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Contributors

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Spalding
Urban District Council



REPORT
of the
Medical Officer of Health
and the
Chief Public Health Inspector
for
1970



SPALDING U.D.C.

Public Health Department,
Town Hall,
Spalding, Lincs.

J. B. JACKSON

M. A. P. H. I.

CHIEF
PUBLIC HEALTH
INSPECTOR
TELEPHONE: 3695/7

*With the Compliments
of the
Chief Public Health Inspector*

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SPALDING URBAN DISTRICT COUNCIL

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Mr. E. Fisher, M.B.E.	Mr. C.H. Peck
Mr. P.G. Frost	Mr. F.J. Stagles
Mr. J.W. George	Mr. W.A. Start

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Chief Public Health Inspector:

J. B. Jackson, M.A.P.H.I.

Additional Public Health Inspector:

R. H. Grainger, A.R.S.H.

Meat Inspector:

J. A. Woollard

Pupil Public Health Inspector:

R. Currell

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S. W. Granger, M.A.P.H.

Night Inspector:

J. A. Wollard

Public Health Inspector:

A. Currell

SPALDING URBAN DISTRICT COUNCIL

Town Hall,
Spalding.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1970.

Mr. Chairman, Ladies and Gentlemen,

It is with much pleasure that I present to you the Annual Report on the health aspects of the Urban District and the work of the Public Health Department for 1970.

The Registrar General's estimate of the Mid-Year population for 1970 was 16,340, 40 more than in the previous year. The natural increase which is the excess of births compared with the number of deaths was 45.

During the year there were 286 births, 29 more than in 1969. 17 of these were illegitimate which represented 6% of the births. The Crude Birth Rate was 17.5 whilst the Adjusted Birth Rate was also 17.5. This was higher than the figure for England and Wales which was 16.0. There were 6 Still Births during 1970 which gave a Still Birth Rate of 21. The National figure was 13.0.

During 1970 4 infants under the age of 1 year died. This gave an Infant Mortality Rate of 14.0 compared with that of England and Wales which was 18.2. The Neo-natal Mortality Rate was 14 as against 12.3 for England and Wales whilst the Perinatal Mortality Rate was 31 and 27.5 for England and Wales.

241 deaths occurred during the year and of these half were in the age group 75 or over. This gave a corrected Death Rate of 11.2. The figure for England and Wales was 11.7. There were 127 deaths due to Heart and Circulatory Disease and this represented nearly 53% of all deaths. Respiratory Diseases was next highest with 44 deaths and this accounted for 18% of the deaths. Malignant disease with 35 deaths came third.

There were only 44 cases of Infectious diseases notified to the Health Department during 1970 and like the previous year the most prevalent were Infective Jaundice and Measles. 21 cases of Jaundice and 17 of Measles were reported and this represented about half the number of each which occurred in 1969.

The vital statistics for the Urban District compare favourably with those for England and Wales especially when it is borne in mind that when one is dealing with a relatively small population, a small variation in numbers of Still Births, Infant Deaths, etc., can cause a wide variation in the rates. It is interesting to note that whereas the Birth Rate for England and Wales has been falling year by year, the Birth Rate for the Urban District has remained steady and above the National figure.

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During 1970 4 infants under the age of 1 year died. This gave an Infant Mortality Rate of 14.0 compared with that of England and Wales which was 16.5. The Neo-natal Mortality Rate was 4.4 against 5.3 for England and Wales whilst the Perinatal Mortality Rate was 31 and 27.5 for England and Wales.

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Details of the many and varied activities of the Health Department such as Housing and Slum Clearance, Meat Inspection, Food Hygiene and the Supervision of Food Premises etc., follow later in the Report. Your staff do a difficult job exceedingly well and all are to be congratulated on their efforts during the year. Mr. Jackson's help in preparing the Report is gratefully appreciated.

The other Chief Officers and their staffs continued to give help and assistance in many ways and their co-operation is acknowledged.

In conclusion I wish to thank the Chairman and Members of the Committee for their interest and support in the work of the Department.

G. HIRD.

Acting Medical Officer of Health.

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G. MIRD.

Acting Medical Officer of Health.

SOCIAL CONDITIONS

Spalding is a busy market town and centre of a flourishing agricultural and horticultural area and many of its population are engaged in employment connected with these industries.

Crops include potatoes, sugar beet, beans, cauliflowers and cabbage, tomatoes, flowers and bulbs.

Industries include many associated with these products, such as the beet sugar factory, a large fruit and vegetable cannery, factories engaged in box and tray making, vegetable brining etc. Pre-packing of fruit and vegetables after cleaning and trimming is also a developing industry.

