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URBAN  
DISTRICT



COUNCIL  
OF

GAINSBOROUGH



# Annual Report

of the

MEDICAL OFFICER  
OF HEALTH

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**FOR THE YEAR 1961**



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# URBAN DISTRICT COUNCIL OF GAINSBOROUGH



**1961**

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**CHAIRMAN OF THE COUNCIL:**

Councillor J. E. L. Connell, J.P.

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**VICE-CHAIRMAN OF THE COUNCIL:**

Councillor L. J. Rainsforth

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**HEALTH COMMITTEE**

**Chairman:**

Councillor H. Coulson

Councillor R. Cater

Councillor R. Greenwood

Councillor F. A. Hearn

Councillor Mrs. A. Hill

Councillor C. B. Roofe

Councillor F. Spicksley

Councillor A. Theaker

Councillor C. W. Wilson

Councillor Mrs. J. Wright.

**CLERK OF THE COUNCIL:**

H. P. Dorey, Esq., A.C.C.S., Barrister-at-Law, resigned December.

## URBAN DISTRICT COUNCIL OF GAINSBOROUGH

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### HEALTH DEPARTMENT STAFF

Medical Officer of Health:

WILLIAM C. WARD,  
M.B., B.Ch., B.A.O., D.P.H.

Senior Public Health Inspector:

JOHN CARTER, A.M.I.P.H.E., M.A.P.H.I., resigned in January  
JOHN McKECHNIE, M.A.P.H.I., commenced March

1. Certificate of the Royal Sanitary Association (Scot) in Sanitary Inspectorship.
2. Certificate of the Royal Sanitary Association (Scot) in Inspection of Meat, Meat Products and Fish.
3. Diploma of University of Technology (Glasgow) in Microbiology, Pure and Applied.
4. City and Guild of London Certificate in Boilerhouse Practice and smoke abatement.
5. Royal Society of Health Certificate of Smoke Inspector.

A. J. ROBINSON, M.A.P.H.I.

Additional Public Health Inspector:

1. Certificate of the Royal Sanitary Institute and Sanitary Inspectors' Examination Joint Board.
2. Royal Society of Health. Certificate as Inspector of Meat and Other Foods.
3. Liverpool University School of Hygiene Certificate in Sanitary Science.
4. Liverpool University School of Hygiene Certificate of Meat and Other Foods.

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Pupil Public Health Inspector:

M. S. EDWARDS

Clerks:

Miss C. PICKWELL

J. B. ROWE, commenced October.

# ANNUAL REPORT

of the

## Medical Officer of Health

for the year 1961

### TO THE CHAIRMAN AND MEMBERS OF THE URBAN DISTRICT COUNCIL OF GAINSBOROUGH

Public Health Department,  
12, Lord Street,  
Gainsborough.  
Tel. No. 2381

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting my Annual Report for the year 1961 on the health and sanitary circumstances of your district.

#### VITAL STATISTICS

The vital statistics are good and compare favourably with those for the country as a whole.

#### INFECTIOUS DISEASES

The number of cases notified during the year was 317.

The figure this year is quite high and is due to an unusually large measles epidemic. Fortunately the mortality rate for this disease is low and only one child died of the disease.

One death from Pulmonary Tuberculosis occurred during the year. This was a young woman who, though in failing health, refused to attend for medical examination. Her relatives and husband could not persuade her to attend her doctor and eventually she was admitted to hospital in extremis, where she died very shortly after admission. It does seem tragic that she left treatment too late, especially as this disease, if seen early enough, can now be cured.

This girl worked in a firm with thirty-three other staff. Through the excellent co-operation of the management all were Heaf Tested at the firm. All were positive and referred to the chest clinic where Dr. J. B. Wilkinson, the chest Physician, examined them and had them all x-rayed. Fortunately, no

further cases were found. Of the thirty-three employees, fifteen were under twenty-one, which is a period when the chances of contracting pulmonary tuberculosis are relatively high. Six of these, the youngest ones, had been B.C.G. vaccinated against tuberculosis before they left school. This will have given some definite protection to these girls and will have been a factor in limiting the spread of the disease. The parents of these girls must have been pleased that they did accept this vaccination when it was offered through the school health service.

#### **IMMUNISATION AND VACCINATION**

The numbers who have their children immunised and vaccinated against various disease has been good and it is gratifying to all engaged in preventive medicine to see such a good response by parents. Though good, the figures could be better, and all parents are urged to avail themselves of the protection for their children which is offered by immunisation and vaccination.

#### **THE PUBLIC HEALTH ACT, 1961**

This Act is the first major one dealing with the law on public health since the Public Health Act, 1936. The main provisions of the Act deal with Sanitation and Building, Prevention and Notification of disease, Trade effluents and Miscellaneous provisions.

The sections making provision for the replacement of building byelaws by natural building regulations make the most drastic change in the law. The making of building byelaws has been a power of local Authorities under the Public Health Act of 1936. The new Act provides for the repealing of this power and the replacement of local building byelaws by building regulations to be made by the Minister of Housing and Local Government. These regulations will apply to the whole of England and Wales with the exception of the administrative County of London.

The sections dealing with sanitation are aimed at making it possible for local Authorities and their officers to deal more expeditiously with matters such as choked or defective drainage systems.

The sections dealing with building and structures provide for emergency measures to deal with dangerous and defective buildings where there is "unreasonable delay in remedying of the defective state." A new section deals with what were usually eyesores. By section 27 a local authority are empowered, in the case of a building or structure "which is by reason of its ruinous or dilapidated condition seriously detrimental to the amenities of the neighbourhood" to serve a notice on the owner requiring him either to execute works of repair or restoration or to demolish the building or structure and remove the material resulting from the demolition. An Authority may similarly

serve a notice requiring the tidying up of a neglected site which is in such a condition as to be seriously detrimental to the amenities of the neighbourhood.

Many of the miscellaneous provisions and other sections of the Act are derived from provisions which have been included in local Acts. These local Act provisions having been tried and tested and found satisfactory for general application are now incorporated in this Act and extended to all local Authorities. Some of these are powers to reduce numbers of pigeons and other birds in built-up areas, Bye-laws as to hairdressers and barbers, and increasing the maximum cost that a householder may be required to contribute towards the cost of providing a piped water supply for his house under Section 138 of the 1936 Act, from £20 to £60.

The Act with the exception of the part dealing with building regulations and a section on the use of cleansing vehicles on footways came into force on October 3rd.

The provisions about trade effluents extends the powers of local Authorities to make changes for such effluents and to attach conditions or any existing conditions, to their consent for discharges of trade effluents. They extend the definition of trade effluent to include effluents from land and premises used for agricultural and horticultural purposes and for scientific research and experiment.

#### **CANCER OF THE LUNG**

For several years I have mentioned in my report the increase in cancer of the lung which is occurring and which is of great concern to all in preventive medicine. This year our deaths from cancer of the lung are the highest we have ever recorded. I have also drawn attention to the fact that evidence points to there being an association between cancer of the lung and smoking. Many do not wish to listen to this and are all too keen to try to find some other cause and, I should dare to say, some excuse for not giving up smoking.

#### **STAFF**

Mr. Carter, Senior Public Health Inspector, tendered his resignation on the 11th January, 1961, following his appointment as Surveyor and Chief Public Health Inspector with the Rural District Council of Gainsborough. Mr. Carter had been 13 years with the Council and was a most efficient and respected member of your staff. He was well known to, and liked by, the public, thus he succeeded in effecting most of the necessary improvements in the town by suggestion rather than statutory compulsion. He was a loyal colleague to work with and will be missed by all in the Health Department. We all wish him every success in his new appointment.



Mr. J. McKechnie was appointed to the position of Senior Public Health Inspector and took up duties on 3rd March, 1961. We were fortunate in securing the services of such an experienced and well qualified person. He has settled into the Department now and his work during the past year has proven his efficiency.

I should particularly like to thank Mr. Robinson for the manner in which he took charge of the Health Department after Mr. Carter left. It was a difficult period, our refuse collection services were under strain, and he spent many extra hours at work supervising and reorganising the service. He did a very fine job.

Mr. Edwards was appointed Pupil Public Health Inspector in August. He has been very diligent and studious and I am sure will carry on and be successful in his future examinations.

I am grateful to many of my colleagues for the information concerning their departments included in this report. I should particularly like to thank the Lindsey County Medical Officer, Dr. C. D. Cormac, and his staff for their help and co-operation, and Mr. McKechnie, my Chief Public Health Inspector, who got together quite a considerable amount of the details and information presented in this report.

I should also like to express my thanks to the Chairman and Members of the Health Committee and Members of the Council for their support during the year.

Finally I wish to record my thanks to the staff of my own department.

