

**[Report 1960] / Medical Officer of Health, Grantham Borough.**

**Contributors**

Grantham (England). Borough Council.

**Publication/Creation**

1960

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BOROUGH OF



GRANTHAM



# ANNUAL REPORT

of the Health of the Borough  
for the Year

## 1960

BY THE

### Medical Officer of Health

TO WHICH IS APPENDED THE  
ANNUAL REPORT OF THE

### Chief Public Health Inspector



BOROUGH OF GRANTHAM

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HEALTH COMMITTEE

Councillor E. Smith (Chairman)

Councillor W. A. Ogden (Vice-Chairman)

Alderman B. H. Sindall

Alderman J. Hardaker

Councillor W. O. Heath

Councillor M. Ogden

Councillor G. R. Lee

Councillor A. L. Ramsden

Councillor T. H. Scott

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PUBLIC HEALTH OFFICERS

Medical Officer of Health :

C. W. SHEARER, M.B., Ch.B., D.P.H.

Chief Public Health Inspector :

C. TAYLOR, (a), (b), (c), (d)

Additional Public Health Inspector

C. MATHESON, (a), (b)

- (a) Holds Certificate of Royal Society of Health or of Examination Joint Board as Public Health Inspector.
- (b) Holds Certificate of Royal Society of Health as Inspector of Meat and Other Foods.
- (c) Holds Certificate of Royal Society of Health as Smoke Inspector.
- (d) Holds Certificate of Royal Society of Health for Sanitary Science.

## BOROUGH OF GRANTHAM

## STATISTICS

Population (Census 1951) .. .. .	23,405
Population (Mid-year estimate) .. .. .	24,650
Area of Borough .. .. .	3,868 acres
Rateable Valuation (1st April, 1960) .. .. .	£311,269
Sum represented by penny rate (year ending 31st March, 1960) .. .. .	£1,239

## VITAL STATISTICS

LIVE BIRTHS	M.	F.	Total
Legitimate .. .. .	185	184	369
Illegitimate .. .. .	11	7	18
Live Birth rate per thousand population ..		(17.1)	15.7
Illegitimate Live Births per cent of total live births .. .. .			4.7%
STILL BIRTHS	M.	F.	Total
Legitimate .. .. .	2	4	6
Illegitimate .. .. .	—	1	1
Rate per 1,000 live and still births ..		(19.7)	18.0
TOTAL LIVE AND STILL BIRTHS ..			394
INFANT MORTALITY	M.	F.	Total
Deaths of Infants under 1 year .. .. .	4	2	6
Legitimate .. .. .	4	2	6
Illegitimate .. .. .	—	—	—
Deaths of Infants under four weeks ..	2	1	3
Deaths of Infants under one week ..	2	1	3
Infant Mortality rate per 1,000 live births		(21.7)	15.5
Legitimate .. .. .			16.3
Illegitimate .. .. .			0
Neo-natal mortality rate per 1,000 live births			7.8
Early Neo-natal mortality rate per 1,000 live births .. .. .			7.8
Peri-natal mortality rate .. .. .		(35.3)	25.4
MATERNAL MORTALITY			
Deaths from Maternal Causes .. .. .			0
Maternal deaths per 1,000 total births ..		(0.39)	0
DEATHS	M.	F.	Total
Number of Deaths .. .. .	151	145	296
Crude Death Rate per 1,000 population ..			12.0
Corrected (for age and sex) death rate ..		(11.5)	12.0

*Figures in brackets are average for England and Wales*

**REPORT OF THE MEDICAL OFFICER OF HEALTH**

16, St. Peter's Hill,  
Grantham.

To the Mayor, Alderman and Councillors of the  
Borough of Grantham.

Ladies and Gentlemen,

I have the honour to present the Annual Report on the health, vital statistics and sanitary conditions of the Borough for the year 1960.

The Infant Mortality Rate was again well below the National Average and the Still Birth Rate was also low. As for several years past, there was no maternal death.

For the third year in succession, no case of Poliomyelitis was notified. Experience in North America has, however, shown that a few years of comparative freedom from the disease are likely to be followed by a recurrence of outbreaks, if any large section of the population remains unimmunized. I must again urge all those eligible to be immunized, and to have booster injections as required.

I must also urge parents to have their children immunized against diphtheria, though no case of this disease has been reported in Grantham since 1948. It is disquieting that several outbreaks of this disease occurred in different parts of the country during 1960.

There were no deaths from Tuberculosis, but more notifications than in 1959.

The death returns show one outstanding feature, the heavy death rate among males from cancer of the lung. This terrible disease accounted for about one-seventh of the total deaths among males, more than all other forms of cancer together. This is one of the outstanding public health problems of the present time, and can be tackled only on a national scale. I find the attitude of the Government quite incomprehensible. If the national authorities consider that the evidence for the association of this disease with cigarette smoking is convincing, clearly there is a need for drastic action at national level to stop the consumption of cigarettes. If the authorities find the evidence unconvincing, there is little point in doing anything. The national Government has, however, adopted what is no doubt a typically British compromise. The Health Authorities, (in this area, the County Council) are allowed to spend small sums of money in pointing out to the public the possible dangers of smoking. At the same time, of course, the tobacco firms are spending enormously larger sums in urging the public to buy their wares; this propaganda is now directed mainly at the youngest section of the adult population, making use of the theme of "love's young dream."

