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URBAN  
DISTRICT



COUNCIL  
OF

GAINSBOROUGH

# Annual Report

of the


**MEDICAL OFFICER OF HEALTH**

with that of the

**PUBLIC HEALTH INSPECTOR**



**FOR THE YEAR 1956**



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**URBAN DISTRICT COUNCIL OF  
GAINSBOROUGH**



**1956**

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**CHAIRMAN OF THE COUNCIL:**

Councillor J. C. Fitchett, J.P.

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**VICE-CHAIRMAN OF THE COUNCIL:**

Councillor C. Baines.

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**HEALTH COMMITTEE**

**Chairman:**

Councillor Miss D. Oaks.

Councillor H. Asquith.

Councillor G. R. Baines.

Councillor Mrs. M. Brame.

Councillor A. Newman.

Councillor Mrs. E. M. Price.

Councillor L. J. Rainsforth.

Councillor E. Taylor.

Councillor A. Theaker.

Councillor C. W. Wilson.

Councillor J. C. Fitchett, J.P.

**CLERK OF THE COUNCIL:**

Eric R. Morgan, Esq.

Died 31st December.

# URBAN DISTRICT COUNCIL OF GAINSBOROUGH

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## HEALTH DEPARTMENT STAFF

Medical Officer of Health:

J. C. MACARTNEY,  
M.D., M.B., Ch.B. (Edin. Univ.), D.P.H. (Edin. and Glasgow).

Senior Public Health Inspector:

JOHN CARTER, A.R.S.H., A.M.I.P.H.E., M.A.P.H.I.

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. Royal Society of Health. Certificate in Sanitary Science as applied to Buildings and Public Works.
4. Royal Society of Health. Certificate as Smoke Inspector.
5. Institution of Public Health Engineers. Associate Membership Examination.
6. Liverpool University School of Hygiene. Certificate in Sanitary Science.

Additional Public Health Inspector:

A. F. GREEN, Cert. S.I.B.

(Commenced: 2nd January, 1956).

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.

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General Assistant:

A. E. NICHOLSON.

(Resigned: 4th November, 1956).

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Clerk:

D. COOK.

# ANNUAL REPORT

of the

## Medical Officer of Health

for the year 1956

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

Public Health Department,  
12, Lord Street,  
Gainsborough.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting my Annual Report for the year 1956 regarding the health and sanitary conditions of the District, which has been prepared in accordance with Statutory requirements.

The Birth Rate for the year showed an increase to 20.16 in comparison with that of 1955 which was 16.40. The Death Rate was similar to that of last year. The Infant Mortality Rate showed an increase to 42.55. When one is dealing with small numbers as we are in Gainsborough this figure can be expected to vary quite considerably from year to year. Taking the average of say ten or twenty years the figure will show the situation in truer perspective. It is pleasant to record that there were no deaths from Maternal Causes during the year.

For the eleventh year in succession I am pleased to report that no cases of Diphtheria occurred within the District. The higher incidence of infectious disease is once again mainly attributable to outbreaks of Measles during the last quarter of the year.

In conclusion, I would like to express my appreciation of the loyal co-operation rendered to me by Mr. Carter and his staff and also to the Members of the Council for their helpful consideration in health matters.

Yours obediently,

J. C. MACARTNEY,

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

**SECTION A.**

**1. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.**

Area of the Urban District.....	2,406 acres
Estimated Population.....	17,440
Number of inhabited houses end 1956.....	5,668
Rateable Value .....	£187,281
Sum represented by 1d. Rate.....	£740/2/11

The chief industries of the area are Engineering, Timber, Malting and Milling.

**2. EXTRACTS FROM VITAL STATISTICS.**

	Total	Male	Female	Birth Rate
Live Births .....	329	161	168	20.16
Legitimate .....	302	146	156	
Illegitimate .....	27	15	12	
Still Births .....	9	4	5	
Legitimate .....	8	4	4	
Illegitimate .....	1	—	1	

Deaths. 1956. All causes.

Total	Male	Female	Death Rate
240	134	106	12.38

DEATHS FROM PUERPERAL CAUSES Nil

DEATHS FROM OTHER MATERNAL CAUSES Nil

DEATH RATE OF INFANTS UNDER 1 YEAR.

All Infants per 1,000 Live Births ..... 42.55

### CAUSES OF DEATH.

Disease	Male	Female	Total
Tuberculosis, respiratory.....	2	—	2
Cancer, all causes .....	25	12	37
Diabetes .....	1	2	3
Vascular lesions of nervous system ..	13	13	26
Coronary disease, angina.....	28	11	39
Hypertension with heart disease.....	3	8	11
Other heart disease .....	12	20	32
Other circulatory diseases.....	6	3	9
Influenza .....	—	—	—
Pneumonia.....	—	3	3
Bronchitis .....	13	5	18
Other respiratory diseases .....	1	1	2
Ulcer of stomach & duodenum .....	—	—	—
Gastritis, Enteritis & Diarrhoæ .....	—	—	—
Nephritis and Nephrosis.....	1	1	2
Hyperplasia of prostate .....	8	—	8
Congenital malformations .....	4	1	5
Other defined and ill-defined diseases	15	22	37
Accidents other than Motor vehicle..	1	4	5
Suicide.....	1	—	1
	<hr/>	<hr/>	<hr/>
	134	106	240
	<hr/>	<hr/>	<hr/>