I am,

Your Obedient Servant,

WILLIAM C. WARD,

Medical Officer of Health.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area of the Urban District.....	2,406 acres
Estimated Population .....	17,170
Number of inhabited houses end 1961.....	5,531
Rateable Value .....	£203,129
Sum represented by 1d. Rate.....	£845/0/5

Gainsborough is an old market town situated on the bank of the River Trent. The principal industries are Engineering, Timber, Malting and Milling, and the manufacture of wearing apparel.

### METEOROLOGICAL CONDITIONS

Records of rainfall and temperature are kept by the Geography Department of the Castle Hills Secondary Modern School. I should like to thank the Headmaster, Mr. R. M. Underhill, for the following information.

#### SUMMARY OF METEOROLOGICAL CONDITIONS FOR 1961

Month	RAINFALL		TEMPERATURE	
	No. of inches	No. of days on which rain fell	Maximum Temperature °F	Minimum Temperature °F
January ....	2.51	16	54.0	26.0
February ....	1.07	11	57.0	31.0
March ....	0.42	7	67.0	28.0
April ....	2.82	18	64.0	32.0
May ....	0.89	9	72.0	36.0
June ....	1.65	8	82.0	38.0
July ....	2.59	12	78.0	44.0
August ....	3.77	21	84.0	42.0
September ....	1.45	12	78.0	40.0
October ....	2.39	19	66.0	38.0
November ....	1.20	18	56.0	26.0
December ....	1.21	17	55.0	18.0

Monthly Average of rainfall — 1.83 inches  
 Heaviest rainfall for one month — August — 3.77 inches  
 Lowest rainfall for one month — March — 0.42 inches

## VITAL STATISTICS

Vital statistics are calculated on estimated population as supplied by the Registrar General.

### Births

	Total	Male	Female
Live Births—Legitimate	295	147	148
Illegitimate	17	10	7
<b>Totals</b>	<b>312</b>	<b>157</b>	<b>155</b>

	Total	Male	Female
Still Births—Legitimate	8	5	3
Illegitimate	1	1	—
<b>Totals</b>	<b>9</b>	<b>6</b>	<b>3</b>

	Gainsborough U.D.C.	England & Wales
Birth Rate per 1,000 population :		
Live Births	18.18	17.4
Still Births	0.524	0.345
Still Birth Rate per 1,000 total live and still births	28.03	19.1

### Deaths

	Total	Male	Female
All Causes ....	243	114	129

	Gainsborough U.D.C.	England & Wales
Revised death rate per 1,000 population ....	14.15	12.0
Maternal Mortality :		
Deaths from pregnancy, childbirth, abortion ....	1	277
Mortality Rate per 1,000 total (live and still) births ....	3.11	0.338

### Infant Deaths

	Total	Male	Female
Under 1 year —Legitimate	7	5	2
Illegitimate	—	—	—
<b>Totals</b>	<b>7</b>	<b>5</b>	<b>2</b>

	<b>Total</b>	<b>Male</b>	<b>Female</b>
Under 4 weeks—Legitimate	5	4	1
Illegitimate	—	—	—
<b>Totals</b>	<b>5</b>	<b>4</b>	<b>1</b>

	<b>Total</b>	<b>Male</b>	<b>Female</b>
Under 1 week     ....     ....     ....	5	4	1

**Infant Mortality Rate**  
(*i.e.* under 1 year)

	<b>Gainsborough U.D.C.</b>	<b>England &amp; Wales</b>
All infants per 1,000 live births	22.43	21.6
Legitimate infants per 1,000 legitimate births     ....     ....	23.73	
Illegitimate infants per 1,000 illegitimate births     ....     ....	Nil	

**Neo-natal Mortality Rate**  
(*i.e.* under 4 weeks)

All infants per 1,000 live births	16.02	15.5
Legitimate infants per 1,000 legitimate births     ....     ....	16.94	
Illegitimate infants per 1,000 illegitimate births     ....     ....	Nil	

**Peri-natal Mortality Rate**  
(*i.e.* Still Births and deaths under  
1 week per 1,000 total births)

	43.61	32.2

COMPARATIVE TABLE

URBAN DISTRICT OF GAINSBOROUGH	Live Births		Deaths (All causes)		Still Births		Maternal Mortality		Infant Mortality			
	No. regis- tered	Rate per 1000 pop'n	No. regis- tered	Rate per 1000 pop'n	No. regis- tered	Rate per 1000 total births	No. of deaths regis- tered	Rate per 1000 total births	Total		Neo-Natal	
									No. of deaths regis- tered	Rate per 1000 live births	No. of deaths regis- tered	Rate per 1000 live births
Population 17,170												
Year 1961	312	*18.72	243	±11.16	9	28.03	1	3.11	7	22.43	5	16.02
Year 1960	327	18.94	239	11.57	5	15.06	Nil	Nil	6	18.35	5	15.29
Year 1959	308	19.08	225	8.84	6	19.11	Nil	Nil	6	19.48	6	19.48
Year 1958	292	17.71	247	11.68	10	33.11	Nil	Nil	7	23.97	5	17.12
Year 1957	277	16.80	216	10.44	6	21.2	Nil	Nil	10	36.1	6	21.66
Year 1956	329	19.52	240	12.38	9	26.63	Nil	Nil	14	42.55	12	36.84
Average 5 years — 1956 — 1960	—	18.41	—	10.98	—	23.02	—	—	—	28.09	—	22.08

\* 1961 standardised live birth rate (comparability factor, 1.03)

‡ 1961 standardised death rate (comparability factor, 0.86)

Summary of the Principal Causes of Death, 1961

(Registrar-General's Official Returns, 1961)

All Causes 243 — Males 114, Females 129.

	Causes of Death	Males	Females	Total
1	Tuberculosis, respiratory	—	1	1
2	Tuberculosis, other	1	—	1
3	Syphilitic disease	—	—	—
4	Diphtheria	—	—	—
5	Whooping Cough	—	—	—
6	Meningococcal infections	—	—	—
7	Acute poliomyelitis	—	—	—
8	Measles	—	1	1
9	Other infective and parasitic diseases	—	—	—
10	Malignant neoplasm, stomach	3	4	7
11	Malignant neoplasm, lung, bronchus	11	1	12
12	Malignant neoplasm, breast	1	3	4
13	Malignant neoplasm, uterus	—	—	—
14	Other malignant and lymphatic neoplasms	10	6	16
15	Leukaemia, aleukaemia	1	—	1
16	Diabetes	—	—	—
17	Vascular lesions of nervous system	17	29	46
18	Coronary disease, angina	27	20	47
19	Hypertension with heart disease	1	3	4
20	Other heart disease	7	18	25
21	Other circulatory diseases	3	5	8
22	Influenza	1	1	2
23	Pneumonia	6	6	12
24	Bronchitis	6	7	13
25	Other diseases of respiratory system	1	1	2
26	Ulcer of stomach and duodenum	1	—	1
27	Gastritis, enteritis, and diarrhoea	1	1	2
28	Nephritis and nephrosis	—	1	1
29	Hyperplasia of prostate	1	—	1
30	Pregnancy, childbirth, abortion	—	1	1
31	Congenital malformations	—	1	1
32	Other defined and ill-defined diseases	12	15	27
33	Motor vehicle accidents	—	1	1
34	All other accidents	3	2	5
35	Suicide	—	1	1
36	Homicide and operations of war	—	—	—
		114	129	243

## ENGLAND AND WALES

**BIRTH and DEATH-RATES, and ANALYSIS OF MORTALITY during the year 1961.**  
(Provisional figures based on Registrar-General's Weekly and Quarterly Returns)

	Birth-Rate per 1,000 Population		Annual Death-Rate per 1,000 Population						Rate per 1,000 Live Births		Rate per 1,000 total (live and still) Births	
	Live Births	Still-Births	All Causes	Tuberculosis (all forms)	Coronary and Arteriosclerotic (Heart Disease)	Cancer (Lung & Bronchus)	Cancer (Other)	Infant Mortality	Neo-Natal Mortality	Peri-Natal Mortality	Maternal Mortality	
<b>Gainsborough Urban District</b> (Estimated home population mid-1961 — 17,170)	18.18	0.524 (15.06(a))	14.15	0.118	2.77	0.71	1.65	22.43	21.9	43.61	3.11	
<b>England and Wales</b> (Estimated home population mid-1961 — 46,166,000)	17.4	0.336 (19.1 (a))	12.0	0.07	2.07	0.49	1.66	21.6	15.5	32.2	0.338	

(a) per 1,000 total (live and still) births.

## INFANT MORTALITY

Infant deaths under one year of age for 1961 were seven. The causes of these deaths are listed.