It was not found necessary to take action under Section 47 of the National Assistance Act, 1948, during the year.

The following three paragraphs are included by direction of the Ministry of Health.

**Water Supply**—This is provided by the Grantham Waterworks Company and is adequate in quantity and satisfactory in quality. Eighteen samples of the water supply were taken and found satisfactory on bacteriological examination. The raw water was not sampled as the waterworks are outside the Borough. A report of chemical analysis is given in the Chief Public Health Inspector's report. No evidence of plumbo-solvent action is known. No action was required in respect of contamination. All houses in the Borough are supplied with water direct from the mains except for a very few which are supplied from shallow wells.

**Public Swimming Baths**—There are two open-air Public Swimming Baths in the Borough in Dysart Park and Wyndham Park (these are open only in the summer). Both are filled with water taken from the River Witham. The water is filtered and chlorinated, and is pumped through continuously. Six bacteriological samples were taken, three from each bath, and all were satisfactory.

**Sewerage**—The Sewage from the Borough is disposed of at the Borough Sewage Farm, Marston, about five miles away, the effluent passing into the River Witham. The system is adequate in that it provides sewage disposal by water carriage for almost the whole town.

Samples of the effluent taken by the River Board's Officers have been fairly satisfactory, though there is some risk of pollution occurring in very dry weather when the river provides little dilution for the effluents. Complaints about the smell arising from the farm have also been made from time to time by residents of Marston. In my view, a new sewage disposal works will be required if there is any considerable increase in the population of Grantham.

A comprehensive account of the Department's work in the field of housing, food hygiene and other environmental matters, follows in the report of the Chief Public Health Inspector. During the year the Beacon Lane and Earlesfield Smoke Control Orders were confirmed. The scheme for a new abattoir sponsored jointly by the Borough and the West Kesteven Rural District was abandoned. The work of the Department is constantly increasing, and the shortage of staff imposes a severe handicap. I must ask the Committee to consider seriously the establishment of an additional Health Inspector.

I have to thank all members of the Council, colleagues in other departments, and all in the Public Health Department, for their continued interest, courtesy, and unfailing help throughout the year.

I am, Ladies and Gentlemen,

Your Obedient Servant,

CHARLES W. SHEARER.

## ANALYSIS OF CASES OF NOTIFIABLE INFECTIOUS DISEASES AND DEATHS

Notifications received during the year

Disease	Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Scarlet Fever ... ..	13	—	—
Pneumonia ... ..	2	1	10
Measles ... ..	2	—	—
Encephalitis ... ..	—	—	—
Whooping Cough ... ..	83	—	—
Diphtheria ... ..	—	—	—
Anterior Poliomyelitis ... ..	—	—	—
Erysipelas ... ..	2	—	—
Dysentery ... ..	6	3	—
Puerperal Pyrexia ... ..	15	15	—
Paratyphoid Fever ... ..	—	—	—
Food Poisoning ... ..	—	—	—
Meningococcal Meningitis ... ..	1	1	—
Total ... ..	124	20	10

### Age Distribution of the Notified Infectious Diseases

	Not known	Under 1	1—	2—	3—	4—	5—	10—	15—	20—	25—	35—	45—	55—	65 and over	Total
Scarlet Fever ... ..					3	4		5	1							13
Pneumonia ... ..								1			1					2
Measles ... ..					1		1									2
Encephalitis ... ..																—
Whooping Cough ... ..		8	9	11	7	10	32	5	1							83
Diphtheria ... ..																—
Anterior Poliomyelitis ... ..																—
Erysipelas ... ..	1													1		2
Dysentery ... ..				2			2		1				1			6
Puerperal Pyrexia ... ..		1							1	8	5					15
Paratyphoid Fever ... ..																—
Food Poisoning ... ..																—
Meningococcal ... ..									1							1
Total ... ..	2	8	9	13	11	14	35	11	5	8	6	—	1	1	—	124

CAUSES OF DEATH, 1960	Male	Female
All causes .. .. .	151	145
Tuberculosis of respiratory system .. .. .	—	—
Other forms of Tuberculosis .. .. .	—	—
Syphilitic disease .. .. .	—	—
Diphtheria .. .. .	—	—
Whooping Cough .. .. .	—	—
Meningococcal infections .. .. .	—	—
Acute poliomyelitis .. .. .	—	—
Measles .. .. .	—	—
Other infective and parasitic diseases .. .. .	1	1
Malignant neoplasm, stomach .. .. .	2	4
Malignant neoplasm, lung, bronchus .. .. .	22	1
Malignant neoplasm, breast .. .. .	—	10
Malignant neoplasm, uterus .. .. .	—	5
Other malignant and lymphatic neoplasms .. .. .	15	12
Leukaemia, aleukaemia .. .. .	1	—
Diabetes .. .. .	3	2
Vascular lesions of nervous system .. .. .	13	24
Coronary disease, angina .. .. .	32	18
Hypertension with heart disease .. .. .	2	1
Other heart disease .. .. .	15	20
Other circulatory disease .. .. .	14	11
Influenza .. .. .	—	—
Pneumonia .. .. .	8	2
Bronchitis .. .. .	2	4
Other diseases of respiratory system .. .. .	—	3
Ulcer of stomach and duodenum .. .. .	1	—
Gastritis, enteritis and diarrhoea .. .. .	1	—
Nephritis and nephrosis .. .. .	—	—
Hyperplasia of prostate .. .. .	—	—
Pregnancy, childbirth, abortion .. .. .	—	—
Congenital malformations .. .. .	—	—
Other defined and ill-defined diseases .. .. .	11	23
Motor vehicle accidents .. .. .	5	2
All other accidents .. .. .	—	1
Suicide .. .. .	3	1
Homicide and operations of war .. .. .	—	—