### COMPARATIVE TABLES.

Births	Total	Male	Female	Birth Rate
1956 .....	329	161	168	20.16
1955 .....	274	131	143	16.40
1954 .....	297	148	149	17.72
1953 .....	253	123	130	14.52
1952 .....	263	142	121	16.9
1951 .....	260	134	126	16.7
1950 .....	283	159	124	15.8

Deaths	Total	Male	Female	Death Rate
1956 .....	240	134	106	12.38
1955 .....	247	131	116	12.37
1954 .....	223	105	118	11.14
1953 .....	221	116	105	12.69
1952 .....	272	148	124	12.3
1951 .....	263	136	127	14.8
1950 .....	229	120	109	12.2



DEATHS OF INFANTS UNDER 1 YEAR OF AGE

	Male	Female	Total
Legitimate .....	6	7	13
Illegitimate .....	1	—	1
Total .....	7	7	14

DEATHS OF INFANTS UNDER 4 WEEKS OF AGE

	Male	Female	Total
Legitimate .....	6	6	12
Illegitimate .....	—	—	—
Total .....	6	6	12

INFANT MORTALITY RATE

1956.....	42.55
1955.....	18.25
1954.....	43.76
1953.....	39.53
1952.....	38.0
1951.....	30.7

COMPARATIVE TABLE.

	* Birth Rate	* Death Rate	‡ Infant Mortality
England and Wales ..	15.7	11.7	23.8
160 Great Towns .....	15.6	11.6	24.0
160 Smaller Towns ....	15.6	11.6	24.1
London .....	15.9	11.7	21.4
Gainsborough .....	20.16	12.38	42.55

\* Rates per 1,000 home population.

‡ Rates per 1,000 Live Births.

## SECTION B.

### 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.

**Health Information.** Enquiries relating to local health services may be made of the M.O.H., 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.

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 ... ..	2nd Thursday and 4th Monday in each month 10-0 a.m.
Infant Welfare & Ante-Natal Clinic ... ..	2nd, 4th and 5th Tuesday in each month at 10-0 a.m.
Vaccination and Immunisation ... ..	By appointment.
Sunlight Clinic ... ..	Mondays and Thursdays 10-0 a.m.
Domestic Help Service ...	Organiser attends Tuesdays and Thursdays 2-0 p.m.

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

Infant Welfare Centre ...	Mondays 2-0 p.m.
Toddlers Clinic ... ..	2nd Monday and 3rd Thurs- day 10 a.m.
Immunisation ... ..	1st Tuesday in each month.

In addition to the above, appointments are also made at the John Coupland or other Hospital for school and pre-school children requiring Ophthalmic or Ear, Nose and Throat consultant services.

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

- General Medical Care.
- The Family Doctor.
- Special Maternity Services apart from the Local Health Authority Service (General Practitioner Obstetrician).
- Medicines, Drugs and Appliances.
- Dentistry.
- Supplementary Eye Service.

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

**Hospital and Specialist Services.** All forms of treatment in general or special hospitals are available, both in-patient and out-patient treatment. This includes sanatorium treatment, maternity care, care of mental health and surgical operations. Consultants and specialists are available as far as resources permit.

**SECTION C.**

**SANITARY CIRCUMSTANCES IN THE AREA.**

The usual services were satisfactorily carried out. Routine analyses of samples of the water supply were made at weekly intervals. Results and remarks thereon appear in the Sanitary Inspector's section of this report.

**SECTION D.**

**HOUSING STATISTICS.**

<b>Total of New Houses erected during the year</b> ... ..	105
(1) By the Local Authority ... ..	46
(2) By other Local Authorities ... ..	4
(3) By other bodies or persons ... ..	55
<b>1. Inspection of Dwellinghouses during the year—</b>	
(1) (a) Total number of dwellinghouses inspected for housing defects (under public Health or Housing Acts) ... ..	90
(b) Number of inspections made for that purpose ... ..	343
(2) (a) Number of dwellinghouses (included under Sub-head above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... ..	0
(b) No. of inspections made for that purpose ... ..	0
(3) No. of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.... ..	0
(4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	90



### INSPECTION AND SUPERVISION OF FOOD.

Twelve cases of Food Poisoning were reported during the year.

In July an outbreak of Food Poisoning occurred in the schools. The Causative organism was not ascertained but the outbreak was probably due to infected rissoles. The illness was only of moderate severity and lasted for from six to twenty-four hours. There was not any fatal case.

All the food for the schools is prepared in a modern, well-run canteen. That such an outbreak can occur in such a canteen emphasises the need for most hygienic practises in the handling and preparation of food for human consumption.

### INFECTIOUS DISEASES.

During 1956, there were 372 notifications of infectious diseases, 77% of which were measles. Details of these are in subsequent tables.

### ANTI-DIPHTHERIC IMMUNISATION AND VACCINATION AGAINST SMALLPOX.

Particulars of diphtheria immunisations, whooping cough immunisations, combined diphtheria and whooping cough immunisations, vaccinations and re-vaccinations carried out in the Gainsborough Urban District during 1956.

	Under five years of age at date of immunisation.	Between five and fourteen years of age at date of immunisation.	Boosting Doses.			
Diphtheria Immunisations	23	32	260			
	Under One.	One.	Two.	Three.	Four.	Total.
Whooping Cough Immunisations (under five years)	—	—	1	—	—	1
	Under One.	One.	Two.	Three.	Four.	Total.
Combined Diphtheria & Whooping Cough Immunisations (under five years)	184	47	10	3	8	252
	Under one.	1—4.	5—14.	15 or over.	Total	
Vaccinations .....	113	17	10	39	179	
Re-vaccinations .....	—	2	2	16	20	

TABLE I.