CAUSES OF DEATH	Under one week	Under one month	Under three months	Under six months	Under nine months	Total under one year
All Causes	5	—	—	1	1	7
Bronhco-pneumonia	—	—	—	1	1	2
Cerebral Haemorrhage	1	—	—	—	—	1
Prematurity	4	—	—	—	—	4

	Gainsborough U.D.C.	England & Wales
Infant Mortality Rate ( <i>i.e.</i> Deaths under 1 year per 1,000 live births) ....	22.43	21.6
Neo-natal Mortality Rate ( <i>i.e.</i> Deaths under 4 weeks per 1,000 live births) ....	16.02	15.5
Peri-natal Mortality Rate ( <i>i.e.</i> Still births and deaths under 1 week per 1,000 total live and still births) ....	43.61	32.2



## MATERNAL MORTALITY

One maternal death occurred during the year.

Table showing the total number of births (live births plus still births) and the total number of maternal deaths.

Year	Total Number of Births	Number of Maternal Deaths
1961 .....	321	1
1960 .....	332	Nil
1959 .....	314	Nil
1958 .....	302	Nil
1957 .....	283	Nil
1956 .....	338	Nil

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

### A. SERVICES PROVIDED BY THE COUNTY COUNCIL.

County Medical Officer of Health:

Dr. C. D. Cormac, M.A., B.M., B.Ch., D.P.H.  
Public Health Dept., County Offices, Lincoln.

**Health Information.** Enquiries relating to local health services may be made of the Medical Officer of Health, Council Offices, 10/12, Lord Street, Gainsborough.

Many various facilities are available under the following headings:—

Maternity Service.

Child Care.

Home Nursing.

Health Visitors.

Home Helps.

Sick Room Requisites, Appliances and other Equipment.

Vaccination and Immunisation.

Mental Health.

Ambulance Service.

Minor Ailment Clinics for School Children.

Infant Welfare Centres and Ante-natal Clinics.

Welfare Services for the Aged and the Handicapped.

The County Council's clinics function at Gainsborough as follows:—

#### (a) At Spital Terrace Clinic

School Clinic ... ..	Tuesdays 2-0 p.m.
Infant Welfare Centre ...	Thursdays 2-0 p.m.
Toddlers Clinic ... ..	1st Thursday and 4th Monday in each month 10-0 a.m.
Vaccination and Immunisation ... ..	By appointment.
Sunlight Clinic ... ..	Mondays and Thursdays 2 p.m.
Distribution of Welfare Foods ... ..	Tuesdays, Thursdays and Fridays.
Domestic Help Service ...	Apply: Welfare Offices, Church Street.

**(b) At Woods Terrace Clinic.**

Infant Welfare Centre ...	Mondays 2-0 p.m.
Toddlers Clinic ... ..	2nd Monday and 3rd Thursday 9-30 a.m. to 12 noon.
Immunisation ... ..	1st Tuesday in each month.
Mothercraft and Relaxation Class ... ..	1st and 3rd Friday in each month 2 p.m.
Ante-Natal for Maternity Home Patients ... ..	Tuesdays 1-30 p.m.

The County Council as the Local Education Authority is responsible for the School Health Service. In addition to the clinics mentioned above, specialist services are arranged, with the co-operation of the child's family doctor, through the hospital services.

**B. SERVICES PROVIDED BY THE LOCAL EXECUTIVE COUNCIL.**

These consist of General Practitioner medical and obstetrical care, with the provision of medicines, drugs and medical and surgical appliances; dental care and a supplementary eye service with provision for the testing of eyesight and the supply of glasses.

**C. SERVICES PROVIDED BY THE REGIONAL HOSPITAL BOARD.**

Hospital and Specialist services are provided by the Sheffield Regional Hospital Board. They are responsible for the adequate provision of all forms of treatment in both general and specialised hospitals. This is provided both on an in-patient and out-patient basis.

## HOUSING STATISTICS

### Total Number of New Houses erected during the year

(1) By the Local Authority	....	....	....	....	....	—
(2) By other Local Authorities	....	....	....	....	....	—
(3) By other bodies or persons	....	....	....	....	....	25
(4) Number allocated for replacing houses subject to Demolition Orders	....	....	....	....	....	—

### Rent Act, 1954-57

Number of certificates of disrepair issued	....	....	....	....	....	—
--	------	------	------	------	------	---

### Inspection of Dwellinghouses during the year—

(a) Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts)	....	....	....	....	....	111
(b) Number of inspections made for the purpose	....	....	....	....	....	615

### Remedy of defects during the year without service of formal Notices—

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers	....	....	....	....	....	30
--	------	------	------	------	------	----

### Action under Statutory Powers during the year—

(1) Proceedings under Public Health Acts :—						
(a) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied	....	....	....	....	....	91
(b) Number of dwellinghouses in which defects were remedied after service of formal notices :—						
(i) by owners	....	....	....	....	....	32
(ii) by Local Authority in default of owners	....	....	....	....	....	—
(2) Proceedings under the Housing Acts :—						
(a) Number of dwellinghouses in respect of which notices were served requiring repairs	....	....	....	....	....	—
(b) Number of dwellinghouses which were rendered fit after service of formal notices :—						
(i) by owners	....	....	....	....	....	—
(ii) by Local Authority in default of owners	....	....	....	....	....	—
(iii) Number of unfit houses purchased by Local Authority in accordance with the Housing Acts	....	....	....	....	....	—
(3) Slum Clearance — proceedings under the Housing Acts :—						
(a) Number of dwellinghouses in respect of which Demolition Orders were made.	....	....	....	....	....	—
(b) Number of dwellinghouses demolished in pursuance of Demolition Orders	....	....	....	....	....	—
(c) Number of dwellinghouses, or parts, subject to Closing Orders	....	....	....	....	....	—
(d) Number of dwellinghouses, or parts, rendered fit by undertakings	....	....	....	....	....	—
(e) Number of dwellinghouses included in confirmed clearance orders	....	....	....	....	....	—
(f) Number of dwellinghouses demolished in pursuance thereof	....	....	....	....	....	—
(g) Total number of dwellinghouses on which Demolition Orders are operative and which are still occupied except under the provisions of Section 34, 35 and 46 of the Housing Act, 1957	....	....	....	....	....	—
(h) Total number of Dwellinghouses occupied under Sections 34, 35 and 46 of the Housing Act, 1957	....	....	....	....	....	—
(i) Houses demolished or closed voluntarily by owners which would otherwise have been subject of statutory action to secure demolition or closure	....	....	....	....	....	3

(4)	Nissen Huts or other similar Hutments :—	
(a)	Number still occupied	9
(b)	Date at which it is anticipated occupants will be rehoused	not known
(5)	Estimated number of dwellings, excluding those under paragraph (4) above, remaining to be dealt with under :—	
(a)	The Housing Act, 1957, Sections 16 and 18	3
(b)	The Housing Act, 1957, Section 42	472

**Housing Acts—Overcrowding.**

(a)	(i)	Number of cases of overcrowding relieved during the year	—
	(ii)	Number of persons concerned in such cases	—
(b)	(i)	Number of dwellings overcrowded at the end of the year	3
	(ii)	Number of families dwelling therein	3
	(iii)	Number of persons dwelling therein	22

**Housing Acts, 1949-59.**

Number of dwellings for which applications for grants have been received :		
(a)	Standard Grant	43
(b)	Discretionary Grant	55
Number of dwellings subject to grant :		
(a)	Standard Grant	49
(b)	Discretionary Grant	58
Number of houses owned by local authority which have been the subject of grant aid by the Ministry		
		—

**Moveable Dwellings, Tents, Vans, etc.**

Caravan Sites and Control of Development Act, 1960		
	Number of site licences	1
	Total number of caravans permitted under such licences	3
	Number of inspections during the year — Sites	5
	— Caravan	5
	Number of contraventions remedied	—

**PREVALENCE OF, AND CONTROL OVER INFECTIOUS  
AND OTHER DISEASES**

The number of cases of infectious disease (excluding Tuberculosis) notified was 317 compared with 50 in 1960

Details of infectious diseases are as follows:—

TABLE I

Disease	Number of Cases Notified
Measles .....	283
Pertussis .....	16
Influenzal Pneumonia .....	11
Scarlet Fever .....	1
Lobar Pneumonia .....	2
Puerperal Pyrexia .....	1
Dysentery .....	2
Salmonella .....	1
Total	<u>317</u>

TABLE II.

DISTRIBUTION IN WARDS

Disease	North	Market	Central	South
Measles .....	72	117	41	53
Pertussis .....	4	4	3	5
Influenzal Pneumonia	4	6	1	—
Scarlet Fever	—	1	—	—
Lobar Pneumonia	1	—	—	1
Puerperal Pyrexia	—	—	—	1
Dysentery	1	—	—	1
Salmonella	—	1	—	—

LABORATORY FACILITIES

Bacteriological examinations are carried out by the Public Health Laboratory at Lincoln.