## TUBERCULOSIS

Age Groups	Deaths during 1960				New cases during 1960			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M	F	M	F	M	F	M	F
0— 1 year ..	—	—	—	—	—	—	—	—
1— 5 years ..	—	—	—	—	1	—	—	—
5—15 years ..	—	—	—	—	—	—	—	—
15—25 years ..	—	—	—	—	1	—	—	—
25—35 years ..	—	—	—	—	1	—	—	2
35—45 years ..	—	—	—	—	1	1	—	—
45—55 years ..	—	—	—	—	3	1	—	—
55—65 years ..	—	—	—	—	1	1	—	—
65 and over ..	—	—	—	—	1	—	—	—
Not known ..	—	—	—	—	—	—	—	—
Total ..	—	—	—	—	9	3	—	2

INFANT DEATHS FROM STATED CAUSES

CAUSE OF DEATHS	Under one day	1—7 days	1—4 weeks	Total Under 4 weeks	1—3 Months	3—12 Months	Total Under 1 Year
Premature Birth	1	—	—	1	—	—	1
Malformation	—	—	—	—	—	—	—
Birth Injuries	1	—	—	1	—	—	1
Pneumonia & Bronchitis	—	1	—	1	1	—	2
Enteritis & Diarrhoea	—	—	—	—	—	—	—
Other Causes	—	—	—	—	—	2	2
<b>TOTAL</b>	<b>2</b>	<b>1</b>	<b>—</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>6</b>

## DEATHS FROM CANCER

	Cancer of :						Rate per 1,000 population
	Breast	Stomach	Lung, Bronchus	Uterus	All other sites	Total	
Male	—	2	22	—	15	39	
Female	10	4	1	5	12	32	
Total	10	6	23	5	27	71	2.9

## FACTORIES ACT, 1937 — ANNUAL REPORT OF M.O.H.

Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
1. Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	No Mechanical Power			
	20	17	—	—
2. Factories not included in (1) in which Section 7 is enforced by the Local Authority ...	Mechanical Power			
	131	119	19	—
3. Other premises in which Section 7 is enforced by the Local Authority (excluding Outworkers) ...	—	—	—	—
Total ...	151	136	19	—

## OUTWORKERS

Number of Outworkers in August list required by Section 110 (1) (c) (2) for making, etc., of Wearing Apparel is two.

## Cases in which defects were found

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness .. ..	21	13	—	—	—
Overcrowding .. ..	—	—	—	—	—
Unreasonable temperature ..	—	—	—	—	—
Inadequate ventilation .. ..	—	—	—	—	—
Ineffective drainage of floor ..	—	—	—	—	—
Sanitary Conveniences .. ..					
(a) Insufficient .. ..	1	—	—	—	—
(b) Unsuitable or defective ..	9	5	—	—	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act (not including those relating to Outwork) Section 9 .. ..	3	3	—	—	—
Total ..	34	21	—	—	—

### GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

#### NURSING IN THE HOME

Home nursing and domiciliary midwifery is still carried out by the District Nurses stationed at the District Nurses' Home, Castlegate.

#### HOME HELPS

Help for cases of illness and maternity cases is provided through the Maternity and Child Welfare Centre, 40, Westgate.

#### GENERAL HOSPITALS

The Grantham General Hospital and the Hillview Hospital, Dysart Road, cater for the needs of the area.

#### MATERNITY HOSPITALS

Maternity accommodation is provided at the above two hospitals.

#### ISOLATION HOSPITALS

There being no Isolation Hospital in the immediate neighbourhood, accommodation when required has to be sought in neighbouring areas.

## TUBERCULOSIS HOSPITALS

Sanatorium treatment for cases requiring it is arranged by the Regional Hospital Board, who are now responsible for the diagnosis and treatment of tuberculosis.

## TREATMENT CENTRES AND CLINICS

### (a) PROVIDED BY THE KESTEVEN COUNTY COUNCIL :

#### Child Welfare :

The Clinic, 40 Westgate—three clinics weekly, doctor in attendance Tuesday afternoon. Methodist Church Hall, Harrowby Lane—clinic every Wednesday afternoon, doctor in attendance thrice a month. The Clinic, Beaconfield—clinic every Thursday afternoon, doctor in attendance once a month, also Mothercraft Clinic every Monday afternoon.

#### Diphtheria Immunisation :

At the Child Welfare Clinic on Tuesday afternoons. Free immunisation can also be arranged with general practitioners.