Disease.	Number of Cases Notified.
Measles .....	289
Scarlet Fever .....	25
Pneumonia .....	17
Whooping Cough .....	10
Erysipelas .....	4
Food Poisoning .....	12
Dysentery .....	1
Tuberculosis (Respiratory) .....	10
Tuberculosis (Non-Respiratory) ...	4
	—
Total .....	372
	—

TABLE II.

DISTRIBUTION IN WARDS.

Disease	North	Market	Central	South
Measles .....	38	89	85	77
Scarlet Fever .....	1	16	5	3
Pneumonia .....	6	6	4	1
Whooping Cough .....	5	5	—	—
Erysipelas .....	—	3	—	1
Food Poisoning .....	3	4	3	2
Dysentery .....	—	1	—	—

TABLE III.

AGE INCIDENCE OF INFECTIOUS DISEASE.

Ages	Scarlet		Whooping		Food		
	Measles	Fever	Pneumonia	Cough	Erysipelas	Poisoning	Dysentery
0-1	12	-	2	-	-	-	-
1-2	29	1	1	1	-	-	-
2-3	33	5	-	-	-	-	-
3-4	40	2	-	1	-	1	-
4-5	63	8	-	2	-	2	-
5-10	107	7	-	5	-	5	-
10-15	1	2	1	1	-	1	-
15-20	1	-	-	-	-	-	-
20-35	-	-	1	-	-	1	-
35 Up	-	-	10	-	3	1	1
Age unknown	3	-	2	-	1	1	-
<b>Total</b>	289	25	17	10	4	12	1

**MONTHLY DISTRIBUTION OF INFECTIOUS DISEASES.**

Disease	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals	
Measles .....	2	2	1	3	3	1	2	9	16	134	86	30	...	289
Scarlet Fever .....	1	2	—	1	—	1	10	7	2	—	—	1	...	25
Pneumonia .....	3	2	1	—	2	1	—	—	2	1	2	3	...	17
Whooping Cough .....	—	—	—	—	—	—	—	1	—	6	1	2	...	10
Erysipelas .....	2	1	1	—	—	—	—	—	—	—	—	—	...	4
Food Poisoning .....	—	—	—	—	—	—	12	—	—	—	—	—	...	12
Dysentery .....	—	—	—	—	—	—	—	—	—	—	—	1	...	1
Tuberculosis (Respiratory) ...	3	1	—	1	—	—	1	1	—	1	2	—	...	10
Tuberculosis (Non-Respiratory) ...	—	—	—	1	—	—	—	1	1	1	—	—	...	4
<b>Totals .....</b>	<b>11</b>	<b>8</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>25</b>	<b>19</b>	<b>21</b>	<b>143</b>	<b>91</b>	<b>37</b>	<b>...</b>	<b>372</b>



### DEATHS FROM TUBERCULOSIS.

Year	Respiratory	Non-Respiratory	Totals
1956 .....	2	0	2
1955 .....	5	0	5
1954 .....	2	0	2
1953 .....	2	0	2
1952 .....	6	2	8
1951 .....	7	1	8
1950 .....	1	0	1

### VENEREAL DISEASES.

Special treatment clinics are held at the John Coupland Hospital every Friday evening from 6 to 7 p.m. or, alternatively appointments can be made privately.

The trend of the enthetic diseases is notably low. The awareness of the public generally has now reached the stage where they do not conceal their infection so much as in former years, and thus treatment is given earlier. Modern antibiotics are so powerful that patients are quickly rendered non-infectious and this effect on the spread of the diseases is most marked.

### CANCER.

Although there has been a slight decrease in the total number of deaths due to Cancer, it is to be noted that an increase has occurred in deaths from Cancer of the lung and bronchus.

The total number of deaths from Cancer was .....	37
Males .....	25
Females .....	12

The sites of the disease are as follows:—

Stomach .....	7
Lung and bronchus .....	6
Breast .....	1
Uterus .....	3
Other malignant and lymphatic neoplasms .....	20

The total number of Cancer deaths in recent years is given below:

Year	Deaths
1956 .....	37
1955 .....	44
1954 .....	40
1953 .....	29
1952 .....	45
1951 .....	43
1950 .....	28

### **GERIATRICS.**

The study of the increasing longevity of the population has become an important concern regarding the medical and socio-economic problems of the Public Health Service.

Old people require provision of hearing aids and spectacles if required, as well as treatment for foot disabilities. In the latter case, chiropodists' services are available in this district by arrangement through the Old People's Welfare Committee of which your Medical Officer is a member.

Much other good work is done by other voluntary workers such as the Women's Voluntary Services Club, the Red Cross and the Co-operative Society's Clubs for old people as well as the Marshall's Works Veterans' Club.

All these are available for those who are able to attend.

Home visits are made by volunteers where necessary and the provision of "Home Help" service is also arranged and available through the Lindsey County Council.

During 1956, no action had to be taken under Section 47 of the National Assistance Act of 1948.

