | 4 | 17 | 2 | 58 |
| Spleens | 10 | 13 | 4 | 7 | 34 |
| Stomachs | 6 | 5 | 2 | 3 | 16 |
| Mesenteries & Intestines. | 11 | 3 | 4 | 1 | 19 |
| <u>Pigs.</u> | | | <u>Total</u> | | |
| Heads. | 2 | 1 | 3 | | |
| Lungs | - | 173 | 173 | | |
| Hearts | - | 36 | 36 | | |
| Livers | - | 23 | 23 | | |
| Kidneys | - | 8 | 8 | | |
| Stomachs | - | 5 | 5 | | |
| Mesenteries. | 4 | 14 | 18 | | |
| <u>Sheep.</u> | | | | | |
| Heads | - | 1 | 1 | | |
| Lungs | - | 44 | 44 | | |
| Hearts | - | 29 | 29 | | |
| Livers | - | 38 | 38 | | |
| Kidneys | - | 2 | 2 | | |
| <u>Calves.</u> | | | | | |
| Heads. | - | 1 | 1 | | |

Total weight of Meat and Offals condemned:- 11 tons, 15 cwt, 2 qrs, 20 lbs.

CARCASES INSPECTED AND CONDEMNED.

| | Cattle excluding Cows. | Cows. | Calves. | Sheep & Lambs. | Pigs. |
|---|------------------------|-------|---------|----------------|-------|
| Number killed | 1,621 | 443 | 783 | 3,796 | 614 |
| Number inspected | 1,621 | 443 | 783 | 3,796 | 614 |
| Whole carcasses condemned. | 1 | 3 | 2 | 8 | 4 |
| Carcases of which some part of organ was condemned. | 316 | 130 | 1 | 67 | 182 |
| Percentage of the number inspected affected with disease other than Tuberculosis. | 19.6% | 30.0% | 0.4% | 2.0% | 30.3% |
| <u>Tuberculosis only:</u> | | | | | |
| Whole carcasses condemned. | 8 | 2 | - | - | 1 |
| Carcases of which some part or organ was condemned. | 126 | 78 | - | - | 4 |
| Percentage of the number inspected affected with Tuberculosis. | 8.3% | 18.1% | - | - | 0.8% |

FOODSTUFFS CONDEMNED AS BEING UNSOUND OR OTHERWISE UNFIT FOR HUMAN CONSUMPTION.

| | |
|--------------------------|------------------------------------|
| 133 tins of Meat. | 2 Jars of Pickles. |
| 263 " " Fruit. | 56 lbs. of Pork Sausage Meat. |
| 88 " " Vegetables. | 60 " " Minced Pork. |
| 23 " " Fish. | 3 " " Cooked Pork. |
| 42 " " Milk | 9 " " Cooked Ham. |
| 14 " or Jars of Jam. | 5 " " Cheese Trimmings. |
| 111 lbs. of Dried Fruit. | 36 gallons of Milk. |
| 14 " " Bloaters. | 90 Packets of Sugared Puffed Rice. |
| 12 " " Dressed Crab. | 13 " " Tea. |
| 30 " " Boiled Lobsters. | 9 " " Macaroni. |
| 8 " " Sugar. | 7 Cartons of Chocolate Wafers. |
| 1 lb. " Butter. | 13 Chickens. |
| 1 " " Cooking Fat. | |

Total weight condemned:- 15 cwt, 2 qrs, 27 lbs.

The above foods were inspected with the co-operation of the food traders in the District, who ask for foods to be inspected if they are in doubt as to their fitness for human consumption. In some cases it is possible to advise the trader that the food could be sold, and thus save food which may have been unnecessarily destroyed.

FOOD & DRUGS ACT, 1938. Section 38. Horseflesh.

Proceedings were instituted against the proprietor of a hotel for having in her possession for the purpose of sale, horseflesh for human consumption, without there being displayed in a conspicuous position so as to be visible, a notice in legible letters stating that horseflesh was sold there.

The defendant was fined £5 with £5 costs.

- (d) ADULTERATION, ETC.
- (e) CHEMICAL BACTERIOLOGICAL EXAMINATION.
- (f) NUTRITION.
- (g) SHELL-FISH. (Molluscan)
- (h) WATER-CRESS.