#### School Clinics :

Beaconfield. Minor ailments daily 9.30 a.m. to 12 noon. Doctor in attendance Tuesday, 9.30 a.m. Specialist services by appointment.

#### Day Nursery :

The Day Nursery, St. Catherine's Road, provides for children of working parents.

### (b) PROVIDED BY THE REGIONAL HOSPITAL AUTHORITY :

#### Tuberculosis :

A weekly session is held by the Chest Physician in the Grantham Hospital Out-Patients' Department, on Monday morning.

#### Venereal Diseases :

A weekly session is held in the Out-Patients' Department of Grantham Hospital on Wednesdays at 10 a.m., and on Fridays (males only) from 6 p.m. to 7 p.m.

### (c) FAMILY PLANNING ASSOCIATION :

Beaconfield Clinic, second Tuesday of month, 2 p.m. to 3 p.m., and fourth Tuesday, 7 to 8 p.m.

## LABORATORY FACILITIES :

Bacteriological investigations are amply provided for by the Public Health Laboratory, St. Anne's Road, Lincoln. All necessary chemical analyses are done by Mr. W. W. Taylor, Public Analyst, Nottingham.

**REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR**

To the Mayor, Aldermen and Councillors of the  
Borough of Grantham.

Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report upon the environmental health services for the year 1960.

In addition to the usual routine work normally carried out, duties not previously undertaken arose under the Clean Air Act and considerable time was taken up by my assistant and myself in surveying some 800 houses in a proposed smoke control area; it is obvious that this Act will cause much additional work in the department. It is pleasing to record that the Earlesfield Smoke Control Order and the Beacon Lane Smoke Control Order received confirmation during the year and will come into operation from October, 1961.

One other matter of importance received close consideration, viz., the future of the slaughterhouse now controlled by the Council, and particulars relating to the Slaughterhouse Report sent to the Ministry are given later in this report.

Slum clearance was not proceeded with as quickly as it might have been because of the slowing down of the house building programme.

As is customary comments and statistics upon the various branches of work carried out during the year are given below under the usual headings.

**WATER SUPPLY**

The water supply throughout the borough is distributed by the Grantham Waterworks Co.; treatment of raw water was as described in previous reports, and the supply was adequate in quantity; eighteen samples taken from mains in different parts of the town indicated that bacteriologically the quality was satisfactory. In July the Grantham Waterworks Co., gave notice of intention to apply to the Ministry of Housing and Local Government under the Water Act, 1958 for an abstraction order enabling the Company to abstract water from the River Witham at Saltersford; no objection was lodged by the Borough Council after a meeting had taken place with the Health Sub-Committee and the Company's representatives.

A few shallow wells still remain, and none were closed during the year.

It is interesting to note that the annual rainfall for 1960 was 34.71 inches.

A report by the Public Analyst upon one sample of the town supply is given below :—

Sample No.	1
Supplied from :	Towns Main
ANALYSIS—Per million parts :—	
<b>Chemical</b>	
Total Solids dried at 180°C .. .. .	450.00
Suspended Matter .. .. .	Absent
Chlorides as chlorine .. .. .	35.50
Oxidised Nitrogen as nitrate .. .. .	9.35
Oxidised Nitrogen as nitrite .. .. .	Absent
Free and saline Ammonia .. .. .	0.192
Albuminoid Ammonia .. .. .	0.064
Temporary Hardness .. .. .	170.00
Permanent Hardness .. .. .	150.00
Oxygen absorbed in 4 hrs. at 80°F from N/80 KMnO <sub>4</sub>	0.00
pH value .. .. .	7.60
Appearance .. .. .	Clear and Bright
Odour .. .. .	None
Taste and Colour .. .. .	Normal
Heavy Metals .. .. .	Absent
Free Chlorine .. .. .	Absent
No. of colonies developing per ml. on agar at 21°C in 72 hrs. .. .. .	2
No. of colonies developing per ml. on agar at 37°C in 24 hrs. .. .. .	1
No. of colonies developing per ml. on agar at 37°C in 48 hrs. .. .. .	1
Coli-aerogenes count per 100 mls. at 37°C in 48 hrs.	0
Faecal coli count per 100 mls. at 44°C in 48 hrs. ..	0
Bacillus Coli (Presumptive) .. .. .	Absent in 100 mls

## DRAINAGE AND SEWERAGE

Improvements were made to the sewerage system at Gonerby Hill Foot to remedy nuisances caused by surcharging during heavy storm periods, and in this connection the storm water sewer was laid from Vacu-Lug entrance to Lymes Cafe.

New sewers were laid in Croft Drive, Earlesfield Estate, Denton Avenue and Harlaxton Road in connection with the new housing development.

The number of new drains at dwelling houses which were water tested was 87.

## COLLECTION AND DISPOSAL OF REFUSE

The refuse collection service was frequently under review because of additional new dwellings coming into occupation and

requiring a service, but in the main a weekly collection was maintained and very few complaints were received. A five day week for all employees was operated except for a short spell during the winter months. A further new S. & D. Fore & Aft Tipper was purchased in October, making a fleet of five collection vehicles; this additional vehicle greatly assisted the operation of a regular collection service, but towards the end of the year difficulty was experienced in keeping an adequate labour force because of other more remunerative work being available in the locality for general labourers.