### **SCHOOL MEDICAL INSPECTIONS.**

Your Medical Officer is also School Medical Inspector and Assistant County Medical Officer. All schools in the district were inspected during the year. The state of health, general nutrition and cleanliness of the children was again of an extremely high standard and showed a vast improvement on the conditions prevailing in the old days.

### SCHOOL MEDICAL INSPECTIONS

Carried out in the Gainsborough Urban District during 1956.

DEFECT	Periodic Inspections		Special Inspections	
	No. of defects		No. of defects	
	Requiring Treatment	Requiring observation	Requiring Treatment	Requiring observation
<b>Skin</b> .....	3	4	—	—
<b>Eyes</b>				
(a) Vision .....	43	14	1	—
(b) Squint .....	4	2	—	—
(c) Other .....	—	—	2	—
<b>Ears</b>				
(a) Hearing .....	2	2	—	—
(b) Otitis Media .....	1	3	—	—
(c) Other .....	—	—	—	—
<b>Nose and Throat</b> .....	10	17	—	—
<b>Speech</b> .....	—	2	—	—
<b>Lymphatic Glands</b> .....	1	—	—	—
<b>Heart</b> .....	—	—	—	—
<b>Lungs</b> .....	2	8	—	—
<b>Developmental</b>				
(a) Hernia .....	—	—	—	—
(b) Other .....	—	—	—	—
<b>Orthopaedic</b>				
(a) Posture .....	—	1	—	—
(b) Feet .....	—	—	—	—
(c) Other .....	—	2	—	1
<b>Nervous System</b>				
(a) Epilepsy .....	—	—	—	—
(b) Other .....	—	—	—	—
<b>Psychological</b>				
(a) Development .....	—	3	—	3
(b) Stability .....	—	2	—	—
<b>Other</b> .....	—	5	—	1

**TUBERCULOSIS—GAINSBOROUGH CHEST CLINIC.**

Attendances at the Chest Clinic for the last four years, together with new cases:

	1956	1955	1954	1953
Attendances .....	1602	1551	1459	1281
New Cases .....	132	194	232	296

During the year under review, the Chest Clinic held at the John Coupland Hospital continued on the same lines as in the previous year.

There was a decrease in the number of new cases attending the Clinic, but there was a slight increase in the number found to have active Pulmonary Tuberculosis.

I am indebted to Dr. H. G. H. Butcher, Consulting Chest Physician for the above information.

**JUVENILE EMPLOYMENT CERTIFICATES.**

Number of children examined during the year for fitness for employment .....	24
Number of certificates granted .....	24
Number of certificates refused .....	Nil

**INFANT MORTALITY—ENGLAND & WALES.**

Total number of deaths:—

Year.	Number.
1945 .....	31,959
1946 .....	33,541
1947 .....	36,849

Since 1947 there has been a substantial decrease each year, bringing the total figure for 1956 down to 16,554.

**INFANTILE MORTALITY RATES—ENGLAND & WALES.**

(Deaths of Infants under 1 year of age per 1,000 live births).

Year.	Rate.
1947 .....	41.4
1948 .....	33.9
1949 .....	32.4
1950 .....	29.6
1951 .....	29.7
1952 .....	27.6
1953 .....	26.8
1954 .....	25.5
1955 .....	24.9
1956 .....	23.8

**ANNUAL REPORT**  
of the  
**Public Health Inspector**  
for the year 1956

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**TO THE CHAIRMAN AND MEMBERS OF  
THE URBAN DISTRICT COUNCIL OF GAINSBOROUGH.**

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit my tenth Annual Report on the work of the public health inspectorate during the year.

With the coming into force of the Food Hygiene Regulations, most of the Department's efforts were directed towards the inspection of premises and interpretation of the Regulations in particular instances where difficulties arose. A film show followed by discussion was given to interested traders in order to convey the broad import of this new legislation and to emphasise the requirements in relation to washing facilities. By the end of the year, the majority of the food shops in the town had been inspected and many of the traders willingly co-operated to bring their premises up to the required standard.

The reciprocal arrangements for meat inspection during holiday periods arranged with the Gainsborough Rural District Council the previous year continued to operate most satisfactorily. It was disturbing to note the increase in the incidence of *Cysticercus Bovis* among cattle slaughtered locally, the diagnosis of which involves the closest concentration on the part of the inspectors.

The departure of the general assistant in November to take up another appointment, together with the regrettable absence of the Medical Officer of Health due to illness, resulted in adjustments having to be made in the day to day working of the Department, the effects of which will not really be felt until 1957.

**FACTORIES ACTS, 1937 & 1948.**

The number of factories on the register, including 11 bake-houses is 93. During the year, 208 visits were paid to these premises, which resulted in 12 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 list of Outworkers required to be kept under Section 110 of the Factories Act, 1937, contains the names of 12 persons resident in the area.