**TABLE III**  
**AGE INCIDENCE OF INFECTIOUS DISEASE**

	Measles	Pertussis	Influenzal Pneumonia	Scarlet Fever	Lobar Pneumonia	Puerperal Pyrexia	Salmonella
0—1 .....	12	2	—	—	—	—	—
1—2 .....	29	2	—	—	—	—	1
2—3 .....	26	1	1	—	—	—	—
3—4 .....	43	3	—	1	—	—	—
4—5 .....	58	1	1	—	—	—	—
5—10 .....	109	7	2	—	—	—	1
10—15 .....	1	—	—	—	—	—	—
15—20 .....	—	—	1	—	—	—	—
20—35 .....	—	—	1	—	1	1	—
35 Upwards .....	—	—	5	—	1	—	—
Age Unknown .....	5	—	—	—	—	—	—
<b>Totals ...</b>	<b>283</b>	<b>16</b>	<b>11</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>

**TABLE IV**  
**MONTHLY DISTRIBUTION OF INFECTIOUS DISEASE**

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
	111	86	47	19	12	2	2	3	1	—	—	—	... 283
Measles .....	13	1	—	—	—	1	—	1	—	—	—	—	... 16
Pertussis .....	3	2	1	1	1	2	—	—	1	—	—	—	... 11
Influenzal Pneumonia	—	1	—	—	—	—	—	—	—	—	—	—	... 1
Scarlet Fever .....	—	1	—	—	—	—	—	—	—	—	—	—	... 1
Lobar Pneumonia .....	—	—	—	—	—	—	—	—	—	1	—	—	... 2
Puerperal Pyrexia .....	—	—	—	—	—	—	—	—	1	—	—	—	... 1
Dysentery .....	—	—	—	—	—	—	—	—	1	—	—	1	... 2
Salmonella .....	—	—	—	—	—	—	—	—	1	—	—	—	... 1
Tuberculosis													
(Respiratory) ...	1	1	—	—	—	—	—	—	2	3	1	1	... 9
Totals ...	128	92	48	20	13	5	2	4	7	4	1	2	... 326



## TUBERCULOSIS

There were nine new cases of Pulmonary Tuberculosis notified during the year. There were no new cases of Non-Pulmonary Tuberculosis. One death from Pulmonary Tuberculosis occurred. One death from Non-Pulmonary Tuberculosis occurred.

Table (a) shows the incidence of new cases and deaths as regards age and sex. Table (b) is a copy of the Tuberculosis Register.

### TUBERCULOSIS, 1961

Table (a) — New Cases and Deaths.

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year	—	—	—	—	—	—	—	—
1-2 years	—	—	—	—	—	—	—	—
2-3 years	—	—	—	—	—	—	—	—
3-4 years	—	—	—	—	—	—	—	—
4-5 years	—	—	—	—	—	—	—	—
5-10 years	—	—	—	—	—	—	—	—
10-15 years	—	—	—	—	—	—	—	—
15-20 years	2	1	—	—	—	—	—	—
20-35 years	—	—	—	—	—	1	—	—
35-45 years	—	1	—	—	—	—	—	—
45-65 years	4	1	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	1	—
Totals	6	3	—	—	—	1	1	—

Table—(b)— TUBERCULOSIS REGISTER, 1961

	Pulmonary			Non-Pulmonary			Grand Total		
	M	F	T	M	F	T	M	F	T
<b>On Register 31/12/60</b>	49	24	73	8	10	18	57	34	91
Additions :									
Primary Notifications	6	3	9	—	—	—	6	3	9
Posthumous Notifications	—	—	—	—	—	—	—	—	—
Transfer from other areas	—	—	—	—	—	—	—	—	—
Returned to the District	—	—	—	—	—	—	—	—	—
Transfer from other sections	—	—	—	—	—	—	—	—	—
<b>Total Additions</b>	<b>6</b>	<b>3</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>3</b>	<b>9</b>
Deductions :									
Deaths	—	1	1	1	—	1	1	1	2
Left the District	1	—	1	—	—	—	1	—	1
Recovered	1	—	1	1	—	1	2	—	2
Diagnosis not confirmed	—	—	—	—	—	—	—	—	—
Transfer to other sections	—	—	—	—	—	—	—	—	—
<b>Total Deductions</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>5</b>
<b>On Register 31/12/61</b>	<b>53</b>	<b>26</b>	<b>79</b>	<b>6</b>	<b>—</b>	<b>16</b>	<b>59</b>	<b>36</b>	<b>95</b>

**CHEST CLINIC.**

A chest clinic is held at the John Coupland Hospital each Tuesday and Thursday afternoon. I am indebted to Dr. J. B. Wilkinson, Consulting Chest Physician, for the following information:

	<b>1961</b>	<b>1960</b>	<b>1959</b>	<b>1958</b>	<b>1957</b>
Attendances .....	1497	1339	1386	1520	1710
New Cases .....	247	226	252	160	228

	<b>Non-Respiratory</b>	
	<b>Respiratory</b>	<b>Respiratory</b>
New notified cases of tuberculosis .....	9	—
Number of cases "Transferred in" .....	1	—
Clinic:		
1st January, 1961 .....	53	6
31st December, 1961 .....	54	5

These figures show that the majority of new cases attending the clinic are not suffering from tuberculosis. The chest clinic of today has replaced the old Tuberculosis Dispensary, and provides for the diagnosis and treatment of all diseases manifest in the chest. This has many advantages, one of the most important being that the stigmata and unpleasant associations so often connected with the word "tuberculosis" are avoided and patients are less fearful of attending the clinic.

Much preventive work is carried out at the chest clinic. Cases are supervised to prevent relapses and contacts are examined and watched to prevent the development of active disease. All school children who are found with a positive reaction to the test given prior to B.C.G. vaccination are seen and X-rayed by the Chest Physician to make sure they have not got active disease. I am most grateful to Dr. Wilkinson for his help and support in this matter.

**VENEREAL DISEASE.**

Special treatment clinics are held at the John Coupland Hospital every Friday evening from 6 to 7 p.m.

Details of attendances in 1961 are given below:

The following cases were dealt with during the year 1961/62:

<b>Male:</b>	Late Syphilis .....	1
	Gonorrhoea .....	2
	Non Specific Urethritis .....	4
	Other Conditions .....	2
<b>Female:</b>	Late Syphilis .....	1
	Congenital Syphilis .....	1
	Gonorrhoea .....	1
	Other Conditions .....	2

## CANCER

The number of deaths due to cancer in 1961 was 40 and compared favourably with the previous year. Nevertheless cancer is the second largest cause of death. The sites of the disease are shown in the following table.

Site of Malignant Disease		1961	1960	1959	1958	1957	1956
Stomach	M	3	1	1	4	5	3
	F	4	—	4	2	2	4
Lung and Bronchus	M	11	7	8	10	4	4
	F	1	4	—	—	1	2
Breast	M	1	—	—	—	—	—
	F	3	3	2	3	5	1
Uterus	F	—	3	2	2	1	3
Other malignant and lymphatic neoplasms	M	10	12	8	13	10	18
	F	6	12	6	8	10	2
Leukaemia	M	1	1	—	3	—	—
	F	—	—	—	1	—	—
Totals	M	26	21	17	30	19	25
	F	14	22	14	16	19	12
<b>Grand Total</b>		<b>40</b>	<b>43</b>	<b>31</b>	<b>46</b>	<b>38</b>	<b>37</b>

### VACCINATION AND IMMUNISATION

Particulars of immunisations and vaccinations carried out in the Gainsborough Urban District during 1961.

Diphtheria Immunisation	Under five years of age at date of immunisation	Between five and fourteen years of age at date of immunisation	Boosting Doses
	1	1	234

Diphtheria and Whooping Cough Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	—	—	—	—	—	—	—	—

Diphtheria, Tetanus and Whooping Cough Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	125	148	11	14	6	17	4	325

Diphtheria Tetanus Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	—	—	—	—	—	—	—	—

Whooping Cough Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	—	—	—	—	—	—	—	—

Whooping Cough and Tetanus Immunisations	Under 1	1	2	3	4	5-9	10-14	Total
	—	—	—	—	—	—	—	—

Smallpox	Under One	1-4	5-14	15 or over	Total
	173	19	6	4	238
	—	2	—	18	20

Tetanus	Under One	1-4	5-14	15 or over	Total
Vaccination	—	1	4	—	5
Booster	—	—	—	—	—

**Vaccination against Tuberculosis.**

Of 329 school children tested it was found that 67 were positive and did not require vaccination and 262 were negative and were given B.C.G. vaccination. The 67 positive reactors were X-rayed, but did not show active tuberculosis.