Through a large bulb and produce auction and by other means a ready market is found for the products of the area in the industrial areas of the West Riding and the East Midlands.

Spalding has long been known as a good centre for coarse fishing and each weekend throughout the summer fishing season thousands of anglers from Sheffield and the industrial Midlands arrive to enjoy a day by the Welland or the Coronation Channel.

In recent years the town has been developing as a springtime tourist centre, and large numbers of visitors come to see "Springfields", the unique flower spectacle of the British Bulb Industry, and the decorated floats of the annual Tulip Parade.

STATISTICS OF THE AREA

The area of the District is	7,837 acres
The Resident Population (1961 Census)	14,821
The Registrar-General's estimated mid-year Home Population figure (used in the calculation of Birth and Death Rates)	16,340
Rateable Value as at 1st April 1971	£828,532
Sum represented by 1p rate as at 1st April 1971.	£8057
The Number of inhabited houses and flats etc, (as at 1st April 1971)	6195

SOCIAL CONDITIONS

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STATISTICS OF THE AREA

The area of the District is	7,837 acres
The Resident Population (1951 Census)	14,821
The Registrar-General's estimated mid-year home population figure (used in the calculation of Birth and Death Rates)	16,340
Rateable Value as at 1st April 1971	£228,532
Sex represented by 10 rate as at 1st April 1971	23027
The Number of inhabited houses and flats etc. (as at 1st April 1971)	6192

EXTRACTS FROM VITAL STATISTICS

BIRTHS

1. Live Births:

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	141	128	269
Illegitimate	<u>6</u>	<u>11</u>	<u>17</u>
Total Live Births	<u>147</u>	<u>139</u>	<u>286</u>
2. Live birth rate per 1,000 population: 17.5
3. Stillbirths:

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	4	2	6
Illegitimate	<u>-</u>	<u>-</u>	<u>-</u>
Total Still Births	<u>4</u>	<u>2</u>	<u>6</u>
4. Total Live and Stillbirths: 292
5. Stillbirth rate per 1,000 Live and Stillbirths: 21
6. Illegitimate Live Births as per centage of Total Live Births: 6

DEATHS

- | | <u>Male</u> | <u>Female</u> | <u>Total</u> |
|--|-------------|---------------|--------------|
| 7. Deaths from all causes | 123 | 118 | 241 |
| 8. Death rate per 1,000 population: 11.2 | | | |
| 9. Infant Deaths: | | | |
| (a) Deaths of Infants during first year of life: | | | |
| | <u>Male</u> | <u>Female</u> | <u>Total</u> |
| Legitimate | 3 | 1 | 4 |
| Illegitimate | <u>-</u> | <u>-</u> | <u>-</u> |
| Total | <u>3</u> | <u>1</u> | <u>4</u> |
| (b) Neo-natal deaths: | | | |
| Legitimate | 3 | 1 | 4 |
| Illegitimate | <u>-</u> | <u>-</u> | <u>-</u> |
| | <u>3</u> | <u>1</u> | <u>4</u> |

EXTRACTS FROM VITAL STATISTICS

BIRTHS

1.	Live Births:				
	Legitimate	Male	Female	Total	
	141	138	279		
	6	11	17		
	147	149	296		
2.	Live birth rate per 1,000 population:	17.5			
3.	Stillbirths:				
	Legitimate	Male	Female	Total	
	4	2	6		
	—	—	—		
	4	2	6		
4.	Total Live and Stillbirths:	292			
5.	Stillbirth rate per 1,000 Live and Stillbirths:	51			
6.	Illegitimate Live Births as per centage of Total Live Births:	6			

DEATHS

7.	Deaths from all causes	Male	Female	Total	
	123	113	236		
8.	Death rate per 1,000 population:	11.2			
9.	Infant Deaths:				
	(a) Deaths of Infants during first year of life:				
	Legitimate	Male	Female	Total	
	3	1	4		
	—	—	—		
	3	1	4		
	(b) Neo-natal deaths:				
	Legitimate	Male	Female	Total	
	3	1	4		
	—	—	—		
	3	1	4		

10.	Infant Mortality rate per 1,000 Live Births (Total)	14
11.	Infant Mortality rate per 1,000 Live Births (Legitimate)	15
12.	Infant Mortality rate per 1,000 Live Births (Illegitimate)	-
13.	Neo-natal Mortality rate per 1,000 Live Births ...	14
14.	Early Neo-natal Mortality rate... ..	10
15.	Perinatal Mortality rate	31
16.	Maternal Deaths	Nil

Comments on Vital Statistics

The birth rate and death rate figures given below have been corrected by using the comparability factors supplied by the Registrar-General. These factors allow for the differences in the age and sex composition of the various populations, and make valid comparisons possible.

