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EAST RETFORD
RURAL DISTRICT COUNCIL

ANNUAL REPORT FOR 1951

BY

JOHN TOLLAND

L.R.C.P. & S., L.R.F.P.S., D.P.H.

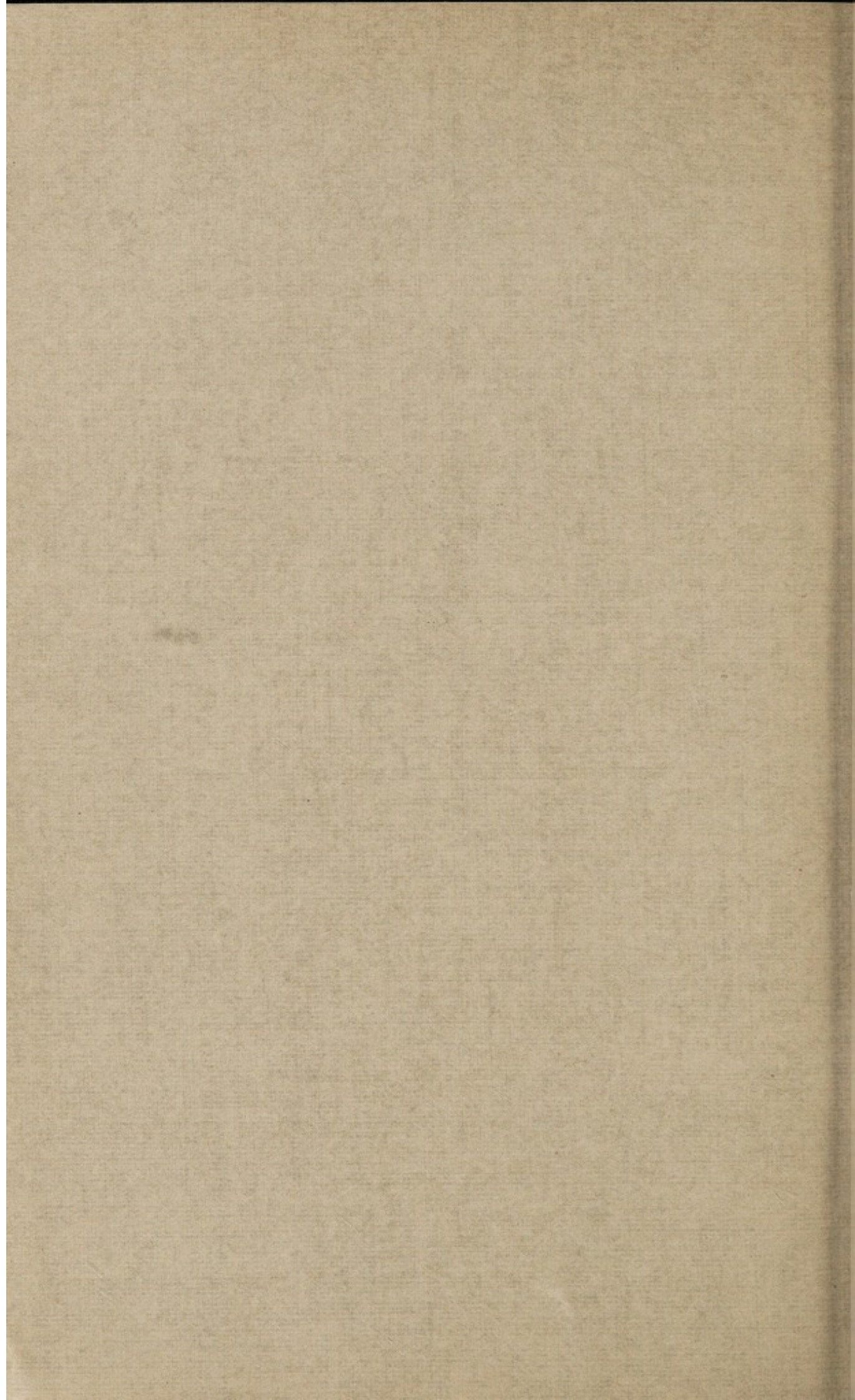
MEDICAL OFFICER OF HEALTH



RETFORD

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1952



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RURAL DISTRICT COUNCIL

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FOR 1951

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JOHN TOLLAND

L.R.C.P. & S., L.R.F.P.S., D.P.H.

MEDICAL OFFICER OF HEALTH

PUBLIC HEALTH OFFICERS OF THE AUTHORITY

Medical Officer of Health :

JOHN TOLLAND, L.R.C.P. AND S., L.R.F.P.S., D.P.H.

Sanitary Inspector (and Surveyor) :

J. HUNT, C.R.S.I., and Meat and Food Inspector's Certificate
of the Royal Sanitary Institute

Additional Sanitary Inspectors :

J. HILL, M.B.E., C.R.S.I., and Meat and Food Inspector's Certificate
of the Royal Sanitary Institute

D. ROBERTS, C.R.S.I.

RETFORD

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STATISTICS & SOCIAL CONDITIONS OF THE AREA

Area	111,024 acres
Estimated resident population, mid-year, 1951 ..	21,650
Number of inhabited houses at end of 1951 ..	5,902
Rateable Value at 1st April, 1952	£93,917
Sum represented by a Penny Rate at 1st April, 1952	£376/16/11

VITAL STATISTICS

LIVE BIRTHS :

	Total	M	F	
Legitimate ..	288	151	137	
Illegitimate ..	24	14	10	
Birth Rate per 1,000 estimated population ..				14.41
Birth Rate for England and Wales per 1,000 population				15.5

STILL BIRTHS :

	Total	M	F	
Legitimate ..	6	5	1	
Illegitimate ..	—	—	—	
Rate per 1,000 total births				18.87
Rate per 1,000 estimated resident population ..				0.27
Rate per 1,000 population England and Wales ..				0.36

MATERNAL MORTALITY :

Pregnancy, childbirth and abortion	Nil
Rate per 1,000 total births (live and still) ..	Nil
Maternal Mortality — England and Wales (per 1,000 live births)	

Sepsis of pregnancy, childbirth and the puerperium	0.10
Abortion with toxæmia	0.00
Other toxæmias of pregnancy and the puerperium ..	0.24
Haemorrhage of pregnancy and childbirth ..	0.13
Abortion without mention of sepsis or toxæmia ..	0.05
Abortion with sepsis	0.09
Other complications of pregnancy, childbirth ..	0.18

INFANTILE MORTALITY :

	Total	M	F	
Legitimate ..	9	6	3	
Illegitimate ..	2	—	2	
Mortality Rate of legitimate infants per 1,000 legitimate live births				31.25
Mortality Rate of illegitimate infants per 1,000 illegitimate live births				83.33
Total infantile mortality rate per 1,000 live births ..				35.33
Infantile Mortality for England and Wales				29.6

DEATHS :	Total	M	F
	264	145	119

Death Rate per 1,000 estimated population	12.19
Death Rate per 1,000 population England and Wales	12.5

The rates are calculated on the estimated population given by the Registrar General.