All refuse was disposed of at Sudbrook tip; this has proved an ideal site for refuse disposal, ample covering material is available on the site and the area to be filled in is sufficient to take the town's refuse for a few years yet; it is unfortunate however, that expenditure must be incurred in transporting refuse a distance of eight miles from the town, and no opportunity should be lost of investigating any possible tipping sites less remote.

Recovery of salvage materials continued to be an important part of the disposal service and quantities sold during 1960 were :—

	T.	C.	Q.	lbs.
Mixed Waste Paper and Cardboard	322	8	3	—
Rags, Woollens and Sacking ..	5	4	—	—
Scrap Iron, Non Ferrous Metals, Tins, Tyres and Accumulators ..	11	—	—	—
	<hr/>	<hr/>	<hr/>	<hr/>
	338	12	3	—
	<hr/>	<hr/>	<hr/>	<hr/>

### MOVEABLE DWELLINGS

As in former years many visits were made to caravans parked temporarily on various plots of waste land, and no quick and effective method seems available for dealing with nuisances caused by this type of caravan dweller. Two licences were granted under Section 269 of the Public Health Act, 1936 for two small sites to be used for the stationing of caravans for a period of twelve months only. These were licenced for the benefit of employees engaged on the Grantham Bye-pass.

The Caravan Sites and Control of Development Act came into operation during the year, and at a meeting of Public Health Inspectors together with the County Medical Officer of Health and County Planning Officer of Kesteven a list of conditions which should be attached to Site Licences was adopted as a County Standard. The Borough Health Committee considered the County Standard and agreed to require any applicant for a site licence in the future to conform to the conditions laid down therein.

### PREVENTION OF DAMAGE BY PESTS ACT, 1949

Rodent destruction was carried out very efficiently by your

Rodent Officer who dealt with 121 complaints received at the office, and a summary of visits for the purpose of survey and treatment is tabulated below.

	Council property	Dwelling property	Business property	Agri-cultural property	Total
No. of properties surveyed	17	296	70	4	387
No. found to be infested with rats or mice ...	2	90	22	—	114
No. treated for rats or mice	2	90	22	—	114
No. of visits made for the purpose of treating properties ... ..	10	370	91	—	471

Treatment of sewers by means of warfarin bait at six monthly intervals again proved effective.

From 4.4.60 to 13.4.60			From 12.9.60 to 23.9.60		
No. of manholes pre-baited ..	192		No. of manholes pre-baited ..	240	
No. found to be rat infested ..	24		No. found to be rat infested ..	30	
No. of pre-baits laid .. ..	324		No. of pre-baits laid .. ..	480	
No. of manholes poison baited	48		No. of manholes poison baited	51	

## RENT ACT, 1957

No applications for certificates of disrepair were received and no action was called for under this Act.

## ATMOSPHERIC POLLUTION

The past year could be considered a notable one in that the first Smoke Control Orders made by the Council received confirmation by the Minister, thus laying the foundation towards gradual and progressive implementation of the Clean Air Act in Grantham, although it will take several years before the whole of the borough can be regarded as a smokeless area. Nevertheless the policy of the Council in dealing with newly developed building sites to prevent any additional atmospheric pollution seems to be a correct one.

The two Orders confirmed both relate to new building sites viz., the Earlesfield Smoke Control Order, 1959 covering an area of 124.5 acres with a potential development of 1,100 houses, and the Beacon Lane Smoke Control Order, 1959, covering an area of 18.4 acres with a proposed development of 50 houses. Both Orders were opposed by the Coal Merchants' Federation and a Public Enquiry was held on 19th May, 1960, the Minister's decision being made known in December, the Orders to operate from 1st October, 1961.

Following publicity and distribution of leaflets to all householders in the Harrowby Smoke Control Area a survey was made of 820 houses and five other premises in the area to collate details necessary for submission of an Order to the Minister. The reaction of most occupiers to the proposed Order was generally quite favourable. It is anticipated that if the Order is eventually confirmed, it is not likely to operate before the winter of 1962, due to the amount of work involved and legal procedure to be followed.

No action was taken in respect of smoke emission from industrial premises, but the railway sidings still remain a source of atmospheric pollution in the Springfield Road Area.

#### FACTORIES ACT, 1937

Inspections made and defects found are tabulated on pages 8 and 9.

Under the provisions of the Factories Act, 1959, duties with regard to means of escape in case of fire were taken over by the Kesteven County Council as from 1st December, 1960.

No certificates were issued by the Borough Council for the year under review.

#### RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

No samples of filling materials were taken during the year.

#### SHOPS ACT, 1950

No action was found necessary under Section 38, only two visits were made under this Act.