**Vaccination against Poliomyelitis.**

Persons born in the years				
Had 2 injections	61 - 43	42 - 3	32 - 21	Others
	476	163	231	6

Persons born in the years				
Had 3 injections	61 - 43	42 - 33	32 - 21	Others
	2041	1007	360	56

Persons born in the years				
Had 4 injections	61 - 43	42 - 33	32 - 21	Others
	856	—	—	—

**SCHOOL HEALTH SERVICE.**

This service is provided by the County Council and I, as School Medical Officer, carried out inspections, etc., in our schools. The state of health, general nutrition and cleanliness of the children was of a high standard. Routine medical inspection is carried out on children in their first year at school, in their first year at secondary school, and in their last year at school. Besides these routine medical inspections, children with any defects are regularly seen at "supervisory" examinations and any child referred by a parent or teacher is given a "special" examination. I am grateful to the County Medical Officer for permission to include the following summary of work carried out during 1961 in our area.

**TABLE A.**

**ROUTINE MEDICAL INSPECTION**

Age Groups (by years of birth)	Number of Children				Physical Condition	
	Inspected	Found to require treatment (including cases under treatment —excluding dental diseases, and infestation with vermin)			Satisfactory	Unsatisfactory
		For defect- ive vision excluding squint	For any other condition	Total in- dividual requiring treatment		
1957 and later	11	—	1	1	11	—
1956	90	—	6	6	90	—
1955	134	—	19	18	134	—
1954	19	—	3	6	19	—
1953	5	—	1	—	5	—
1952	2	—	—	—	2	—
1951	3	—	1	1	3	—
1950	77	16	6	22	77	—
1949	177	21	6	27	177	—
1948	92	11	8	13	92	—
1947	10	1	—	1	10	—
1946 and earlier	355	58	15	69	355	—
<b>TOTAL</b>	<b>977</b>	<b>107</b>	<b>66</b>	<b>165</b>	<b>977</b>	<b>—</b>

**TABLE B.**

Inspections carried out in the Gainsborough Urban District during 1961.

DEFECT	Periodic Inspections		Special Inspections	
	No. of defects		No. of defects	
	Requiring Treatment	Requiring observation	Requiring Treatment	Requiring observation
<b>Skin</b> .....	16	3	—	—
<b>Eyes</b>				
(a) Vision .....	107	34	—	1
(b) Squint .....	19	5	—	—
(c) Other .....	2	2	—	—
<b>Ears</b>				
(a) Hearing .....	2	4	—	2
(b) Otitis Media .....	2	9	—	—
(c) Other .....	3	—	—	—
<b>Nose and Throat</b> .....	7	23	—	—
<b>Speech</b> .....	3	5	1	—
<b>Lymphatic Glands</b> ....	—	3	—	—
<b>Heart</b> .....	1	8	—	—
<b>Lungs</b> .....	2	12	—	1
<b>Developmental</b>				
(a) Hernia .....	1	1	—	—
(b) Other.....	—	12	—	—
<b>Orthopaedic</b>				
(a) Posture .....	—	6	—	—
(b) Feet .....	2	9	—	—
(c) Other .....	5	38	—	—
<b>Nervous System</b>				
(a) Epilepsy .....	2	—	—	—
(b) Other.....	—	2	—	—
<b>Psychological</b>				
(a) Development .....	4	6	—	—
(b) Stability .....	2	31	—	—
<b>Abdomen</b> .....	—	4	—	—
<b>Other</b> .....	—	2	—	—



**INSPECTION AND SUPERVISION OF FOOD  
AND FOOD PREMISES**

ANALYSIS OF FOOD PREMISES WITHIN THE DISTRICT

Type of Business	No. of Premises
General Grocers and Provision Dealers ....	69
Greengrocers and Fruiterers (including those selling wet fish, game, etc.) ....	26
Meat Shops (butchers, purveyors of cooked and preserved meats, tripe, etc.) ....	35
Bakers and/or Confectioners ....	11
Fried Fish Shops ....	15
Shops selling mainly Sugar Confectionery, Minerals, Ice Cream, etc. ....	27
Licensed Premises, Clubs, Canteens, Restaurants, Cafes, Snack Bars, etc. ....	45
Others ....	—
<b>Total</b> ....	<b>228</b>

During the year 248 inspections were made of the above premises

**FOOD AND DRUGS ACT, 1955, SECTION 16  
REGISTERED PREMISES**

Type of Business	No. registered	No. of inspections during year
Ice Cream (Manufacture)	2	4
Ice Cream (Storage and Sale) ....	75	77
Preparation and Manufacture of Meat Products, including Meat Pies ....	19	23
<b>Totals</b> ....	<b>96</b>	<b>104</b>

**MILK AND DAIRIES**

**The Milk (Special Designation) Regulations, 1960**

The Council was responsible for the registration of dairy premises and milk distributors in the area. We were also responsible for the issue of Dealers' and Supplementary Licences and the conditions under which milk is retailed to the public.

The above Regulations transferred as of October 1st, 1960, the responsibility for the administration of retail distribution of milk from smaller Authorities to the Food and Drug Authorities. In future the licences will be issued by the Lindsey County Council.

- 1. Number of milk pasteurising dairies ..... 1
- 2. Number of dealers retailing T.T. Milk  
Fasteurised, Pasteurised Milk, Sterilised  
Milk ..... 5
- 3. Numbers of dealers retailing sterilised milk  
only ..... 40
- 4. Number of dealers retailing Tuberculin  
Tested Milk (raw) ..... 3

During the year the following reports on samples of milk were received:

**(a) Samples from Pasteurising Plant:**

- Tuberculin Tested Milk (Pasteurised) ..... 59
- Pasteurised Milk ..... 98

All the foregoing satisfied the Phosphatase and Methylene Blue tests

**(b) Samples of milk taken in course of delivery (specified area:**

- Tuberculin Tested Milk (Pasteurised) ..... 17
- Pasteurised ..... 26
- Sterilised ..... 47

**(c) Samples of milk for biological examination:**

- Gainsborough Urban District ..... 7

The Ministry of Agriculture, Fisheries and Food is responsible for the control of milk production. The supervising of pasteurising plants is exercised by the Lindsey County Council.

**THE MILK (SPECIAL DESIGNATION) (SPECIFIED AREAS)**

**ORDER, 1956.**

The above order requires all milk sold within the district to be sold under special designations. The special designations authorised by the Milk (Special Designations) Regulations, 1949-1954, are Pasteurised, Tuberculin Tested and Sterilised.

**ICE CREAM.**

There are on the Register two Manufacturers/Retailers and seventy-five Retailers. The former are traders supplying their own needs, the latter reail pre-packed ice cream.

Both manufacturers were visited to secure compliance with the Ice Cream (Heat Treatment) Regulations, 1947-52. Inspections were made of premises retailing ice cream.

**THE FOOD AND DRUGS ACT, 1955,** provides for the sampling of food and drugs for analysis or for bacteriological and other examinations. The Lindsey County Council is the authority responsible for these duties. I am grateful to Dr. C. D. Cormac, County Medical Officer of Health, and Mr. G. Collinson, County Health Inspector for the following information

## SAMPLES TAKEN UNDER FOOD & DRUGS ACT 1955

Article sampled	No. of Samples taken
1. Milk .....	111
2. Processed milk products (including cream, butter and ice cream) .....	5
3. Preserves .....	5
4. Tinned, bottled and dried articles .....	9
5. Alcoholic beverages .....	4
6. Non-alcoholic beverages .....	3
7. Sugar and flour confectionery .....	5
8. Meat and fish products (not included in 4) .....	8
9. Vinegars, pickles, sauces, spices, flavourings and essences .....	6
10. Cereal products .....	1
11. Miscellaneous .....	3
12. Medicines and drugs .....	3
	<hr/>
	Total ... 163
	<hr/>

A large proportion of the milk samples are from milk produced in the Gainsborough Rural District and have been taken on arrival at the pasteurising dairy in the Gainsborough Urban District for convenience.

Fifty-nine samples of tuberculin tested milk (pasteurised) and 98 samples of pasteurised milk were taken from the pasteurising dairy operating in the district.

Two samples of Pasteurised milk were unsatisfactory, one failing the Methylene Blue test and one failing the Phosphatase test. The matter was investigated and warnings issued accordingly.

Seven samples of milk were taken for biological examination and none showed evidence of tuberculosis and brucella abortus.

One sample of potted meat contained excessive moisture and cereal filler and a warning was issued.