No change.

PRODUCTS CONTAINED AS BEING UNSOUND OR OTHER ILL UNIT FOR
HUMAN CONSUMPTION.

| | |
|--------------------------|--------------------------------------|
| 133 lbs of meat. | 2 lbs of Pickles. |
| 263 " " " " " " | 56 lbs. of Pork Sausage Meat. |
| 55 " " " " " " | 60 " " " " " " |
| 23 " " " " " " | 3 " " " " " " |
| 42 " " " " " " | 5 " " " " " " |
| 14 " " " " " " | 5 " " " " " " |
| 111 lbs. of Dried Fruit. | 36 gallons of Milk. |
| 14 " " " " " " | 90 packages of Sugar and White Rice. |
| 12 " " " " " " | 13 " " " " " " |
| 30 " " " " " " | 2 " " " " " " |
| 8 " " " " " " | 7 Cans of Chocolate Wafers. |
| 1 lb. " " " " " " | 13 Chickens. |
| 1 " " " " " " | |

Total weight contained:- 15 cwt, 5 qrs, 27 lbs.

The above foods were inspected with the co-operation of the food traders in the District, who ask for foods to be inspected if they are in doubt as to their fitness for human consumption. In some cases it is possible to advise the trader that the food could be sold, and thus save food which may have been unnecessarily destroyed.

FOOD & DRUG ACT, 1938. Section 35. Offences.

Proceedings were instituted against the proprietor of a hotel for having in her possession for the purpose of sale, horseflesh for human consumption, without there being displayed in a conspicuous position so as to be visible, a notice in legible letters stating that horseflesh was sold there.

The defendant was fined £5 with £5 costs.

- | | | |
|------------|---|--|
| No change. | } | (a) <u>ANALYSIS, ETC.</u> |
| | | (b) <u>CHEMICAL BACTERIOLOGICAL EXAMINATION.</u> |
| | | (c) <u>NUTRITION.</u> |
| | | (d) <u>SMELL-TASTE. (Palatability)</u> |
| | | (e) <u>WATER-CONTENT.</u> |

SECTION F.

The following table shows the number of Infectious Diseases among the civilian population during the year. These are the final numbers after corrections subsequently made either by the Notifying Medical Practitioner or by the Medical Superintendent of the Infectious Disease Hospital.

ALL NOTIFIABLE DISEASES (other than Tuberculosis) DURING 1952.

| | | | | Scarlet Fever. | Whooping Cough. | Measles. | Pneumonia. | Food Poisoning. | Erysipelas. | Puerperal Pyrexia. |
|-----------------|-------|-------|---------|-------------------|--------------------|----------|------------|--------------------|-------------|-----------------------|
| Grand Total: | M. F. | | | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. |
| 51 | 29 | 22 | Totals: | 5 4 | 8 11 | 8 3 | 6 1 | 1 - | - 1 | - 3 |
| Age 0 | to | under | 1 | - - | - 1 | - 1 | - - | - - | - - | - - |
| 1 | " | " | 3 | - 1 | 1 2 | 1 - | - - | - - | - - | - - |
| 3 | " | " | 5 | - - | 2 2 | 3 1 | 1 - | - - | - - | - - |
| 5 | " | " | 10 | 4 3 | 4 6 | 4 1 | - - | 1 - | - - | - - |
| 10 | " | " | 15 | 1 - | - - | - - | 1 - | - - | - - | - - |
| 15 | " | " | 25 | - - | 1 - | - - | 2 1 | - - | - - | - - |
| 25 | " | " | 45 | - - | - - | - - | - - | - - | 1 - | - 3 |
| 45 | " | " | 65 | - - | - - | - - | 1 - | - - | - - | - - |
| 65 & over. | | | | - - | - - | - - | 1 - | - - | - - | - - |

TUBERCULOSIS.

New Cases and Mortality during 1952.

During 1952 there were 9 new cases as follows:-

8 Pulmonary: 2 Males, 31 & 49 years.
6 Females, 18, 19, 23, 28, 40 & 55 years.
1 Non-Pulmonary: 1 Male, 21 years.

There were 2 Pulmonary Tuberculosis deaths during 1952, a male aged 56 years and a female aged 52 years.