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.**

**Inspections for purposes of provisions as to health.**

Premises.	Number on Register	Inspections	Number of Written Notices	Occupiers Prosecuted
(i) Factories in which Secs. 1, 2, 3, 4 and 6 are to be enforced by Local Authori- ties .....	6	14	1	—
(ii) Factories not in- cluded in (i) in which Section 7 is enforced by Local Authority .....	85	191	2	—
(iii) Other premises in which Sec. 7 is en- forced by the Local Authority exclud- ing outworkers ...	2	3	—	—
Totals .....	93	208	3	Nil

**Cases in which defects were found.**

Particulars	Number of Cases in Which Defects Were Found.				Number of Cases in which Prosecutions were Instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness .	6	6	—	3	—
Overcrowding .....	—	—	—	—	—
Unreasonable temp. .	—	—	—	—	—
Inadequate ventilation .....	—	—	—	—	—
Ineffective drainage of floors .....	—	—	—	—	—
Sanitary conveniences					
(a) Insufficient ...	2	1	—	1	—
(b) Unsuitable or defective .....	4	4	—	—	—
(c) Not separate for sexes .....	—	—	—	—	—
Other offences against the Act .....	1	1	—	1	—
<b>Totals ...</b>	<b>13</b>	<b>12</b>	<b>Nil</b>	<b>5</b>	<b>Nil</b>

**SMOKE ABATEMENT.**

During the year, sixteen observations were made of industrial chimneys after receiving complaints of the deposition of soot and grit on surrounding properties. All too often the plea of low-grade fuel was made when, in fact, adjustments in firing technique would go far to eliminate this nuisance. Furthermore, it has been demonstrated that fully ten per cent. of fuel is wasted when black smoke is produced, which means a substantial financial loss over a year's working.

A number of the provisions of the Clean Air Act, 1956, came into force on 31st December, but the main provisions for the control of dark smoke and grit will not come into operation until the appointed day in 1958. Meanwhile the relevant sections of the Public Health Act, 1936, remain in force. —

**FOOD.**

There are 206 food premises in the area comprising the following types of business:—

Grocers .....	68	Greengrocers ...	21	Mixed Grocery .	11
Butchers .....	35	Fried Fish .....	18	Bakers .....	11
Confectioners ...	28	Wet Fish .....	5	Cafes .....	9

The following premises are registered under Section 14 of the Food and Drugs Act, 1938:—

Preserved Food .....	17	Storage of Ice Cream .....	63
		Ice Cream Manufacturing .....	2

42 visits of inspection were made to the 17 registered food premises during the year.

All purveyors of ice cream were visited to secure compliance with the Ice Cream (Heat Treatment) Regulations 1947-1952.

No further educational activities were embarked upon neither was any clean food guild established.

All condemned food is disposed of by burial in the Council's controlled tip.

Routine food inspection was carried out and it was not found necessary to make special examinations of bulk consignments.

I am indebted to Mr. G. Collinson, D.P.A., County Health Inspector, for supplying the following details of samples taken within the Council's area by the Lindsey County Council as Food and Drugs Authority under the Act.



**SAMPLES TAKEN UNDER FOOD AND DRUGS ACT, 1938.**

Article Sampled.	No. of Samples taken.
Milk .....	27
Channel Island and similar Designated Milk ...	1
Cream .....	2
Condensed Milk .....	1
Ice Cream .....	4
Margarine .....	7
Cheese .....	1
Lard .....	4
Suet .....	1
Sausages and Sausage Meat .....	9
Potted Meat .....	—
Meat Paste and Spreads .....	—
Meat Pie (all descriptions) .....	—
Other Meat Products .....	1
Fish Cakes .....	2
Tinned Fish and other Fish Products (except paste) ...	1
Peas (all types) .....	1
Other canned vegetables .....	1
Sauces (all types) .....	4
Seasoning (all types) .....	5
Flavouring Substance (all types) .....	5
Soups (Tinned and Powder) .....	2
Preserves (Jam and Marmalade) .....	—
Tinned Fruit .....	2
Vinegar .....	1
Dried and Preserved Fruit (open) .....	1
Stout and Ale .....	—
Miscellaneous Wines .....	1
Soft Drinks .....	—
Sugar Confectionery (Sweets) .....	5
Jellies .....	2
Flour .....	—
Artificial Colouring .....	1
Miscellaneous Foods .....	9
Drugs .....	8
Total .....	109

All the above were satisfactory with the exception of the following samples:—

Two samples of Pork Sausages with meat deficiencies of 10.6 and 8.56 per cent respectively—warnings were issued.

One sample of Channel Island Milk deficient in milk fat to the extent of .20 per cent—a warning issued.

One sample of Sterilised Milk with a deficiency in milk solids other than fat to the extent of .04 per cent. (no evidence of added water)—a warning was also issued in this case.

**FOODS CONDEMNED DURING 1956.**

Cooked Ham .....	1,973 lbs.
Corned Beef .....	377 lbs.
Tongues .....	48 lbs.
Jellied Veal .....	30 lbs.
Other Canned Meats .....	152 lbs.
Bacon .....	160 lbs.
Butter .....	34 lbs.
Margarine .....	20 lbs.
Cheese .....	129 lbs.
Sausages .....	73 lbs.
Canned Peaches .....	81 lbs.
Canned Pears .....	162½ lbs.
Canned Apricots .....	94 lbs.
Canned Pineapple .....	89 lbs.
Canned Oranges .....	24 lbs.
Canned Fruit Salad .....	17 lbs.
Canned Cherries .....	44 lbs.
Canned Cream .....	4 Cans
Cereals .....	14 lbs.
Fish Paste .....	4 Bottles
Raddishes .....	48 lbs.
Rhubarb .....	2 lbs.
Strawberries .....	15 lbs.
Canned Plums .....	102 lbs.
Canned Grapefruit .....	13½ lbs.
Canned Raspberries .....	11 lbs.
Canned Loganberries .....	25 lbs.
Canned Grapes .....	38 lbs.
Canned Damsons .....	45 lbs.
Syrup .....	18 lbs.
Preserves .....	23 lbs.
Honey .....	2 jars
Canned Tomatoes .....	307 lbs.
Canned Peas .....	121 lbs.
Canned Beans .....	82 lbs.
Canned Soup .....	91 lbs.
Vegetable Salad .....	18 lbs.
Canned Milk .....	340 Cans
Cakes and Biscuits .....	48 lbs.
Dried Fruit .....	12 lbs.
Canned Fish .....	32½ lbs.
Yoghourt .....	13 bots.