One sample of cherry brandy was slightly deficient in proof spirit in accordance with the claim on the label and a warning was issued to the retailer and wholesaler.

One sample of grapefruit squash was the subject to excessive claims relating to fruit and vitamin content on the label. The matter was referred to the Ministry of Agriculture, Fisheries and Food as new regulations are being considered for the control of soft drinks. A warning was issued to the dairy concerned regarding the presence of algae on the interior of a milk bottle.

Legal proceedings were instituted in connection with a sample of bread stuffing which contained 0.20% of rodent excrement. A complaint of the sale of bread stuffing similarly affected was also the subject of legal proceedings and fines totalling £30 and costs of £8 10s. were imposed.

## Meat, Foods and Slaughterhouse Inspections CARCASSES INSPECTED AND CONDEMNED

	Cattle excl'd'g Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed.....	1784	562	46	5761	4873
Number inspected .....	1784	562	46	5761	4873
<i>All disease except Tuberculosis &amp; Cysticerci</i> Whole Carcasses con- demned .....	1	11	4	37	23
Carcases of which some part or organ was con- demned .....	304	107	14	30	796
Percentage of number inspected affected with disease other than tuberculosis .....	17.1	21.0	39.13	1.16	16.81
<i>Tuberculosis only.</i> Whole Carcasses con- demned .....	—	—	—	—	1
Carcases of which some part or organ was con- demned .....	1	3	—	—	141
Percentage of number inspected affected with tuberculosis .....	0.056	0.534	—	—	2.93
<i>Cysticercosis.</i> Carcases of which some part or organ was con- demned .....	18	4	—	—	—
Carcases submitted to treatment by refrigera- tion .....	18	4	—	—	—
Generalised and totally condemned .....	—	—	—	—	—

No horse slaughtering for human consumption is carried on within the District.

No veterinary ante-mortem inspection of animals is undertaken.

No action was necessary in regard to meat offered for sale by retail.

MEAT CONDEMNED DURING THE YEAR.

The following carcasses and offal were condemned as unfit for human consumption at the two Licensed Slaughterhouses within the district.

20 Beasts Carcasses and all Offal .....	Cysticercus Bovis
8 Beasts Carcasses and all Offal .....	Tuberculosis
2 Beasts Carcasses and all Offal .....	Uraemia
3 Beasts Carcasses and all Offal .....	Moribund
4 Beasts Carcasses and all Offal .....	Dropsical & Emmaciated
1 Beasts Carcase and all Offal .....	Septic Pneumonia
2 Beasts Carcasses and all Offal .....	Pyæmia
1 Beasts Carcase and all Offal .....	Enteritis
1 Beasts Carcase and all Offal .....	Chronic Nephritis
1 Beasts Carcase and all Offal .....	Badly bled with Oedema
911 lbs. Beef .....	Tuberculosis
1393 lbs. Beef .....	Bruising
211 lbs. Beef .....	Arthritis
134 lbs. Beef .....	Injury
155 lbs. Beef .....	Pleurisy
56 lbs. Beef .....	Abscesses
40 lbs. Beef .....	Actinomycosis
130 lbs. Beef .....	Decomposition
36 lbs. Beef .....	Gangrenous
17 Beasts Heads and Tongues .....	Actinomycosis
46 Beasts Heads and Tongues .....	Tuberculosis
19 Beasts Heads and Tongues .....	Abscesses
3 Beasts Heads and Tongues .....	Actinobacillosis
8 Sets Beasts Lungs .....	Abscesses
13 Sets Beasts Lungs .....	Pleurisy
52 Sets Beasts Lungs .....	Tuberculosis
8 Sets Beasts Lungs .....	Pneumonia
1 Set Beasts Lungs .....	Actinomycosis
1 Set Beasts Lungs .....	Pulmonary Distomatosis
8 Beasts Hearts .....	Pericarditis
20 Beasts Hearts .....	Tuberculosis
4 Beasts Hearts .....	Inflammation
1 Beasts Heart .....	Fatty Degeneration
78 Beasts Livers .....	Distomatosis
7 Beasts Livers .....	Peritonitis
16 Beasts Livers .....	Tuberculosis
31 Beasts Livers .....	Cavernous-angioma
32 Beasts Livers .....	Abscesses
4 Beasts Livers .....	Hepatitis
4 Beasts Livers .....	Necrosis
1 Beasts Liver .....	Pericarditis
3 Beasts Livers .....	Fatty Degeneration
1 Beasts Liver .....	Cirrhosis
2 Beasts Stomachs .....	Tuberculosis
2 Beasts Kidneys .....	Tuberculosis
1 Beasts Kidneys .....	Nephritis

12 Sets Beasts Intestines .....	Tuberculosis
1 Beasts Spleen .....	Tuberculosis
1 Beasts Spleen .....	Inflammation
1 Beasts Spleen .....	Tumour
1 Cows Udder .....	Mastitis
10 Pigs Carcases and all Offal .....	Septicaemia
2 Pigs Carcases and all Offal .....	Septic-Metritis
1 Pigs Carcase and all Offal .....	Orchitis
4 Pigs Carcases and all Offal .....	Swine Erysipelas
4 Pigs Carcases and all Offal .....	Moribund
2 Pigs Carcases and all Offal .....	Septic Pericarditis
2 Pigs Carcases and all Offal .....	Dropsical & Emaciated
1 Pigs Carcase and all Offal ...	Acute Diffuse & Septic Pleurisy
1 Pigs Carcase and all Offal .....	Tuberculosis
1 Pigs Carcase and all Offal .....	Pyæmia
1 Pigs Carcase and all Offal .....	Urticaria
491 lbs. Pork .....	Bruising
129 lbs. Pork .....	Arthritis
72 lbs. Pork .....	Scapula (Broken)
8 lbs. Pork .....	Peritonitis
95 lbs. Pork .....	Broken Leg
111 lbs. Pork .....	Mastitis
50 lbs. Pork .....	Abscess contact
69 lbs. Pork .....	Gangrene
50 lbs. Pork .....	Tuberculosis
68 lbs. Pork .....	Abscesses
2 Pigs Shanks .....	Arthritis
1 Pigs Head .....	Tuberculosis
115 Pigs Heads and Tongues .....	Tuberculosis
3 Pigs Heads and Tongues .....	Abscesses
2 Pigs Plucks .....	Hepatitis
5 Pigs Plucks .....	Pericarditis
8 Pigs Plucks .....	Pleurisy
2 Pigs Plucks .....	Peritonitis
2 Pigs Plucks .....	Tuberculosis
2 Pigs Plucks .....	Pneumonia
130 Pigs Livers .....	Ascaridae
2 Pigs Livers .....	Hepatitis
3 Pigs Livers .....	Tuberculosis
16 Pigs Livers .....	Peritonitis
1 Pigs Liver .....	Cirrhosis
31 Sets Pigs Lungs .....	Pleurisy
14 Sets Pigs Lungs .....	Pneumonia
2 Sets Pigs Lungs .....	Tuberculosis
45 Pigs Hearts .....	Pericarditis
2 Pigs Hearts .....	Tuberculosis
2 Pigs Kidneys .....	Cysts
3 Sets Pigs Intestines .....	Tuberculosis
1 Set Pigs Intestines .....	Enteritis

16 Sets Pigs Intestines .....	Swine Fever Contact
7 Pigs Udders .....	Mastitis
2 Sheeps Carcases and all Offal .....	Septicaemia
1 Sheeps Carcase and all Offal .....	Arthritis
13 Sheeps Carcases and all Offal .....	Arthritis & Emaciation
10 Sheeps Carcases and all Offal .....	Moribund
1 Sheeps Carcase and all Offal ...	Oedematous with Emaciation
20 Sheeps Carcases and all Offal .	Oedematous with Emaciation
1 Sheeps Carcase and all Offal .....	Pyaemia
1 Sheeps Carcase and all Offal ...	Peritonitis with Emaciation
1 Sheeps Carcase and all Offal .....	Uraemia with Emaciation
1 Sheeps Carcase and all Offal .....	Bruising
53 lbs. Lamb .....	Bruising
20 lbs. Lamb .....	Arthritis
96 lbs. Mutton .....	Bruising
6 lbs. Mutton .....	Broken Leg
15 lbs. Mutton .....	Oedema
1 Sheeps Liver .....	Parasites
13 Sheeps Livers .....	Distomatosis
2 Hind Legs .....	Arthritis
1 Hind Leg .....	Abscesses
1 Sheeps Pluck .....	Distomatosis
1 Sheeps Pluck .....	Strongylosis

#### SLAUGHTER OF ANIMALS ACTS, 1958.

There are 34 slaughtermen licensed by the Council under the the above Act.