Cases remaining on the Register at
end of year.

| <u>Year.</u> | <u>Total.</u> | <u>Pulmonary.</u> | | <u>Non-Pulmonary.</u> | |
|--------------|---------------|-------------------|----------------|-----------------------|----------------|
| | | <u>Male.</u> | <u>Female.</u> | <u>Male.</u> | <u>Female.</u> |
| 1952 | 74 | 30 | 32 | 3 | 9 |
| 1951 | 75 | 30 | 33 | 3 | 9 |
| 1950 | 69 | 28 | 29 | 2 | 10 |

NEWMARKET - 1936 to 1952. NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

| | Diph- theria | Scarlet Fever | Measles | Whoop- ing Cough | Pneu- monia. | Ery- sip- clas. | Infective Hepatitis | Acute Polio- myelitis. | Dysentery | Enteric Fever | Pemph- igus Neo- nator- um. | Oph- thal- mia Neo- nator- um. | Puer- peral lyrexia | Food Poison- ing. | Cere- bro Spinal Fever | En- ceph- alitis Leth- argica. |
|-------|-----------------|------------------|---------|------------------------|-----------------|-----------------------|------------------------|------------------------------|-----------|------------------|---|---|---------------------------|-------------------------|---------------------------------|--|
| 1936. | 1 | 4 | - | - | 5 | 1 | - | Nil | Nil | Nil | Nil | Nil | 1 | - | 1 | 3 |
| 1937. | 1 | 9 | - | - | 4 | Nil | - | 4 | Nil | Nil | 1 | Nil | Nil | - | Nil | Nil |
| 1938. | 3 | 2 | - | - | 4 | 1 | - | Nil | Nil | Nil | Nil | Nil | 3 | - | Nil | Nil |
| 1939. | 2 | 49 | - | 14 | 5 | 1 | - | Nil | Nil | 1 | Nil | Nil | Nil | - | Nil | Nil |
| 1940. | 48 | 45 | 24 | 17 | 3 | 2 | - | Nil | Nil | Nil | Nil | Nil | 1 | - | Nil | Nil |
| 1941. | 3 | 5 | 389 | 5 | 5 | 1 | - | Nil | Nil | Nil | Nil | Nil | 2 | - | Nil | Nil |
| 1942. | 2 | 3 | 2 | 34 | 2 | 1 | - | Nil | Nil | Nil | Nil | Nil | 1 | - | Nil | Nil |
| 1943. | Nil | 36 | 86 | 18 | 9 | 3 | 155 | Nil | Nil | Nil | Nil | Nil | 3 | - | Nil | Nil |
| 1944. | 2 | 28 | 2 | 19 | 7 | 1 | 63 | Nil | Nil | Nil | Nil | Nil | 4 | - | Nil | Nil |
| 1945. | Nil | 3 | 39 | 5 | 2 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | 2 | - | Nil | Nil |
| 1946. | Nil | 2 | 1 | 2 | Nil | 2 | Nil | Nil | 2 | Nil | Nil | 3 | 5 | - | Nil | Nil |
| 1947. | Nil | 7 | 2 | Nil | 1 | 2 | Nil | 3 | 12 | Nil | Nil | Nil | 10 | - | Nil | Nil |
| 1948. | Nil | 53 | 8 | 10 | 1 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | 4 | - | Nil | Nil |
| 1949. | Nil | 10 | 383 | 27 | 1 | 1 | 1 | Nil | Nil | Nil | Nil | Nil | 5 | 2 | 1 | Nil |
| 1950. | Nil | 2 | 7 | 33 | 2 | 1 | Nil | Nil | Nil | Nil | Nil | Nil | 9 | Nil | Nil | Nil |
| 1951. | Nil | Nil | 44 | 2 | 61 | 1 | 4 | 2 2 | 39 | Nil | Nil | Nil | 8 | Nil | Nil | Nil |
| 1952. | Nil | 9 | 11 | 19 | 7 | 1 | Nil | Nil | Nil | Nil | Nil | Nil | 3 | 1 | Nil | Nil |