## PUBLIC HEALTH INSPECTION OF THE AREA

NUMBER AND NATURE OF INSPECTIONS MADE  
DURING 1960

Complaints reported to the Public Health Department ..	290
Inspection of dwellings where nuisances were found ..	174
Inspection of other premises where nuisances were found ..	33
Inspection of premises upon complaint where no nuisances were found .. .. .	31
Re-visits to properties under notice or work in progress ..	921
Inspection of houses (Housing Act, 1957) .. .. .	34
Re-inspection of houses (Housing Act, 1957).. .. .	4
Visits in connection with overcrowding .. .. .	5
Houses measured up for 'Permitted Numbers' .. .. .	—
Visits in connection with Improvements Grants .. .. .	117
Visits in connection with House Survey (Alma Park) ..	87
Visits in connection with Drainage of premises .. .. .	264
New Drains Tested .. .. .	87
Old Drains Tested .. .. .	15
Visits to Bakehouses .. .. .	44
"  " dairies and milk shops .. .. .	18
"  " ice-cream premises .. .. .	81
"  " miscellaneous foodstores and food preparing rooms	65
"  " factories (with mechanical power) .. .. .	136
"  " factories (with no mechanical power) .. .. .	13
"  " factories (re means of fire escape) .. .. .	2
"  " outworkers' premises .. .. .	—
"  " fried fish shops .. .. .	53
"  " markets, shops and stalls .. .. .	66
"  " offensive trade premises .. .. .	1
"  " dwelling vans and revisits .. .. .	92
"  " verminous premises .. .. .	12
"  " rat infested lands and premises .. .. .	35
"  " cafes and cafe kitchens .. .. .	71
"  " cinemas and places of public entertainment ..	—
Visits in connection with Rent Act 1957 .. .. .	1
Visits to shops (Shops Act, 1950, Section 38) .. .. .	2
"  " slaughterhouse .. .. .	461
"  " meat purveyors and cooked food or 'making-up' premises .. .. .	124
Visits in connection with smoke abatement .. .. .	34
"  "  "  " refuse collection and disposal .. .. .	176
"  "  "  " infectious disease and suspected food poisoning and revisits ..	64
Inspection of licensed premises .. .. .	64
Number of interviews with builders or owners, etc. ..	251
"  " samples of water taken for analysis .. .. .	18
"  " statutory notices served .. .. .	20
Visits in connection with proposed Smoke Control Areas ..	1,096

## INSPECTION AND SUPERVISION OF FOOD

### MILK SUPPLY

#### (a) THE MILK AND DAIRIES REGULATIONS, 1949.

Milk Distributors :—

Number on Register at 1st January, 1960 .. ..	39
Number on Register at 31st December, 1960 .. ..	42

Dairy Premises :—

Number on Register at 1st January, 1960 .. ..	1
Number on Register at 31st December, 1960 .. ..	1

#### (b) THE MILK (SPECIAL DESIGNATION) (PASTEURISED AND STERILISED MILK) REGULATIONS, 1949.

Number of Dealers' Licences issued authorising the use of the Designation 'Sterilised' in relation to milk sold from shops .. .. .	27
Number of Dealers' Licences issued authorising the use of the Designation 'Pasteurised' in relation to milk sold from shops .. .. .	15
Number of Supplementary Licences issued authorising the use of the Designation 'Sterilised' in relation to milk retailed in the town by an outside firm .. ..	3
Number of Supplementary Licences issued authorising the use of the Designation 'Pasteurised' in relation to milk retailed in the town by an outside firm .. ..	2
No of samples of Pasteurised Milk taken .. ..	10
No. found to be satisfactory .. .. .	10
No. of samples of Sterilised Milk taken .. ..	10
No. found to be satisfactory .. .. .	10

#### (c) THE MILK (SPECIAL DESIGNATIONS) (RAW MILK) REGULATIONS, 1949

Use of the Special Designation 'Tuberculin Tested'	
No. of Dealers' Licences issued .. .. .	5
No. of Supplementary Licences issued .. .. .	2
No. of samples of Tuberculin Tested Milk .. ..	6
No. found to be satisfactory .. .. .	6

## FOOD AND DRUGS ACT, 1955

### (a) SAMPLES OF FOOD

Mr. E. T. Hawley, Chief County Weights and Measures Inspector has kindly supplied the following information concerning samples of food taken in Grantham during 1960 :—

*The articles sampled in Grantham were :—*

Blackcurrent pastilles .. 1	Milk .. .. . 29
Butter .. .. . 1	Milk (condensed) .. 1

Butter sweets .. ..	2	Peel, candied .. ..	1
Cherries, glace .. ..	2	Pork pies .. ..	2
Cream .. ..	9	Preserves .. ..	3
Drugs .. ..	3	Soft Drinks .. ..	3
Fish cakes .. ..	1	Salad cream .. ..	1
Honey .. ..	1	Sausage meat .. ..	1
Ice cream .. ..	7	Sausages .. ..	6
Marzipan .. ..	1	Tinned meat .. ..	2
Mayonnaise .. ..	1	Vinegar .. ..	1
Wine Aperitif .. ..	1		

From Mr. Hawley's comments the standard of milk sold is of high quality, the average meat content of five samples of pork sausages was 65.6%, and ice cream samples were comfortably clear of the basic minima in fat, dairy fat and other milk solids. All samples of butter and cream were satisfactory, but he states that the Analyst reported that a sample of tinned mutton was about 25% deficient in the meat content he would expect in a sample so described and no action was taken because legal proceedings were pending elsewhere.

Mr. Hawley concludes, "the year under review has been uneventful routine proving, generally speaking, how good rather than how poor is the range of the foodstuffs regularly available in Grantham."