MORTALITY

The deaths include those of 77 persons in institutions outside the district, 36 males and 41 females.

The causes of death were :

Tuberculosis, respiratory system	2
Tuberculosis, other forms	2
Syphilitic disease	—
Diphtheria	—
Whooping Cough	1
Meningococcal infections	—
Acute poliomyelitis	—
Measles	—
Other infective and parasitic diseases	—
Malignant neoplasm, stomach	3
Malignant neoplasm, lung, bronchus	6
Malignant neoplasm, breast	9
Malignant neoplasm, uterus	1
Other malignant and lymphatic neoplasms	20
Leukaemia, aleukaemia	1
Diabetes	2
Vascular lesions of nervous system	38
Coronary disease, angina	19
Hypertension with heart disease	6
Other heart disease	48
Other circulatory disease	19
Influenza	8
Pneumonia	6
Bronchitis	13
Other diseases of respiratory system	3
Ulcer of stomach and duodenum	2
Gastritis, enteritis and diarrhoea	3
Nephritis and nephrosis	7
Hyperplasia of prostate	2
Pregnancy, childbirth, abortion	—
Congenital malformations	—
Other defined and ill-defined diseases	33
Motor vehicle accidents	2
All other accidents	7
Suicide	1
Homicide and operations of war	—

PUBLIC HEALTH DEPARTMENT,
CHANCERY LANE,
RETTFORD.

TO THE CHAIRMAN AND MEMBERS OF THE
EAST RETTFORD RURAL DISTRICT COUNCIL.

July, 1952

LADIES AND GENTLEMEN,

I beg to present my Annual Report on the Health and Health Services of the District for the year 1951.

It will be observed that the estimated population for mid-year 1951 shows a decrease of 500 as compared with 1950, which in itself was 450 less than the 1949 figure.

The Birth Rate continues to be less than that for England and Wales, although because of the decrease in the estimated population and the number of births remaining almost constant, the Rate per 1,000 shows an increase of 0.3 over the 1950 figure.

It is gratifying to note that during the year there was no maternal death.

The Infantile Mortality has shown a moderate rise as compared with 1950. Of the 11 infant deaths, 2 were due to prematurity, one to an accident and the remainder to various illnesses of an acute nature.

Total deaths have increased by 49, and the Death Rate shows a sharp increase from the extremely low figure of 9.7 for 1950 but still remains below that for England and Wales. There was a sharp increase in the number of deaths from various forms of cancer during the year to 40, an increase of 11 over the figure for 1950.

130 Deaths occurred from diseases of the heart and blood vessels, being an increase of 29 on the previous year's figures.

It will be observed that the deaths attributed to cardiovascular diseases continue to constitute approximately half of the total deaths for the District. This proportion will probably continue, reflecting as it does the slow ageing of the population.

There were 39 cases of Scarlet Fever during the year, the cases occurring sporadically throughout the year, and scattered widely over the District. The disease followed its usual trend of recent years and remained mild.

87 Cases of Whooping Cough occurred, with one death in a child under one year. The cases were scattered throughout the year, with a small peak in July and August. The cases were scattered throughout the District but the villages chiefly affected were Misterton and Finningley.

The epidemic of Measles which commenced in October 1950 continued into 1951, 244 cases being notified, 127 of these in

January, and by the end of March the epidemic had faded out. During succeeding months sporadic cases continued to occur. No death occurred from this disease.

The District remained almost free from Poliomyelitis, 2 cases only occurring, both in the autumn, one resulting in some paralysis, and the other being non-paralytic.

DIPHTHERIA IMMUNISATION & VACCINATION

Diphtheria Immunisation continued to be carried out throughout the year, at schools and clinics in the district. During 1951, 146 children were immunised by me, and a further 156 were immunised by General Practitioners. It is estimated that 59.5% of children under the age of 5 years have now been protected, whilst 100% of children between the ages of 5 and 15 years are protected. 183 Children were given boosting doses by me, and 23 by General Practitioners. 58 Children were vaccinated by me and 138 by General Practitioners.

SCABIES

No case of scabies was reported during the year.

VENEREAL DISEASE

The treatment of Venereal disease was the responsibility of the Notts. County Council until, under the National Health Service Act, 1946, the service was handed over to the Sheffield Regional Hospital Board on the 5th July, 1948. Clinics are held as hereunder :—

Mansfield — West Hill Drive :

Men	..	Tuesday	10.0 a.m. to 12 noon
		Thursday	6.0 p.m. to 8 p.m.
Women	..	Tuesday	2.0 p.m. to 4.0 p.m.
		Wednesday	6.0 p.m. to 8.0 p.m.

Worksop — Dispensary Buildings, Watson Road

Men	..	Friday	10.30 a.m. to 12.30 p.m.
		Friday	6.0 p.m. to 7.0 p.m.
Women	..	Wednesday	10.30 a.m. to 12.30 p.m.
		Friday	5.0 p.m. to 6.0 p.m.

and also at :—

Doncaster — Royal Infirmary

Men	..	Tuesday	5.30 p.m. to 7.30 p.m.
		Friday	9.0 a.m. to 11.0 a.m.
		Friday	4.0 p.m. to 6.0 p.m.
Women	..	Monday	4.0 p.m. to 6.0 p.m.
		Friday	6.0 p.m. to 8.0 p.m.

Gainsborough — 141, Bridge Street

Men	..	Wednesday	6.0 p.m. to 7.0 p.m.
Women	..	Monday	10.0 a.m. to 12 noon
		Monday	6.0 p.m. to 7.0 p.m.

Sheffield — Royal Infirmary

Men	..	Tuesday	5.0 p.m. to 7.0 p.m.
		Wednesday	6.0 p.m. to 8.0 p.m.
		Friday	5.30 p.m. to 7.30 p.m.
Women	..	Tuesday	1.30 p.m. to 4.0 p.m.