### SHOPS ACT, 1950.

102 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. 7 contraventions were found and remedied without recourse to formal action.

### MILK and DAIRIES.

There are seven distributors of milk on the register and twenty-nine shops are licensed by the Council for the sale of Sterilised Milk.

Four dairies are registered under the Milk and Dairies Regulations, 1949. The following Dealers licences were issued during the year:—

Sterilised .....	29	Tuberculin Tested .....	6
Pasteurised .....	5		

During the year 54 reports in respect of Pasteurised Milk and 54 in respect of Tuberculin Tested Pasteurised Milk were received from the County Health Inspector, all of which proved to be satisfactory.

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

The Council remains responsible for the issue of Dealers' and Supplementary licences and the conditions under which milk is retailed to the public, including the registration of dairy premises and distributors.

### THE MILK (SPECIAL DESIGNATIONS) (SPECIFIED AREAS) ORDER, 1956.

The above Order, which came into operation on the 16th April, required all milk sold within the district to be sold under special designation.

The special designations authorised by the Milk (Special Designation) Regulations, 1949 to 1954, are "Pasteurised," "Sterilised" and "Tuberculin Tested."

## Meat, Foods and Slaughterhouse Inspections

### CARCASSES INSPECTED AND CONDEMNED

	Cattle excl'd'g Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed.....	680	133	—	1998	3787
Number inspected .....	680	133	—	1998	3787
<i>All disease except Tuberculosis.</i>					
Whole Carcasses condemned .....	—	—	—	—	2
Carcases of which some part or organ was condemned .....	199	14	—	3	308
Percentage of number inspected affected with disease other than tuberculosis .....	29.26	10.52	—	0.15	8.16
<i>Tuberculosis only.</i>					
Whole Carcasses condemned .....	5	1	—	—	3
Carcases of which some part or organ was condemned .....	66	19	—	—	270
Percentage of number inspected affected with tuberculosis .....	10.44	15.04	—	—	7.2
<i>Cysticercosis.</i>					
Carcases of which some part or organ was condemned .....	6	—	—	—	—
Carcases submitted to treatment by refrigeration .....	6	—	—	—	—
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 offals were condemned as unfit for human consumption at the Two Licensed Slaughterhouses within the district:—

6 Beasts Carcasses (sent for refrigeration) ...	Cysticercus Bovis
6 Beasts Carcasses and all Offals .....	Generalised Tuberculosis
1 Forequarter of Beef .....	Tuberculosis
60 lbs. Forequarter Beef .....	Pleurisy
20 lbs. Beef .....	Bruising
30 Beasts Heads and Tongues .....	Actinomycosis
5 Beasts Heads and Tongues .....	Cysticercus Bovis
35 Beasts Heads and Tongues .....	Tuberculosis
59 Sets Beasts Lungs .....	Tuberculosis
5 Beasts Hearts .....	Tuberculosis
18 Beasts Livers .....	Tuberculosis
6 Beasts Kidneys .....	Tuberculosis
6 Beasts Stomachs .....	Tuberculosis
19 Sets Beasts Intestines .....	Tuberculosis
5 Beasts Thick Skirts .....	Tuberculosis
3 Sets Beasts Lungs .....	Abscesses
1 Set Beasts Lungs .....	Actinobacillosis
1 Beasts Liver .....	Actinobacillosis
1 Set Beasts Lungs .....	Pleurisy
3 Sets Beasts Lungs .....	Pneumonia
8 Sets Beasts Lungs .....	Pulmonary Distoma
1 Beasts Heart .....	Abscesses
1 Beasts Heart .....	Adenoma
30 Beasts Livers .....	Abscesses
9 Beasts Livers .....	Cirrhosis
68 Beasts Livers .....	Distomatosis
2 Beasts Livers .....	Telangiectasis
3 Beasts Livers .....	Bacterial Necrosis
17 Beasts Part Livers .....	Abscesses
28 Beasts Part Livers .....	Cirrhosis
82 Beasts Part Livers .....	Distomatosis
1 Beasts Stomach .....	Abscesses
2 Sets Beasts Intestines .....	Abscesses
1 Set Beasts Intestines .....	Enteritis
1 Set Beasts Intestines .....	Oesophagostomum Columbianum
1 Beasts Thick Skirt .....	Abscesses
2 Beasts Thick Skirts .....	Cysticercus Bovis
9 Beasts Hearts .....	Cysticercus Bovis
1 Sheeps Head and Pluck .....	Abscesses
1 Sheeps Head and Pluck .....	Cysts
1 Sheeps Liver .....	Necrosis
1 Sheeps Liver .....	Dictyocaulus Filaria
3 Pig Carcasses and all Offal .....	Generalised Tuberculosis