#### (b) MANUFACTURE AND SALE OF ICE CREAM

	Manu- facture and Sale of Ice Cream	Sale of Loose Ice Cream	Sale of Pre-Packed Ice Cream
Premises registered 1st Jan. 1960	1	26	72
Premises registered during the year	—	—	5
Registrations cancelled due to cessation of business ...	—	—	—
Premises registered 31st Dec. 1960	1	26	77

Regular visits were made to the premises of one local manufacturer of ice cream and it was found that the hygienic standard maintained was satisfactory. Most of the ice-cream sold is prepacked, and results of samples taken are given hereunder :—

Result of Bacteriological Samples (Methylene Blue Test) :—

Number classified in Grade 1 ..	48
Number classified in Grade 2 ..	17
Number classified in Grade 3 ..	1
	—
Total number of samples taken ..	66
	—

Occasional routine inspection of ice cream vehicles revealed no contravention of the Regulations.

## INSPECTION OF FOOD PREMISES

Your Inspectors devoted a considerable part of their time in making routine inspections of various classes of food stores, and food preparation rooms, and experience shows that this is a very necessary duty in order to see that these premises are constantly maintained in a hygienic condition and that food-handling personnel are aware of their legal obligations as to personal cleanliness and handling of food. Early in the year several preliminary notices were sent out drawing attention to contraventions of the Food Hygiene (General) Regulations, 1960. As I have commented before, there is sufficient work of this character in Grantham to engage the attention of one full-time Inspector.

One prosecution was taken against a market stall holder for failing to have a name and address displayed on the stall and for placing food nearer than 18 inches to the ground; a fine of £6 was imposed for these offences.

The following statistics indicate the number and type of contraventions discovered and improvements effected at food premises :-

Number of premises or vans without hand basin or hot water supply . . . . .	36
Number of food premises with defective table tops . . . . .	8
Number of food premises where food was so placed as to involve risk of contamination . . . . .	6
Number of premises requiring cleansing and redecoration . . . . .	66
Number of premises found without soap, nail brushes, and clean towels . . . . .	39
Number of premises found in need of structural alterations and repairs . . . . .	52
Number of premises not providing first aid equipment . . . . .	18
Number of instances of persons smoking while handling food . . . . .	2

The number of various types of food premises are given below :-

Number of butchers' shops and premises registered for the preparation of sausages and meat products . . . . .	32
Number of fish frying premises . . . . .	11
Number of bakehouses . . . . .	21
Number of wet fish premises . . . . .	5
Number of cafes and snack bars . . . . .	11
Number of factory canteens and other catering premises . . . . .	11
Number of grocery and miscellaneous stores . . . . .	92
Number of licensed premises . . . . .	49

Premises where improvements were effected in 1960 are tabulated below :—

Improvements Effected	Meat Purveyors and cooked meat premises	Bakehouses	Fish Frying Premises	Cafes, Factory Canteens and Hotels	Other food Shops and stores	Market Stalls	Licensed Premises	Total
Cleansed and Redecorated .. .. .	17	9	6	11	13	—	10	66
Sink and/or Hand Basin and/or Hot Water supply provided .. .. .	14	7	—	4	7	—	4	36
New Table tops provided	2	—	—	5	1	—	—	8
“Wash Hands” notice provided adjacent to W.C. .. .. .	14	4	7	6	8	—	—	39
First Aid equipment provided .. .. .	5	2	1	2	8	—	—	18
Nailbrushes, soap and towels provided .. .. .	13	8	1	10	7	—	—	39
Structural alterations & repairs effected .. .. .	6	3	1	4	18	—	20	52
Name and address displayed .. .. .	—	—	—	—	—	4	—	4
Otherwise Hygienically improved .. .. .	14	7	3	14	6	—	18	62

## MEAT AND FOOD INSPECTION

All animals were slaughtered in the slaughterhouse controlled by the Borough Council. This slaughterhouse will not comply with the new construction regulations, and although a preliminary scheme was prepared for the erection of an abattoir by the Borough Council and the West Kesteven Rural District Council, it was decided not to proceed with the scheme following a meeting of the representatives of the two Councils and the Grantham and District Butchers' Association on 16th August, 1960. No guarantee could be given by the butchers that sufficient use would be made of the new abattoir to cover the loan charges and annual running costs, and the West Kesteven Rural District Council abandoned the idea of a joint scheme by the two authorities.

It was felt that the slaughterhouse facilities existing in nearby towns are sufficient to meet the existing and probable future requirements of the Grantham butchers. The Borough Health Committee gave careful consideration to this point in formulating the Statutory Report on Slaughterhouse Facilities which was eventually submitted to the Ministry in accordance with Section 3(1) of the Slaughterhouses Act, 1958.

A 100% meat inspection service was carried out in the past year, and details of animals inspected and meat condemned is given below.