Sheffield — Royal Hospital

Men	..	Tuesday	7.0 p.m. to 9.0 p.m.
		Thursday	6.0 p.m. to 8.0 p.m.
		Friday	7.0 p.m. to 9.0 p.m.
Women	..	Thursday	11.0 a.m. to 1.0 p.m.

Jessop Hospital for Women

Women	..	Tuesday	4.0 p.m. to 6.0 p.m.
		Thursday	4.0 p.m. to 6.0 p.m.

TUBERCULOSIS :

The Notts. County Council are responsible for the supervision and arrangement of treatment by the Sheffield Hospital Board of cases of tuberculosis throughout the Rural Area. Clinics for special examination and advice are held at Retford and District Hospital, North Road, Retford, on Tuesday of each week between 2.0 p.m. and 4.0 p.m.

AMBULANCE FACILITIES :

The Ambulance Services in the area are provided by the Notts. County Council. The main ambulance station is situated in Retford Borough, and the vehicles comprise : 3 ambulances and 2 sifter-cars. The Station Supervisor is Mr. B. Hall. Address of office : 4a, Churchgate, Retford. Telephone : Retford 400.

MATERNITY AND CHILD WELFARE :

The Maternity and Child Welfare Authority for the East Retford Rural District is the Notts. County Council.

Clinics for the examining and advising of expectant and nursing mothers, and children under the age of 5 years, are held at the following villages :—

Barnby Moor — Barnby Moor House

A.N. Monthly	Monday	3.15 p.m. to 4.30 p.m.
C.W. Fortnightly	Thursday	2.0 p.m. to 4.30 p.m.
Medical Officer attends alternate sessions.		

Dunham-on-Trent — Women's Institute

A.N. Monthly	Thursday	2.0 p.m. to 4.30 p.m.
C.W. Fortnightly	Thursday	2.0 p.m. to 4.30 p.m.

Medical Officer attends alternate sessions.

Gringley-on-the-Hill — Church Room

A.N. Monthly	Friday	9.30 a.m. to 12 noon
C.W. Fortnightly	Thursday	2.0 p.m. to 4.30 p.m.

Medical Officer attends alternate sessions.

Mattersey — Community Buildings

A.N. Monthly	Saturday	9.30 a.m. to 12 noon
C.W. Fortnightly	Thursday	9.30 a.m. to 12 noon

Medical Officer attends alternate sessions.

Misson — Memorial Hall

A.N. Monthly	Wednesday	2.0 p.m. to 4.30 p.m.
C.W. Fortnightly	Wednesday	2.0 p.m. to 4.30 p.m.

Medical Officer attends alternate sessions.

Misterton — Victoria Institute

A.N. Monthly	Tuesday	2.0 p.m. to 4.30 p.m.
C.W. Weekly	Tuesday	2.0 p.m. to 4.30 p.m.

Medical Officer attends alternate sessions.

South Leverton

A.N. Monthly	Thursday	2.0 p.m. to 4.30 p.m.
C.W. Fortnightly	Thursday	2.0 p.m. to 4.30 p.m.

Medical Officer attends alternate sessions.

Tuxford — Old Grammar School

A.N. Fortnightly	Tuesday	9.30 a.m. to 12 noon
C.W. Weekly	Monday	2.0 p.m. to 4.30 p.m.

Medical Officer attends alternate sessions.

HOUSING — GENERAL REMARKS.

It will be seen from the results of the housing survey that 1,030 houses are at present considered to be unfit and incapable at reasonable expense of being rendered fit, that 1,673 houses are in need of substantial repairs (categories 3 and 4) and that some 894 require repairs of a minor character.

In view of the area's repair ceiling limit of £1,716 per quarter, the high cost of repairs and improvements, the continued inability of owners to relate such costs to small pre-war rents, the shortage of labour and materials required for new house construction, agricultural and other work, it is impossible to see how the general standard of housing in the district can be improved at all, and the Housing Act, 1949, is completely in-operative in practice so far as the improvement of existing houses is concerned.

The raising of the £100 "free licensing limit" on properties under a fixed rateable value limit, with some reasonable increase in rent, would in my opinion, go some way to preventing the further deterioration of a substantial amount of property, having regard to numerous increases in cost of labour and materials over the last four or five years.

During the year, it was necessary to deal with a further house under Section 11 of the Housing Act, 1936, when a demolition order was made.

The difficulty now experienced in view of the inability to rehouse or for occupiers themselves to find suitable alternative accommodation, is in determining how few houses need be represented as distinct from how many should be represented as unfit for human habitation and closed.

However, it is fast becoming evident from the attitude of a number of owners when urgent repairs become absolutely necessary, that more houses will soon have to become the subject of demolition orders. The making of demolition orders in appropriate cases in appropriate villages, whilst slightly retarding rehousing progress in those areas would definitely show some improvement in the general housing conditions.

NATIONAL ASSISTANCE ACT, 1948 — Section 47.

No action was necessary under this Section during the year.

ANNUAL REPORT — YEAR 1951

Report of the Sanitary Inspector

The following work was carried out during the year :—

Mattersey Parish

A length of 30 yards of defective 6 ins. sewer in the High Street has been replaced with 6 ins. cast iron pipes.

Sewerage and Sewage Disposal

Maintenance work has been carried out at Ranskill, Tuxford, and East Markham Sewage Disposal Works. These works are now considered to be grossly overloaded and inadequate, and it is anticipated that they will be redundant, or in the case of Ranskill, reconstructed, when the schemes of sewerage and sewage disposal now before the Ministry are proceeded with.

The sewage disposal works and pumping station at Mattersey Thorpe which was constructed during the war by the Ministry of Works, was taken over on January 1st by the Council, and is now being run and maintained by the Council. These works will form an integral part of the scheme for sewerage and sewage disposal for the Parishes of Mattersey and Everton.

Additional sewage disposal plants on Council House sites have been handed over by Contractors at North Leverton, Sutton, and South Wheatley and these works are now maintained in the following parishes: Askham, Bothamsall, Clayworth, Darlton, Elkesley, Finningley, Gringley, North Leverton, South Leverton, Misterton (2), Scrooby, Sutton, Walkeringham, and South Wheatley.