1 Pig Carcase and all Offal .....	Echinococcus Multilocularis
1 Pig Carcase and all Offal .....	Acute Pneumonia
1 Pig Carcase and all Offal .....	Moribund
18 lbs. Pork .....	Bruising
72 lbs. Pork .....	Oedema
20 lbs. Pork .....	Abscesses
285 Pigs Heads .....	Tuberculosis
1 Pigs Head .....	Abscesses
1 Pigs Pluck .....	Abscesses
1 Pigs Pluck .....	Cysts
9 Pigs Plucks .....	Hepatitis
1 Pigs Pluck .....	Inflammation
37 Pigs Plucks .....	Pneumonia
46 Pigs Plucks .....	Tuberculosis
7 Pigs Plucks .....	Pericarditis
3 Pigs Plucks .....	Pleurisy
41 Sets of Pigs Intestines .....	Enteritis
1 Set of Pigs Intestines .....	Peritonitis
3 Sets of Pigs Intestines .....	Ascaris Lumbricoides
56 Sets of Pigs Intestines .....	Tuberculosis
2 Pigs Kidneys .....	Cysts
3 Pigs Kidneys .....	Hydronephrosis
2 Pigs Kidneys .....	Tuberculosis
1 Pigs Kidney .....	Embryonal Nephroma
288 Pigs Livers .....	Ascaridae
2 Pigs Livers .....	Cirrhosis
1 Pigs Liver .....	Echinococcus

#### FATSTOCK GUARANTEE SCHEME.

Both your Inspectors are appointed Certifying Officers by the Ministry of Agriculture, Fisheries and Food under the above scheme. During the year 65 pig carcasses were certified for guarantee payment.

#### SLAUGHTER OF ANIMALS ACT, 1933 to 1954.

There are 42 slaughtermen licensed by the Council under the above Acts.

#### OFFENSIVE TRADES.

The number on the register is four and seventeen visits were paid to these premises to ensure compliance with the Byelaws. Three contraventions were noted and dealt with 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.

### **REFUSE COLLECTION.**

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.

143 dustbins were provided and 145 dustbins were renewed by the Council under Section 75(3) of the Public Health Act, 1936.

### **REFUSE DISPOSAL.**

The amount of domestic refuse dealt with at the tip was estimated to be 8,727 tons for the year ending 31st March, 1957.

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

Tipping operations are carried out in fields north of the flood bank in Causeway Lane which were acquired by the Council for the construction of sewage works and which require to be raised above the flood level of the River Trent.

### **SALVAGE**

262 tons 8½ cwts. of waste paper were collected by the Department, which together with other items, realised a gross value of £2,056 9s. 0d.

Due to the abnormally high stocks of salvaged paper which had accumulated at the mills, Councils were asked to limit their deliveries during the latter half of the year, which, in our case, amounted to a maximum of 120 tons for the period July to December.

This resulted in an excessive quantity of waste paper having to be dealt with at the tip with all its attendant difficulties. As our deliveries over the first six months were in excess of the new quota, the fall in receipts amounted to only 4% of the previous year's figure.

### HOUSE REFUSE COLLECTION AND DISPOSAL.

(Financial Year Ending:—31st March, 1957)

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

Refuse Collection and Disposal	£	15,206	s	6	9
Revenue...		2,355		4	3
		<u>12,851</u>		<u>2</u>	<u>6</u>
Nett Cost		12,851	2	6	

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
17,440	1	1	2 Ten Cu. Yd. Side Loading and 1 Seven Cu. Yd. Rear Ldg. Motor Vehicles	Controlled Tip	£12,851	8,727	5,668	£2.3	£2,268	14/9	£737

Rate Represented for Collection and Disposal 17.4d.



### **INFECTIOUS DISEASES.**

Fourteen cases of infectious disease were referred to me by your Medical Officer of Health for disinfection.

### **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 and two cases were dealt with during the year.

### **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.

### **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.

### **MOVEABLE DWELLINGS**

There are five moveable dwellings licensed by the Council under Section 269 of the Public Health Act, 1936.

### **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.

**SANITARY IMPROVEMENTS EFFECTED.**

Drains cleansed or repaired	....	....	....	....	....	28
Drains constructed	....	....	....	....	....	2
Drain Ventilators fixed or repaired	....	....	....	....	....	4
Inspection Chambers rebuilt	....	....	....	....	....	2
Water Closets cleansed or repaired	....	....	....	....	....	38
Water Closet structures repaired	....	....	....	....	....	10
Sink waste pipes repaired or renewed	....	....	....	....	....	9
New sinks provided	....	....	....	....	....	2
Portable Dustbins provided by Local Authority in default	....	....	....	....	....	143
Portable Dustbins provided by Owners	....	....	....	....	....	64
Yard Pavements etc., repaired	....	....	....	....	....	6
Roofs repaired	....	....	....	....	....	42
Floors repaired	....	....	....	....	....	4
Rain water pipes and eaves gutters repaired	....	....	....	....	....	62
Foodstores repaired or provided	....	....	....	....	....	4
Plaster of walls and ceilings repaired	....	....	....	....	....	39
Firegrates repaired, re-set or renewed	....	....	....	....	....	15
Windows, skylights repaired	....	....	....	....	....	24
Wash-house structures repaired	....	....	....	....	....	9
Coppers re-set, repaired or provided	....	....	....	....	....	2
Chimneys repaired or pointed	....	....	....	....	....	19
External walls pointed, repaired, etc.	....	....	....	....	....	24
Coal stores erected or repaired	....	....	....	....	....	5
Stairs repaired or renewed, Handrails fixed	....	....	....	....	....	12
Skirtings fixed	....	....	....	....	....	4
Doors repaired	....	....	....	....	....	8
W.C. pans replaced	....	....	....	....	....	21
W.C. Flushing cisterns repaired	....	....	....	....	....	32

**HOUSING ACT, 1949**

In 1955, owing to difficulties in staffing, the duties of dealing with grants for the improvement of housing accommodation were transferred to the Surveyor's Department.