**FOOD CONDEMNED DURING 1961**

5 tins ham.	2 tins beans.
35 tins other meats.	10 tins peas.
1 tin pork sausages.	2 tins beetroot.
37 tins tomatoes.	3 tins soup.
22 tins pineapple.	9 tins fish.
2 tins apricots.	15 tins milk.
7 tins pears.	3 tins rice.
12 tins peaches.	200 marshmallow creams.
2 tins grapefruit.	45 lbs. loose
4 tins plums.	marshmallow creams.
2 tins oranges.	1 barrel of chitterlings.
1 tin fruit salad.	4 $\frac{3}{4}$ lbs. of cheese.
1 tin loganberries.	



## SANITARY CIRCUMSTANCES OF THE AREA WATER SUPPLY.

- (i) The Lincoln and District Water Board was formed on the 1st October, 1961, and took over the Council's entire water undertaking.

Water is obtained from three boreholes and is stored in two open reservoirs with an estimated total capacity of three days' normal demand. Two water towers with a capacity of 36,500 gallons are also provided for gravity feeding to the higher levels of the town.

The supply is satisfactory in quality and in quantity.

- (ii) **BACTERIOLOGICAL EXAMINATIONS.**

During the year, 231 samples of water were submitted for bacteriological examination, both before and after chlorination. These samples are made up of 212 taken by the Health Department and 19 taken by the Lincoln and District Water Board. Results are reported upon in accordance with the Ministry of Health's suggested classification.

### RAW WATER.

Class 1 (Excellent) .....	37	100.00%
Class 2 (Satisfactory) .....	—	
Class 3 (Suspicious) .....	—	
Class 4 (Unsatisfactory) .....	—	
	<hr/>	<hr/>
	37	100.00%
	<hr/>	<hr/>

### WATER GOING INTO SUPPLY.

Class 1 (Excellent) .....	179	92.28%
Class 2 (Satisfactory) .....	—	
Class 3 (Suspicious) .....	7	3.60%
Class 4 (Unsatisfactory) .....	3	4.12%
	<hr/>	<hr/>
	194	100.00%
	<hr/>	<hr/>

- (iii) Proven bacterial contamination was always dealt with promptly and the cause located in most cases. The chlorine content of the supply was increased temporarily and the service mains flushed. Repeat samples were always taken during and after this treatment and were satisfactory. The open reservoirs which supply most of the town are liable to pollution by animals and birds. The Water Board plan to cover these reservoirs and I hope it will be in the not too distant future.
- (iv) Number of dwelling houses supplied by public mains direct to the houses ..... 5,532  
 Number of population supplied as above ..... 16,644  
 Number of dwelling houses supplied by public mains by means of stand pipes ..... 184  
 Number of population supplied as above ..... 526

During 1960 the Health Committee resolved to take statutory action to make house owners install an internal supply of water. This action received support of the Council and the Health Department are surveying the district. Most of the dwellings supplied by stand pipes are situated in proposed slum clearance areas and where action is to be taken in the near future under the Housing Acts it would be unfair to ask the owners to bear the cost of installing an internal water supply. Others are being dealt with.

Twenty-eight statutory notices were served on owners during the year to get an internal water supply to houses.

## **DRAINAGE AND SEWERAGE.**

### **Sewerage**

For drainage purposes the Urban District is divided into two areas by a ridge of high ground running north to south.

The western half, lying between the ridge of high ground and the River Trent is almost fully developed and contains the business area of the town. This area is in the River Trent Catchment Area and is drained by the combined system, that is to say the foul sewage and the rain water from the roads, roofs, yards and paved areas are taken into one system of pipes. These combined sewers discharge into the River Trent at eleven separate outfalls between Morton and Carr Lane. Each outfall is fitted with a flap valve and/or a manually operated penstock valve so that the sewers may be closed when the river is in flood. This is to prevent river water backing up the sewers and flooding the low lying districts. There is an automatic pumping station on each of the outfalls at North Warren Road, Bowling Green Road and Bridge Street. These come into operation when the sewer valves are closed and empty the sewers.

The eastern half of the district is only partially developed and includes the new housing estate. This area is in the Witham and Steeping Rivers Catchment Area and is drained on the "separate" system. In this system there are two distinct sets of pipes; one carries the foul sewage and the other the rain water from roads, roofs, yards and paved areas. The rain water is discharged directly into existing open water courses. The foul sewage flows to the new sewage disposal works at Heaptham Road. This works takes most of the sewage from the new housing estates and relieves the White's Wood Lane disposal works.

The new sewers were laid in Mayflower Close and this will relieve the surcharging of the sewer on Lea Road.

### **Sewage Disposal**

Approximately 80% of the sewage is discharged directly and untreated into the River Trent at eleven outfall points along the District's Western Boundary.

The remaining 20% of the sewage is conveyed to the Council's sewage disposal plant in the Eastern sector. This plant is now running at a capacity of 67,500 gallons per day (normal dry weather flow).

The premises served by this plant are as follows:

1. Number of houses connected to sewer and to disposal plant .....	617
2. Number of shops connected to sewer and to disposal plant .....	8
3. R.E.M.E. Workshops, etc. (equivalent in houses),	30
4. Infant's School (equivalent in houses) .....	20
Total equivalent number of houses ...	675

The above disposal plant was originally designed to accommodate a normal dry weather flow of 75,000 gallons per day and was designed so as to be capable of extension.

Such an extension scheme is now being formulated by the Council's Consultant Engineer. When the extension has been completed the disposal plant will be able to cope with the following premises:

1. Existing houses as above .....	675
2. Future housing development .....	848
3. New shops .....	7
4. New Secondary Modern School (equivalent houses) .....	65
5. Poultry packing station (equivalent houses) ...	200
Total equivalent houses ...	1,805

I am indebted to Mr. W. W. Garner, the Surveyor and Waterworks Engineer, who is responsible for the drainage and water supply of the area, for much of the information on these subjects.

### SWIMMING POOLS.

There are two public swimming pools in the area. Both are owned by the Local Authority. One is an open air pool filled and emptied twice weekly from the mains water supply. The season opens in May and closes in September. The other is an indoor heated pool fitted with a continuous mechanical filtration and chlorination plant. The season at this pool opens in April and closes in September. The bath is emptied and refilled in July and continuously topped up throughout the season from the mains water supply. Slipper baths are provided at both the pools.

Four samples, two chemical and two bacteriological, were taken of the water in the pools during the year. The results were satisfactory.

### **COMMON LODGING HOUSES.**

There is one common lodging house registered by the Council under Section 237 of the Public Health Act, 1936.

Visits were paid periodically to these premises with a view to securing compliance with the Council's byelaws.

No contraventions were noted and the premises were maintained in a clean condition.

### **MORTUARY ACCOMMODATION.**

The Council provide and maintain a mortuary under Section 198 of the Public Health Act, 1936. A Council employee attends twice weekly and as occasion requires, to cleanse and service equipment after use.

Minor works of improvement and repair were carried out during the year. Twenty-eight bodies were brought into the mortuary and twenty-seven post-mortem examinations were carried out.

### **MOVEABLE DWELLINGS**

One Caravan Site Licence for three caravans was issued under the Caravan Act.

### **PET ANIMALS ACT, 1951**

Three licences to keep a pet shop under the provisions of the above Act were issued by the Council during the year.

### **OFFENSIVE TRADES.**

The number on the register is five and ten visits were paid to these premises to ensure compliance with the Byelaws. No contraventions were noted during the year. Complaints of nuisance from the Hide and Skin Store again received attention but, until the County Development Plan for the town is implemented, no permanent solution can be achieved.

### **SHOPS ACT, 1950.**

No visits were paid during the year to ensure compliance with the provisions of the above Act in relation to the health and comfort of shop workers. No contraventions were found.

### **NATIONAL ASSISTANCE ACT, 1948.**

Under Section 50 of the above Act, it is the duty of the Council to cause to be buried or cremated the body of any person who has died or been found dead in the area where no suitable arrangements for disposal have been made. This function was delegated to your Public Health Inspector. No case was dealt with during the year.

## REFUSE COLLECTION

Refuse is collected from 6,104 premises in the area. The Town is divided into three districts, each served by one vehicle.

A fourth vehicle is employed to supplement this service when, for various reasons, delays are experienced.

This vehicle is also used for collections from business premises, hospitals, institutions, etc., and so concentrates the work of district vehicles on to house refuse.

Seventy-eight dustbins were provided and five dustbins were renewed by the Council under Section 75(3) of the Public Health Act, 1936.