No progress has been made during the year with the six schemes of sewerage and sewage disposal for fourteen parishes. Delay in obtaining authority to proceed with some of this work is gradually increasing the difficulties in the maintenance of sewer dykes, necessitating the construction of several expensive small Council House plants, which will in due course become redundant, and in certain parishes, causes extreme difficulty in the choice and development of the most suitable sites for housing purposes, particularly in the larger urbanised parishes such as Misterton, Tuxford, Ranskill, Walkeringham, Beckingham, and East Markham.

Milk and Dairies

Food and Drugs (Milk and Dairies) Act, 1944

No. of milk distributors (being persons trading as dairymen from premises other than dairy farms)	10
No. of dairies (not being dairy farms)	1

From enquiries received from cowkeepers regarding the reconstruction of cowsheds, dairies, etc., it would seem that, since the taking over of powers under the Milk and Dairies Orders from local sanitary authorities, the majority of milk producers no longer receive routine inspections of their premises by appropriate officers. The large majority of milk producers do not even appear to be aware of who is actually responsible for this work.

The Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949

Three Supplementary licences for the sale of pasteurised milk were issued during the year.

Five Dealer's licences for the sale of pasteurised milk were issued during the year.

Sterilised Milk

One Supplementary licence for the sale of sterilised milk was issued during the year.

Two Dealer's licences for the sale of sterilised milk were issued during the year.

The Milk (Special Designations) (Raw Milk) Regulations, 1949

Six Dealer's licences for the sale of Tuberculin Tested Raw Milk were issued during the year.

One licence issued by the Nottinghamshire County Council is in operation for the production of pasteurised milk in the district.

Registered Producers, etc.

The following information with regard to registered producers, etc., has been supplied by the County Milk Regulations Officer :—

Total number of registered producers in the district	..	416
Total number of Accredited producers in the district	..	19
Total number of Tuberculin Tested producers in the district		68

Slaughterhouses and Meat and Food Inspection

Under the Livestock (Restriction on Slaughtering) Order, 1940, which came into operation on January 15th, 1940, the twenty-six registered and licensed private slaughterhouses in the Rural District have temporarily fallen into disuse and the whole of the animal slaughtering for the Boroughs of East Retford and Worksop and the Rural Districts of East Retford and Worksop continues to be carried out at two centralised slaughterhouses situated in the Borough of East Retford, under the control of the Ministry of Food.

In accordance with the joint circular from the Ministry of Health and Ministry of Food, material assistance is given by the Council's Sanitary Inspectors in the inspection of meat at the two centralised slaughterhouses in Retford Borough.

There are three licensed knackers' yards in the Rural District. Licences in respect of these premises were renewed under Section 57, of the Food and Drugs Act, 1938, during the year.

These premises were inspected at frequent intervals and on only two occasions was it necessary to call attention to minor points regarding the control and working of such establishments.

Meat

Total number of inspections of shops, stalls, etc.	..	336
Number of unsatisfactory conditions found	..	4
Number of unsatisfactory conditions remedied	..	4
Total quantity of unsound meat condemned	..	10 lbs.

(Note). As the whole of the meat for the Rural District of East Retford is slaughtered at two slaughterhouses under the

control of the Ministry of Food in Retford Borough, where assistance is given to the Borough Sanitary Inspector, the number of inspections of shops and other retailer's premises is obviously much lower than before the war.

For information purposes, the following stock was slaughtered at the two slaughterhouses during the year :—

Cattle, 4,176 ; Sheep, 8,262 ; Pigs 1,305 ; Calves, 1,514

Other Foods

Number of inspections of shops, stalls, where food is prepared 182

Number of unsatisfactory conditions found 4

Number of unsatisfactory conditions remedied 3

Total quantities of food other than meat surrendered or seized during the year :—

Salmon (tins) ..	10	Dates	8 lbs.
Milk (tins) ..	20	Mixed Veg. (tins) ..	11
Soya Flour ..	2½ lbs.	Fruit (tins) ..	15
Oats	11 lbs.	Currants	14 lbs.
Tinned Ham ..	20 lbs.		

(Note). Detailed records of meat condemned at slaughterhouses is not included in this report as this is covered by the Borough Sanitary Inspector's records.

Slaughter of Animals Act, 1933

Owing to the slaughtering of animals for sale for human consumption now being centralised in Retford Borough, and the fact that the slaughterhouses in the Rural District are at the present time not in use, it was not found necessary to issue or renew any licences to slaughtermen.

Shops Acts

The number of shops on the Council's register is 144.

In only one instance was it necessary to serve a notice in respect of a minor contravention, which notice was complied with.

Bakehouses

The number of bakehouses in the district is 8 of which none are underground.

Number of inspections made 36

Number of Notices served 2

Number of Notices complied with 2

Infectious Disease and Disinfection

All houses at which cases of notifiable infectious disease requiring investigation have occurred have been visited and disinfection has been arranged in appropriate cases.

Cases of infectious disease requiring removal to hospital were sent to various isolation hospitals as arranged by the Sheffield Regional Hospital Board.

Public Scavenging

Complete scavenging by contract, including the emptying of dustbins, privies, and ashpits, pan closets and cesspools is carried out in Tuxford Parish. A new tumbler cart was ordered during the year but difficulty is being experienced by the manufacturers in obtaining the necessary material, and due to this and the contractor's difficulty in obtaining labour, the conditions can only be considered at the least primitive and unsatisfactory, in a large village situated on the Great North Road.

As soon as the proposed sewerage and sewage disposal scheme is allowed to proceed, every effort will be made to dispense with the emptying of night soil and absorb the dry refuse collection into the Council's direct labour scheme for the remaining 53 parishes.

Dry refuse is collected from all houses in the built-up areas of the other 53 parishes and from properties accessible to metalled roads between one parish and another. Since the general provision and distribution of proper dustbins by the Council and the carrying out of dustbins from premises by the workmen, very few complaints are received and the service now seems to be much appreciated by the residents, except in the isolated cases where dustbins are abused.

Five tips are in use in the Rural District at Finningley, Ranskill, Sutton, Walkeringham, and Gamston, and as these are used intermittently according to the districts being scavenged, additional work is often caused by the wilful misuse of these sites by unauthorised persons.

A further 55 premises were supplied with dustbins under the Council's hire scheme, and difficulty was being experienced towards the end of the year in obtaining further supplies of suitably protected receptacles, which will be required in the near future for necessary replacements. It is hoped that the shortage of suitable protective materials will not necessitate the provision of receptacles with shorter life.

Public Water Supplies.

A piped water supply is available for the built-up areas in all parishes in the Rural District, and the analyst's reports on weekly samples show the quality of the water to be satisfactory.