	Cattle (ex. Cows)	Cows	Calves	Sheep & Lambs	Pigs
Number killed .. .. .	665	6	4	2,988	2,477
Number inspected .. .. .	665	6	4	2,988	2,477

#### ALL DISEASES EXCEPT TUBERCULOSIS

Whole Carcasses condemned .. .. .	1	—	1	4	3
Carcasses of which some part or organ was condemned .. .. .	254	—	1	16	33
Percentage of the number inspected affected with disease other than Tuberculosis .. .. .	38.36	—	50.0	.67	1.45

#### TUBERCULOSIS ONLY

Whole Carcasses condemned .. .. .	—	—	—	—	1
Carcasses of which some part or organ was condemned .. .. .	3	—	—	—	22
Percentage of the number inspected affected with Tuberculosis .. .. .	0.45	—	—	—	0.97

#### CYSTICERCOSIS

Carcasses of which some part or organ was affected .. .. .	3	—	—	—	—
Carcasses submitted to treatment by refrigeration .. .. .	2	—	—	—	—
Generalized and totally condemned .. .. .	—	—	—	—	—
Percentage of C. Bovis .. .. .	0.45	—	—	—	—

The entire carcasses and organs of the following animals were condemned for the reasons stated :—

1 Pig	..	..	..	Tuberculosis and Emaciation
1 Calf	..	..	..	Emaciation and Oedema
1 Sheep	..	..	..	Emaciation
1 Heifer	..	..	..	Actinomycosis (Generalised)
1 Lamb	..	..	..	Pleurisy
1 Lamb	..	..	..	Severe bruising and Dropsy
1 Pig	..	..	..	Septicaemia
1 Pig	..	..	..	Erysipelas
1 Sheep	..	..	..	Emaciation and Dropsy
1 Pig	..	..	..	Broken Thigh, Congestion, Milk Spots, Oedema

The total weight of meat and offals condemned as unfit for human consumption was :—2 tons 2 cwts. 2 qrs. 26 lbs., of which 3 cwt. 2 qrs. 15 lbs., was affected with Tuberculosis.

Other miscellaneous food commodities inspected and condemned as being unfit for human consumption included :—

Canned Food and Jars	..	..	..	1107
Miscellaneous Meat Products	..	..	..	3 lbs.
Bacon	..	..	..	25 lbs. 8 ozs.
Sausage	..	..	..	2 lbs.
Cereals	..	..	..	12 packets
Crisps	..	..	..	1 packet
Suet	..	..	..	4 packets
Dried Fruit	..	..	..	14 lbs.
Butter and Margarine	..	..	..	2 lbs.
Jellies	..	..	..	5
Cakes	..	..	..	2
Sugar	..	..	..	2 lbs.
Swedes	..	..	..	4 tons
Crabs	..	..	..	4 stone

#### SLAUGHTER OF ANIMALS ACT, 1958

The number of licensed slaughtermen on the Register at 31st December, 1960 was **ten**.

## HOUSING STATISTICS

The first five year slum clearance programme was completed during 1960 insofar as condemnation of the scheduled number of unfit dwellings was concerned, but several families were still waiting to be re-housed. In March the Health Committee considered Circular 2/60 from the Ministry of Housing and Local Government requiring local authorities to submit further proposals for slum clearance and it was decided to inform the Ministry that a further 100 unfit houses would be dealt with during the next five years.

Following instructions from the Council the Medical Officer of Health and myself inspected all dwellings on the Alma Park housing estate and as a result of a report submitted to the Housing Committee it was decided that 189 dwellings be demolished as the families are re-housed. Following a visit and inspection by a Ministry Inspector, the Council was advised by the Ministry that slum clearance subsidy will be payable in respect of new dwellings provided in place of those unfit dwellings.

Properties in Clearance Areas and individual unfit houses dealt with in the past year are as follows :—

### HOUSING ACT, 1957 — SECTION 42

Clearance Area	16, 17, 18, 19, 20, 21, 22 and	Date of Council
Number 41	23 Union Street.	Resolution.
	3, 4, 5, 6 and 8 Wong Row	4th February, 1960

The above area being considered suitable for redevelopment, it was decided to negotiate for acquisition of the houses, and no Compulsory Purchase Order had been submitted to the Ministry at the end of the year.

### HOUSING ACT, 1957 — SECTION 16

<i>Date of Demolition Order</i>	<i>Date of Undertaking</i>	<i>Addresses</i>
7.4.60		4, 5, 6, 7, 8, 9, 10, 11, 12 Pawsons Place
29.1.60		3 Pawsons Place 1 & 2 Horse & Jockey Yard
12.2.60		27, 28, 29, 30, 31 East Street
	18.3.60	30, 32, 34, 36, 38 Barrowby Road
6.5.60		11, 12, 13 James Street
26.7.60		9, 10, 11 Union Street
2.11.60		59, 60, 61, 62 Welby Street

Other housing statistics of interest are as follows :—

Number of houses demolished during the year	57
Number of new dwellings built by the Council	{ 18 houses 4 flats
Number of new dwellings built by private enterprise .. .. .	51
Number of houses visited upon complaint of overcrowding .. .. .	5
Number of houses found to be overcrowded ..	—
Number of cases of overcrowding relieved by the Council during the year .. ..	—
Number of families re-housed from unfit houses during the year .. .. .	23
Number of families re-housed from unfit houses since December, 1955 .. .. .	214
Number of dwellings at Alma Park demolished	13
Number of families re-housed from unfit dwellings at Alma Park during the year ..	41

I am, Ladies and Gentlemen,

Your obedient servant,

C. TAYLOR.