By the end of the year, 4 applications received approval by the Council.

**HOUSING REPAIRS AND RENTS ACT, 1954**

During the year, no applications for Certificates of Disrepair were received and only one application for revocation of a Certificate of Disrepair was made and subsequently approved by the Council.

This Act was largely rendered ineffective by the high standard of repair which discouraged landlords from serving notices of rent increase.

**NEW BUILDINGS**

During the year, 46 permanent houses were erected by the Council and 59 by other bodies or persons.

**WATER CLOSET ACCOMMODATION**

With the exception of four premises, all dwellings in the town are on the water carriage system.

### 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 twelve month period ending 31st March, 1957.

	Type of Property.				Total
	Local Authority.	Dwelling Houses.	Agri-cultural.	All other (including business premises).	
Number of properties in Local Authority's district.	13	5462	12	967	6454
Number of properties inspected.	29	1973	20	655	2677
Number of properties inspected which were found to be infested by rats.	Major 2	0	0	2	4
	Minor 9	387	0	8	404
Number of properties inspected which were found to be infested by mice.	Major 0	0	0	2	2
	Minor 1	25	0	1	27
Number of properties treated by the Local Authority.	12	412	0	13	437
Number of "block" control schemes carried out.	—	12	—	6	18

During the year, 101 premises were treated for minor insect infestations.

INSPECTIONS MADE DURING THE YEAR.

Houses—Public Health Acts: Visits	....	....	....	....	....	343
Complaints investigated	....	....	....	....	....	520
Visits to Property under Notice	....	....	....	....	....	270
Common Lodging Houses	....	....	....	....	....	4
Factories—Mechanical Power	....	....	....	....	....	191
Factories—No Mechanical Power	....	....	....	....	....	14
Infectious Disease Cases	....	....	....	....	....	14
Drainage Work	....	....	....	....	....	46
Shops Act	....	....	....	....	....	102
Bakehouses	....	....	....	....	....	24
Fried Fish Shops	....	....	....	....	....	33
Other Food Preparation	....	....	....	....	....	210
Wet Fish Shops	....	....	....	....	....	9
Butchers Shops	....	....	....	....	....	57
Markets	....	....	....	....	....	104
Meat Inspection	....	....	....	....	....	342
Offensive Trades	....	....	....	....	....	17
Ice Cream Shops	....	....	....	....	....	61
Dairies and Milk Shops	....	....	....	....	....	11
Vermin	....	....	....	....	....	90
Depot and Tip	....	....	....	....	....	63
Refuse Collection	....	....	....	....	....	58
Marine Stores	....	....	....	....	....	3
Interviews with owners	....	....	....	....	....	53
Miscellaneous	....	....	....	....	....	5
Water Samples	....	....	....	....	....	285
Unsound Food	....	....	....	....	....	146
Overcrowding	....	....	....	....	....	4

Total .... 3,079

### WATER SUPPLY.

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

(ii) **BACTERIOLOGICAL EXAMINATIONS.**

During the year, 285 samples of water were submitted for bacteriological examination both before and after chlorination. Results are reported upon in accordance with the Ministry of Health's suggested classification.

**RAW WATER.**

Class 1 (Highly satisfactory) .....	79	89.8%
Class 2 (Satisfactory) .....	8	9.1%
Class 3 (Suspicious) .....	1	1.1%
Class 4 (Unsatisfactory) .....	0	
Total .....	88	

**WATER GOING INTO SUPPLY.**

Class 1 (Highly satisfactory) .....	175	88.8%
Class 2 (Satisfactory) .....	6	3.0%
Class 3 (Suspicious) .....	2	1.1%
Class 4 (Unsatisfactory) .....	11	5.6%
Doubtful .....	3	1.5%
Total .....	197	

**CHEMICAL ANALYSIS.**

Three samples of water were taken during the year and were reported upon as "Satisfactory."

(iii) As the water has an average total hardness of 344 parts per million and an average pH value of 7.5 the possibility of the water having a plumbo-solvent action is extremely remote.

(iv) The water is chlorinated at the waterworks by means of an automatic chlorinating and recording apparatus.

(v) Number of dwellinghouses supplied from public water mains direct .....

Number of dwellings supplied by means of stand-pipes .....

The average Flourine content of the borehole water is 0.22 parts per million.

### **DRAINAGE AND SEWERAGE.**

During the year, the first stage of the Eastern Area Sewage scheme was completed by the erection of the Heapam Road Sewage disposal works, together with pump-house, 500 yards of twelve-inch collection sewer and 1,575 yards of cast iron pumping main.

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In concluding my report, I wish to extend my thanks to the Chairman and Members of the Health Committee for their unstinted co-operation; to the Medical Officer of Health for his invaluable help at all times and to the Additional Public Health Inspector and Health Department Staff for their ready and willing assistance.

I am, Mr. Chairman, Ladies and Gentleman,

Your obedient servant,

JOHN CARTER