During peak draw-off periods, difficulty has been experienced in maintaining supplies and pressures at certain times in

Welham, Hayton, Clarborough, and Ranby, being parishes at the ends of long lengths of 3 ins main, and on occasions the supply has been intermittent. The Council's proposals to lay interconnecting mains between Jockey House and Ranby and also between Headon via Grove to Clarborough, will substantially remedy this difficulty and it is hoped that an early commencing date will be given to proceed with this and certain other work which has been submitted to the Ministry for approval.

The thirteen extension schemes outlined in last year's report have not yet been proceeded with and it is fast becoming increasingly essential that some of these, together with the augmentation of pumping capacity at Everton Waterworks, should be carried out at the earliest possible time. Tenders for the necessary larger pumps were being invited at the end of the year, and further representations will be made to the appropriate Ministry for the necessary authority to proceed with the most urgent parts of these schemes.

2,720 Yards of 3 ins. main was laid by direct labour from Darlton Village to Woodcotes to meet agricultural requirements and also 2,970 yards of 3 ins. main by direct labour from Cottam Village via Coates to Littleborough.

The approximate cost of these two main extensions was £1,964 and £2,152 respectively, towards which a grant of £175 is receivable from the Ministry of Agriculture and Fisheries in respect of the latter extension.

In January, No. 1 borehole pump at Everton Waterworks was withdrawn from the bore, thoroughly cleaned and overhauled, increasing the pumping rate from 13,000 to 18,000 gallons per hour.

A chlorine residual recorder has been installed at the pumping station in connection with the existing chlorinating equipment.

In view of the gradual housing development to the east of the storage reservoirs and water tower at Gringley-on-the-Hill, consideration was given by the Council to the acquisition of the further high-level remaining land to the West of the existing reservoir site, and negotiations are proceeding for the necessary interests in this land.

Water Samples

66 Samples were taken during the year for routine bacteriological examination. These samples all proved to be satisfactory and were taken from the following sources :—

Chlorinated water from East Retford R.D.C. Mains ..	44
Chlorinated water from Doncaster and Tickhill Joint Water Board Supply	6
Chlorinated water from Lincoln Corporation supply ..	10
Unchlorinated water from East Retford R.D.C. Pumping Station at Everton	6
	<hr/> 66 <hr/>

In addition, 8 samples for bacteriological examination were taken from new mains laid in Darlton and Cottam which proved unsatisfactory, but after further treatment, flushing, etc., subsequent routine samples proved satisfactory.

3 Samples for bacteriological examination were taken from two private well supplies and proved unsatisfactory. In each case notices were served on the owners to provide a satisfactory water supply.

In all 77 samples for bacteriological examination were taken.

A sample was taken of raw water from the boreholes at Everton on October 29th for full chemical, bacteriological and mineral analyses, and the analyst's report is as follows :—

Physical Examination

Appearance	Clear : bright
Colour	Colourless
Taste	Normal
Smell	None

General Chemical Examination

	<i>Parts per Million</i>
Reaction, pH	7.8
Free Carbon Dioxide	None
Ammoniacal Nitrogen as N	0.014
Albuminoid Nitrogen as N	0.032
Nitrous Nitrogen as N	None
Nitric Nitrogen as N	4.50
Hardness (calculated from Mineral Analysis) as CaCO ₃	131.1
Temporary	72.6
Permanent Hardness	40.5
Permanganate figure (4 hours at 80 deg. F) as O	0.48
Alkalinity as CaCO ₃	72.55
Total Solids	160.0

Mineral Analysis

Silica as SiO ₂	4.00
Iron Oxide and Alumina	1.20

Calcium as Ca	..	..	..	..	..	28.59
Magnesium as Mg	..	..	..	..	..	10.92
Sodium as Na	..	..	..	..	..	11.18
Carbonates as CO ₃	..	..	..	..	..	43.50
Chlorides as Cl	..	..	..	..	..	14.50
Nitrates as NO ₃	..	..	..	..	..	19.92
Sulphates as SO ₄	..	..	..	..	..	26.34
Iron as Fe	..	..	..	..	..	0.15

Probable Composition of Mineral Constituents :

Silica	..	..	..	..	..	4.00
Alumina and Iron Oxide	..	..	..	..	..	1.20
Calcium Carbonate	..	..	..	..	..	71.40
Magnesium Carbonate	..	..	..	..	..	0.97
Magnesium Sulphate	..	..	..	..	..	34.01
Magnesium Chloride	..	..	..	..	..	11.63
Sodium Chloride	..	..	..	..	..	9.63
Sodium Nitrate	..	..	..	..	..	27.31

160.15

Hardness — Temporary	..	..	..	..	72.6
Permanent	..	..	..	..	40.5

113.1

Bacteriological Examination

Temperature on arrival	..	..	..	..	15 deg. C
Number of colonies per ml. developing on Agar in :					
3 days at 22 deg. C	..	..	..	..	18
48 hours at 37 deg. C	..	..	..	..	1

B. Coli Test (MacConkey's Bile Salt Lactose Broth)

Probable number of coliform organisms per 100 ml. 0

Free Chlorine —

Remarks Satisfactory

There are no public standpipes in the Rural District, and the following table gives details of houses and populations supplied and not supplied with public water supply :

1. Estimated population East Retford Rural District	..	21,650
2. Estimated number of dwelling houses	..	5,966*
3. Estimated number of houses and population already supplied with piped water supply :		
Number of houses	..	5,238
Population	..	19,013

4. Estimated number of houses and population *not* at present supplied by piped water supply :

Number of houses	.. .. .	728
Population	.. .. .	2,637

* This total includes houses on Crown Property at Rampton State Institution, Mattersey Thorpe, and Daneshill R.O.F.