In the beginning of the year a new system of refuse collection had been started and it proved to have been an ill-advised time to start any new system. January is a very busy time for refuse collection. The volume of refuse is at a peak after the Christmas season, added to this was the inclement winter weather and shortage of staff through illness. The collection periods lengthened and the staff were all the while faced with increasing loads of refuse and the longer time needed to collect it. The men worked well and are to be congratulated. The revision of the system, the purchasing of a new larger vehicle and the addition of extra men to the staff eventually got the job under control. The service improved and a weekly collection achieved. These days it should be, and is, the aim of our Council, to provide at least a weekly refuse collection of our district.

## REFUSE DISPOSAL.

The amount of domestic refuse dealt with at the tip was estimated to be 12,429 tons for the year ending 31st March, 1962, which was an increase of 1,573 tons on the figure for the previous year.

The method in use is that of controlled tipping. Soil is dug out by an angledozer with scraper attachment, deposited on top of the refuse and finally levelled off.

Tipping operations are carried out in fields on the North side of the flood bank in Causeway Lane which were acquired by the Urban and Rural Councils for the construction of sewage disposal works and therefore require to be raised above the flood level of the River Trent.

## SALVAGE.

137 tons 5½ cwts. of waste paper were collected by the Department, which together with other items, realised a gross value of £1,081 16s. 11d.

Difficulties were experienced during the year because of the baling machine and baling shed being out of action because of flooding from the River Trent.

### HOUSE REFUSE COLLECTION AND DISPOSAL.

(Financial Year Ending:—31st March, 1962)

Total cost of Collection and Disposal of the Town's Refuse is as follows:—

Refuse Collection and Disposal	£	17,681	s	1	d	5
Revenue....		1,307		17		4

Nett Cost .... 16,373 4 1

Pop.	No. of Weekly Collections		Method of Collection	Method of Disposal	COLLECTION & DISPOSAL COSTS						
	House	Trade			Total Cost	Total Tons (Est.)	No. of Houses	Cost per House	Cost per 1000 Houses	Cost per Head of Population	Cost 1000 Head of Population
17,170	1		3 Ten Cu. Yd. Side Loading and 1 Seven Cu. Yd. Rear Ldg. Motor Vehicles	Controlled Tip	£16,373	12,429	6,104	£2.73	£2,729	19/3	£.963

Rate Represented for Collection and Disposal 1/7d.

## PREVENTION OF DAMAGE BY PESTS ACT, 1949

The following information extracted from the form prescribed by the Ministry of Agriculture, Fisheries and Food, is for the nine month period ending 1st December, 1961.

	TYPE OF PROPERTY				
	Local Authority	Dwelling-houses	All other (including Business premises)	Totals of Cols (1) (2) & (3)	Agricultural
Number of properties in Local Authority's District	43	5531	566	6080	12
Total number of properties inspected as a result of notification	4	295	11	310	0
Number of such properties found to be infested by :—					
Common rat	Major	0	0	0	0
	Minor	2	288	6	297
Ship rat	Major	0	0	0	0
	Minor	0	0	0	0
House mouse	Major	0	0	2	0
	Minor	1	7	3	11
Total number of properties inspected in the course of survey under the Act	10	20	16	46	0
Number of such properties found to be infested by :—					
Common rat	Major	3	0	0	0
	Minor	7	18	0	25
Ship rat	Major	0	0	0	0
	Minor	0	0	0	0
House mouse	Major	0	0	0	0
	Minor	0	2	0	2
Total number of properties otherwise inspected (e.g. when visited primarily for some other purpose)	29	116	94	239	0
Number of such properties found to be infested by :—					
Common rat	Major	0	0	0	0
	Minor	0	0	0	0
Ship rat	Major	0	0	0	0
	Minor	0	0	0	0
House mouse	Major	0	0	0	0
	Minor	0	0	0	0
Total inspections carried out including re-inspections	212	1542	167	1921	0
Number of infested properties in Sections II, III and IV treated by the L.A.	14	315	1	340	0
Total treatments carried out including re-treatments	183	1426	57	1666	0
Number of notices served under Section 4 of the Act :—					
(a) Treatment	0	0	0	0	0
(b) Structural Work (i.e. Proofing)	0	0	0	0	0
Number of cases in which default action as taken following the issue of a notice under Section 4 of the Act	0	0	0	0	0
Legal Proceedings	0	0	0	0	0
Number of "Block" control schemes carried out	None				

**SANITARY IMPROVEMENTS EFFECTED.**

Drains cleansed or repaired	....	....	....	....	....	12
Drains constructed	....	....	....	....	....	—
Drain Ventilators fixed or repaired	....	....	....	....	....	5
Water Closets cleansed or repaired	....	....	....	....	....	7
Water Closet structures repaired	....	....	....	....	....	6
Sink waste pipes repaired or renewed	....	....	....	....	....	5
Portable Dustbins provided by Local Authority in default	....	....	....	....	....	78
Yard Pavements etc., repaired	....	....	....	....	....	3
Roofs repaired	....	....	....	....	....	9
Floors repaired	....	....	....	....	....	9
Rain water pipes and eaves gutters repaired	....	....	....	....	....	17
Plaster of walls and ceilings repaired	....	....	....	....	....	8
Firegrates repaired, re-set or renewed	....	....	....	....	....	4
Windows, skylights repaired	....	....	....	....	....	7
Wash-house structures repaired	....	....	....	....	....	1
Chimneys repaired or pointed	....	....	....	....	....	1
External walls pointed, repaired, etc.	....	....	....	....	....	2
Coal stores erected or repaired	....	....	....	....	....	1
Stairs repaired or renewed, Handrails fixed	....	....	....	....	....	4
Doors repaired	....	....	....	....	....	5
W.C. pans replaced	....	....	....	....	....	4
W.C. Flushing cisterns repaired	....	....	....	....	....	5

**INSPECTIONS MADE DURING THE YEAR.**

Houses—Public Health Acts: Visits	....	....	....	....	....	175
Complaints investigated	....	....	....	....	....	423
Visits to Property under Notice	....	....	....	....	....	350
Common Lodging Houses	....	....	....	....	....	10
Factories—Mechanical Power	....	....	....	....	....	86
Factories—No Mechanical Power	....	....	....	....	....	14
Infectious Disease Cases	....	....	....	....	....	12
Drainage Work	....	....	....	....	....	62
Shops Act	....	....	....	....	....	54
Bakehouses	....	....	....	....	....	24
Fried Fish Shops	....	....	....	....	....	30
Other Food Preparation	....	....	....	....	....	72
Wet Fish Shops	....	....	....	....	....	11
Butchers Shops	....	....	....	....	....	50
Markets	....	....	....	....	....	109
Meat Inspection	....	....	....	....	....	964
Offensive Trades	....	....	....	....	....	9
Ice Cream Shops	....	....	....	....	....	58
Daries and Milk Shops	....	....	....	....	....	5
Vermin	....	....	....	....	....	100
Depot and Tip	....	....	....	....	....	96
Refuse Collection	....	....	....	....	....	90
Marine Stores	....	....	....	....	....	3
Interviews with owners	....	....	....	....	....	61
Miscellaneous	....	....	....	....	....	8
Water Samples	....	....	....	....	....	214
Unsound Food	....	....	....	....	....	53
Overcrowding	....	....	....	....	....	8

Total .... 3,151



**FACTORIES ACTS, 1937 AND 1948.**

The number of factories on the register, including three bakehouses, is 106. During the year 114 visits were paid to these premises, which resulted in three offences against the Act being remedied. This work has been facilitated by the ready co-operation which has been extended at all times by Her Majesty's Inspector for the District.

The following table in the form required by the Ministry of Labour and National Service, gives a summary of the work undertaken by the Public Health Inspectors.

**PART I OF THE ACT**

**1—INSPECTIONS** for the purposes of provisions as to health (including inspections made by Public Health Inspectors.)

Premises (1)	Number on Register (2)	Number of		Occupiers prosecuted (5)
		Inspections (3)	Written Notices (4)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	5	14	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	89	81	3	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (including out-workers' premises)	10	15	2	—
<b>TOTAL</b>	<b>104</b>	<b>110</b>	<b>5</b>	<b>—</b>

2—Cases in which defects were found.

Particulars  (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted  (6)
	Found (2)	Rem'd. (3)	To H.M. Inspec. (4)	By H.M. Inspec. (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective draining of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) unsuitable or defective	6	6	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	—	—	—	—	—
<b>TOTAL</b>	6	6	NIL	NIL	NIL

PART VIII OF THE ACT

Outwork

(Sections 110 and 111)

Nature of Work (1)	SECTION 110			SECTION 111		
	No. of out-workers in August list required by Section 110(1)(c) (2)	No. of cases of default in sending list to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel Making, etc., Cleaning and washing	14	—	—	—	—	—
<b>TOTAL</b>	14	—	—	—	—	—