The following table gives details of estimated number of houses in each parish of the Rural District supplied with a piped water supply :—

<i>Parish</i>	<i>Estimated Total No. of Houses Supplied</i>		<i>Parish</i>	<i>Estimated Total No. of Houses Supplied</i>	
	<i>Houses</i>	<i>Houses</i>		<i>Houses</i>	<i>Houses</i>
Askham	.. 57	45	Leverton, S.	.. 117	94
Babworth	.. 177	84	Lound	.. 100	92
Barnby Moor	.. 67	58	Markham, E.	.. 249	235
Beckingham	.. 221	208	Markham, W.	.. 36	31
Bevercotes	.. 10	7	Marnham	.. 42	38
Bole	.. 44	44	Mattersey	.. 259	241
Bothamsall	.. 60	56	Misson	.. 191	156
Clarborough	.. 131	116	Misterton	.. 520	494
Clayworth	.. 115	112	Normanton	.. 85	70
Cottam	.. 26	21	Ragnall	.. 46	37
Darlington	.. 35	23	Rampton	.. 258	240
Drayton, E.	.. 52	49	Ranskill	.. 146	116
Drayton, W.	.. 81	78	Saundby	.. 31	20
Dunham	.. 74	74	Scaftworth	.. 25	17
Eaton	.. 34	33	Scrooby	.. 81	80
Elkesley	.. 103	77	Stokeham	.. 20	19
Everton	.. 199	169	Sturton	.. 147	116
Finningley	.. 147	133	Sutton	.. 112	99
Fledborough	.. 25	20	Torworth	.. 81	63
Gamston	.. 62	54	Treswell	.. 72	67
Gringley	.. 236	188	Tuxford	.. 411	391
Grove	.. 31	23	Walkeringham	.. 275	266
Haughton	.. 13	13	West Burton	.. 13	4
Hayton	.. 82	65	West Stockwith	.. 175	140
Headon	.. 49	44	Wheatley, N.	.. 108	108
Laneham	.. 81	74	Wheatley, S.	.. 17	17
Leverton, N.	.. 102	84	Wiseton	.. 35	35
TOTALS			5,966 5,238		

The following is a list of water supplies laid on during the year :—

Parish	Supplies to Houses		Meter supplies to
		Farms, etc.	Fields, etc.
Askham	2	1	
Babworth	1	1	
Barnby Moor	1	1	
Beckingham	6	1	
Bevercotes	—	1	
Bole	1	1	
Bothamsall	—	2	
Clarborough	—	5	
Clayworth	8	1	
Drayton, East	1	1	
Dunham	1	—	
Elkesley	—	1	
Everton	1	1	
Finningley	1	—	
Fledborough	1	—	
Gamston	1	—	
Gringley	2	—	
Hayton	1	1	
Headon	1	1	
Laneham	4	2	
Leverton, North	4	3	
Leverton, South	11	—	
Markham, East	—	4	
Marnham	1	—	
Misson	10	3	
Misterton	3	3	
Normanton	1	1	
Rampton	11	—	
Ranskill	—	2	
Saundby	1	1	
Stokeham	—	3	
Sturton	—	3	
Torworth	—	2	
Treswell	1	—	
Tuxford	1	2	
Walkeringham	7	—	
West Burton	—	1	
West Stockwith	2	—	
Wheatley, North	—	3	
Wheatley, South	7	1	
	—	—	
	93	53	

Of the estimated number of 728 houses at December, 1951, not at present supplied with a piped water supply, it is estimated that 160 of these can and will be supplied if the main extensions at present contemplated are carried out. Most of the remaining 568 houses, etc., are very scattered, isolated properties often as much as one mile or more from the nearest public main.

Food and Drugs Act, 1938 (Section 15)

Byelaws for "securing the observance of Sanitary and Cleanly Conditions and Practices in connection with the Handling, Wrapping, and Delivery of Food and Sale of Food in the Open Air," were adopted by the Council towards the end of the year and came into operation on October 22nd, 1951.

Copies of these byelaws have been circulated to occupiers of appropriate premises including shops, cafes, hotels, etc., and it is intended to follow this up with visits as early as possible with a view to assisting in the education of food handlers generally.

Housing

The Rural Housing Survey was completed during the year, with the following results :—

<i>Total No. of Houses Surveyed</i>	<i>Number Excluded from Survey</i>	<i>Categories</i>				
		1	2	3	4	5
4,429	1,269	832	894	1352	321	1030*

* These figures do not include houses on Crown Property but include some new houses nearing completion in parishes as surveyed.

Note :—

- Category* 1—Satisfactory in all respects.
 2—Minor defects.
 3—Requiring repair, structural alterations or improvement.
 4—Appropriate for reconditioning under the Housing (Rural Workers) Acts.
 5—Unfit for habitation and beyond repair at reasonable cost.

Informal Notices have been served in respect of 55 houses requiring repairs to be carried out in order to keep the properties habitable until formal activities can be resumed under the Housing Acts after the present housing accommodation emergency.

35 Houses have been repaired to a reasonable standard as the result of Informal action during the year.

Formal action was taken in one case under the Housing Act, 1936 (Section 11) resulting in a demolition order being made.

22 Houses on which Demolition Orders were outstanding have been demolished during the year.

Housing (Defence Regulation 68a)

Licences were renewed for the temporary use of three condemned cottages.

Overcrowding

Due to the ever floating population of part families and particularly "in-laws" it is almost impossible to state within any reasonable degree of accuracy the present position regarding overcrowding, although some of the worst cases are gradually being dealt with as new Council houses are being handed over by contractors.

Owing to the acute housing shortage (there being approximately 540 "live" applicants on the waiting list) no statistics on this subject would be correct for very long, and it is very doubtful if the present rate of housing progress is keeping up with the tendency for houses to become overcrowded.

New Houses

New permanent local authority houses have been completed and handed over by contractors during the year in the following parishes :—

South Leverton	..	..	..	5
Rampton (Treswell Road)	..	..	..	8
Normanton-on-Trent	..	..	..	3
South Wheatley	..	..	..	6
North Leverton	..	..	..	4
Finningley (Chapel Lane)	..	..	..	7
Beckingham (Station Road)	..	..	..	4
Misterton (Hillsyde Avenue)	..	..	..	8
Clayworth	..	..	..	5
Sutton	..	..	..	10
Total				60

Construction was proceeding on a further 115 dwellings at Sutton (12 houses), North Leverton (12 houses), South Leverton (5 houses), Dunham (10 houses), Gamston (8 houses), Mattersey (22 houses), Scrooby (8 houses), West Stockwith (8 houses), and Misson (30 houses).

Sites have been acquired and schemes are in course of preparation for the following parishes : East Markham (8 houses), Normanton (3 houses), Elkesley (22 houses).

Negotiations are proceeding for the acquisition of further sites in the following parishes :—

West Drayton ..	12 houses	Headon ..	8 houses
Ranskill ..	24 „	Hayton ..	6 „
Lound ..	8 „	Gringley ..	20 „
Everton ..	10 „	Clarborough ..	8 „
Tuxford ..	26 „	Sturton ..	6 „
East Markham ..	6 „		

14 Private enterprise dwellings were completed during the year, and work was proceeding rapidly on a further 12 dwellings.

Public Health Act, 1936 — Sections 268 and 269

Tents, vans, sheds, and similar structures for human habitation

10 New Licences were issued during the year.

15 Existing Licences were renewed.

3 Licences were withdrawn.

One Licence included in the 15 existing licences was transferred to a new applicant.

HOUSING SUMMARY

Number of houses erected during the year 1951 :—

- (1) By private enterprise without subsidy :—

Brick construction	14
Timber or other construction	Nil
- (2) By private enterprise with subsidy :—

(Brick construction)	Nil
------------------------------	-----
- (3) Units of accommodation provided by conversion and adaptation of existing buildings 10
- (4) By the Council :—

Brick construction	60
Units of accommodation provided by conversion of existing buildings	Nil

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) 1479
- (b) Number of inspections made for the purpose .. 1787

(2) (a)	Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	1188
(b)	Number of inspections made for the purpose ..	1188
(3)	Number of houses found to be in a state so dangerous or injurious to health as to be unfit for habitation	238
(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	565
2. Remedy of defects during the year without the service of Formal Notices		
	Number of dwelling houses rendered fit in consequence of Informal Action by the Local Authority or their officers	35
3. Action under Statutory Powers during the year		
(a)	Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936	Nil
(b)	Proceedings under the Public Health Acts ..	2
(c)	Proceedings under Sections 11 and 13 of the Housing Act, 1936	1
(d)	Proceedings under Section 12 of the Housing Act, 1936	Nil

SUMMARY

Complaints and Inspections

1.	Number of complaints received during the year ..	185
2.	Number of houses, premises, etc., inspected ..	3612
3.	Number of re-inspections of houses, premises, etc. ..	826

Results of Inspections

	<i>Notices Served</i>	<i>Statutory</i>	<i>Informal</i>
4. Abatement of Nuisances	1	25	
5. Provision of new drains, repairs, etc. ..	—	22	
6. Provision of Sanitary Accommodation repairs, etc.	—	15	
7. Provision of wholesome water	1	27	
	—	2	89
	—	—	—

Work carried out as a result of above Notices

8. Houses, premises, etc., cleansed	2
9. Drains to houses and buildings, new provided ..	11
10. Drains to houses repaired, cleansed, trapped, etc. ..	49
11. Water closets, new provided	12
12. Privies repaired	3
13. Removals of refuse	2
14. Sanitary Accommodation — Conversions :—	
Privies converted to pails	4
Pails converted to water closets	8

Water Supply

15. Pumps and wells repaired	—
16. Water Services repaired	15
17. New piped supplies from the public mains as the result of Informal Notices	10

Canal Boats Act

Number of Canal Boats inspected	—
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Legal Proceedings

Summonses	Nil
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At the end of this report will be found tables showing "Prevalence of and Control over Infectious Diseases," "Tuberculosis," "Infectious Diseases Notified According to Age," "Infectious Diseases Notified Month by Month," and particulars of infectious diseases and the villages in which they occurred.

I wish to express my deep appreciation of the co-operation and friendliness shown to me during the year by other Departments of the East Retford Rural District, and of the assistance given to me by Mr. Hunt, the Chief Sanitary Inspector, and his staff, and by my own office staff.

I am,

Your obedient servant,

JOHN TOLLAND,

Medical Officer of Health

FACTORIES ACTS, 1937 and 1948

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of			M/c line No. (7)
			Inspections (4)	Written notices (5)	Occupiers prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	1	27	21	2	—	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	60	29	1	—	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	—	—	—	—	3
Totals ..		87	50	3	—	

2. CASES IN WHICH DEFECTS WERE FOUND

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found			No. of cases in which prosecu- tions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	Referred To H.M. Inspector (5)	By H.M. Inspector (6)	
Want of cleanliness (S.1) ..	4	1	1			4
Overcrowding (S.2) ..	5					5
Unreasonable temperature (S.3)	6					6
Inadequate ventilation (S.4) ..	7					7
Ineffective drainage of floors (S.6)	8					8
Sanitary Conveniences (S.7)	9	2	2			9
(a) Insufficient ..	10					10
(b) Unsuitable or defective ..	11					11
(c) Not separate for sexes ..	12					12
Other offences against the Act (not including offences relating to Outwork) ..						
Totals ..	60	3	3			60

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES

Diseases	Total Notified	Admitted to Hospital	Total Deaths
Scarlet Fever ..	39	30(a) 2(b)	—
Malaria	—	—	—
Diphtheria	—	—	—
Pneumonia	32	—	22
Erysipelas	4	—	—
Puerperal Pyrexia ..	3	1(b)	—
Ophthalmia Neonatorum	—	—	—
Dysentery	—	—	—
Typhoid Fever ..	—	—	—
Cerebro-spinal Fever	—	—	—
Whooping Cough ..	87	1(b)	—
Measles	244	3(c)	—
Poliomyelitis			
Non-Paralytic ..	1	1(g)	—
Poliomyelitis-Paralytic	1	1(b)	—
Food Poisoning			
(Salmonella) ..	—	—	—
Influenzal Meningitis	—	—	—
Pulmonary Tuberculosis	15	1(d) 1(e)	3
Non-Pulmonary Tuberculosis ..	3	1(f)	3
Totals	429	42	28

- (a) North Carlton Isolation Hospital, Worksop
- (b) Doncaster Isolation Hospital
- (c) Forest Infectious Disease Hospital, Mansfield
- (d) Ransom Sanatorium, Rainworth
- (e) Newstead Sanatorium, Fishpool, Nr. Mansfield
- (f) City General Hospital, Sheffield
- (g) R.A.F. Hospital, Nocton Hall, Nocton

TUBERCULOSIS

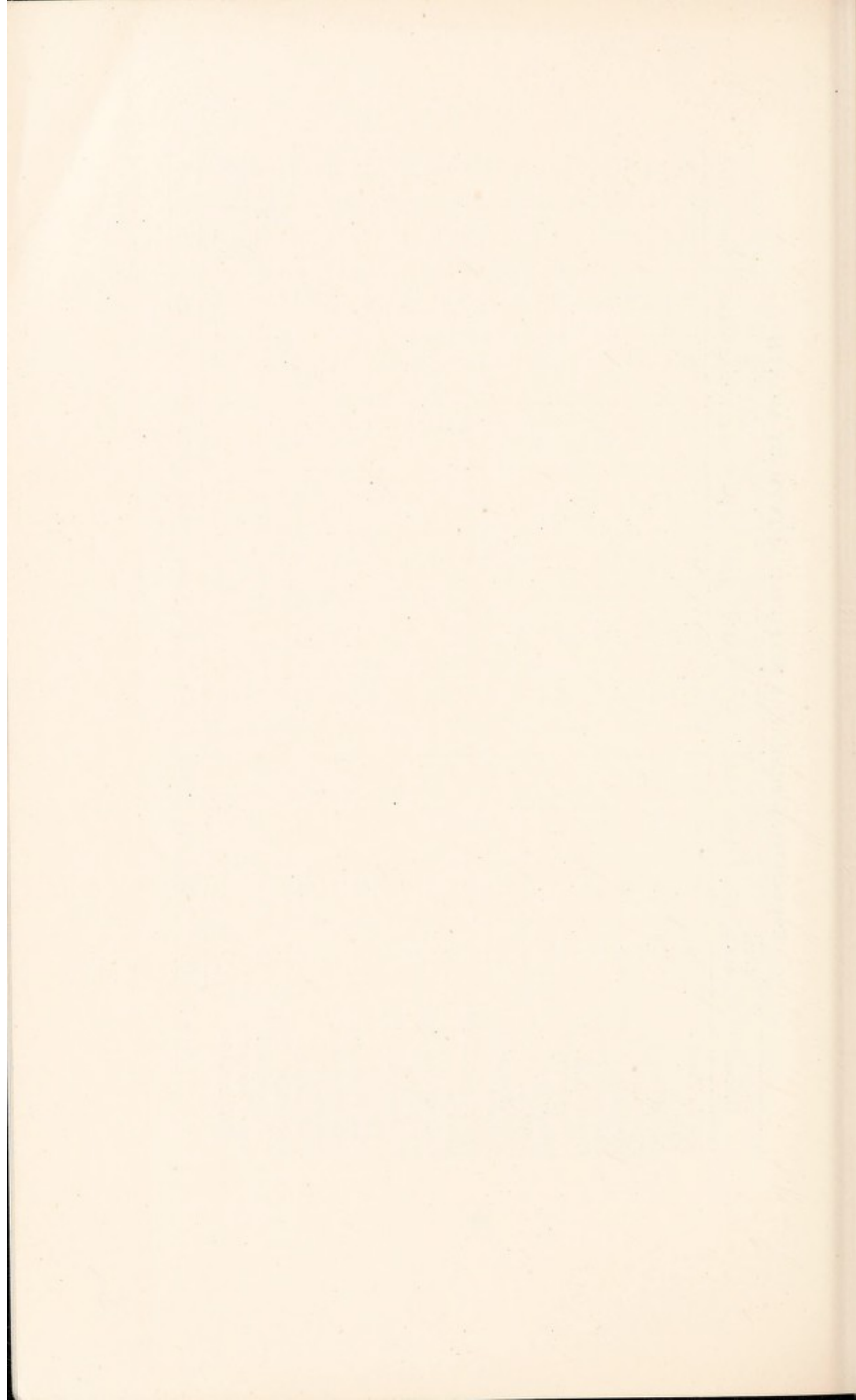
Age Periods			New Cases				Deaths			
			Pul-monary		Non-Pul-monary		Pul-monary		Non-Pul-monary	
			M	F	M	F	M	F	M	F
Under 1	..		—	—	—	—	—	—	—	—
1-2	..		—	—	—	—	—	—	—	—
2-3	..		—	—	—	—	—	—	—	—
3-4	..		—	—	—	—	—	—	—	—
4-5	..		—	—	—	—	—	—	—	—
5-10	..		—	—	1	1	—	—	—	—
10-15	..		—	—	—	1	—	—	—	1
15-20	..		4	—	—	—	—	—	—	—
20-35	..		5	3	—	—	—	1	—	1
35-45	..		—	1	—	—	—	—	—	—
45-65	..		1	1	—	—	—	1	1	—
65 and over	..		—	—	—	—	—	1	—	—
Totals			10	5	1	2	—	3	1	2

INFECTIOUS DISEASE NOTIFIED ACCORDING TO AGE

Diseases	At all Ages	under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and Over	Age unk'n
Scarlet Fever	39	1	—	2	4	2	22	6	1	1	—	—	—	—
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	32	1	—	—	1	—	6	1	1	2	4	9	7	—
Erysipelas	4	—	—	—	—	—	—	—	—	—	1	2	1	—
Puerperal Pyrexia	3	—	—	—	—	—	—	—	—	3	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	87	6	6	10	17	10	36	—	—	1	—	—	1	—
Measles	244	13	18	15	40	33	109	6	2	4	1	—	—	3
Poliomyelitis, Paralytic	1	—	—	1	—	—	—	—	—	—	—	—	—	—
Poliomyelitis Non-Paralytic	1	—	—	—	—	—	—	—	—	—	1	—	—	—
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(Salmonella)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenzal Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis	15	—	—	—	—	—	—	1	3	8	1	2	—	—
Non-Pulmonary Tuberculosis	3	—	—	—	—	—	2	1	—	—	—	—	—	—
Totals	429	21	24	28	62	45	175	15	7	19	8	13	9	3

INFECTIOUS DISEASES NOTIFIED MONTH BY MONTH

Disease	Total notif'd	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Scarlet Fever	39	5	2	3	2	1	3	7	1	2	8	3	2
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	32	9	3	5	1	1	2	—	1	1	5	2	2
Erysipelas	4	—	—	1	—	1	—	—	—	—	1	1	—
Puerperal Pyrexia	3	—	—	—	—	—	—	—	1	2	—	—	—
Ophthalmia	—	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	87	2	7	3	5	13	4	13	17	7	7	4	5
Measles	244	127	50	44	10	5	1	—	2	2	—	1	2
Poliomyelitis Non- Paralytic	1	—	—	—	—	—	—	—	—	1	—	—	—
Poliomyelitis Paralytic	1	—	—	—	—	—	—	—	—	—	1	—	—
Food Poisoning (Salmonella)	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenza	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis	15	—	—	3	4	2	—	3	—	1	1	—	1
Non-Pulmonary Tuberculosis	3	—	1	—	—	—	—	—	—	1	—	1	—
Totals	429	143	63	59	22	23	10	23	22	17	23	12	12



INFECTION DISEASES 1951

[illegible]