This year the district had a slightly higher birth rate than the average for England and Wales and the infant mortality rate was slightly below average. Half the deaths registered during the year were of people aged 75 years or over.

(121 out of the total 241 deaths).

	<u>Live Birth</u> <u>Rate</u> <u>(Corrected)</u>	<u>Death</u> <u>Rate</u> <u>(Corrected)</u>	<u>Infant</u> <u>Mortality</u> <u>Rate</u>
Spalding Urban District	17.5	11.2	14.0
England and Wales	16.0	11.7	18.0

10.	Infant Mortality rate per 1,000 Live Births (Total)	14
11.	Infant Mortality rate per 1,000 Live Births (Legitimate)	15
12.	Infant Mortality rate per 1,000 Live Births (Illegitimate)	-
13.	Neo-natal Mortality rate per 1,000 Live Births ...	14
14.	Early Neo-natal Mortality rate ...	10
15.	Fetal Mortality rate ...	31
16.	Maternal Deaths ...	Nil

Comments on Vital Statistics

The birth rate and death rate figures given below have been corrected by using the comparability factors supplied by the Registrar-General. These factors allow for the differences in the age and sex composition of the various populations, and make valid comparisons possible.

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	<u>Live Birth</u> <u>Rate</u> <u>(Corrected)</u>	<u>Death</u> <u>Rate</u> <u>(Corrected)</u>	<u>Infant</u> <u>Mortality</u> <u>Rate</u>
Spalding Urban District	17.2	11.2	14.0
England and Wales	16.0	11.7	10.0

Birth Rates, Death Rates and Infant Mortality Rates
in Spalding Urban District, 1956 - 1970

Year	No. of Live Births	Adjusted Birth Rate	No. of Deaths	Adjusted Death Rate	Infant Deaths	Infant Mortality Rate	Birth Rate	Death Rate	Infant Mortality Rate
1956	230	16.0	230	9.6	3	13.0			
1957	220	15.1	225	9.1	1	4.5			
1958	217	15.0	195	10.7	9	4.2	15.5	10.1	16.9
1959	206	14.1	232	12.1	8	38.8			
1960	251	17.1	184	8.9	6	23.9			
1961	214	14.4	205	10.4	6	14.0			
1962	234	15.7	200	9.8	2	8.5	16.3	10.0	14.5
1963	250	16.6	230	11.8	4	16.0			
1964	267	17.6	180	9.1	3	11.2			
1965	263	17.2	194	9.1	6	22.8			
1966	297	19.1	218	10.2	3	10.1			
1967	275	17.5	200	9.1	4	14.5			
1968	284	17.4	260	11.4	5	17.6	17.5	10.5	14.4
1969	257	15.8	229	10.6	5	16.0			
1970	286	17.5	241	11.2	4	14.0			

NUMBERS OF DEATHS FROM PARTICULAR CAUSES
IN SPALDING URBAN DISTRICT IN 1970

	<u>Male</u>	<u>Female</u>	<u>Total</u>
1 Tuberculosis of Respiratory System	-	1	1
2 Malignant Neoplasm - Oesophagus	1	1	2
3 Malignant Neoplasm - Stomach	1	1	2
4 Malignant Neoplasm - Intestine	6	3	9
5 Malignant Neoplasm - Lung, Bronchus	2	1	3
6 Malignant Neoplasm - Breast	-	3	3
7 Malignant Neoplasm - Uterus	-	1	1
8 Malignant Neoplasm - Prostate	2	-	2
9 Leukaemia	-	1	1
10 Other Malignant Neoplasms	4	8	12
11 Benign and Unspecified Neoplasms	-	2	2
12 Diabetes Mellitus	1	-	1
13 Anaemias	-	1	1
14 Meningitis	-	1	1
15 Other Diseases of Nervous System	-	1	1
16 Chronic Rheumatic Heart Disease	-	2	2
17 Hypertensive Disease	1	-	1
18 Ischaemic Heart Disease	30	17	47
19 Other Forms of Heart Disease	6	13	19
20 Cerebrovascular Disease	18	20	38
21 Other Diseases of Circulatory System	11	9	20
22 Influenza	3	-	3
23 Pneumonia	17	15	32
24 Bronchitis and Emphysema	5	2	7
25 Asthma	1	-	1
26 Other Diseases of Respiratory System	-	1	1
27 Peptic Ulcer	1	-	1
28 Appendicitis	-	1	1
29 Cirrhosis of Liver	-	1	1
30 Other Diseases of Digestive System	2	2	4
31 Hyperplasia of Prostate	1	-	1
32 Other Diseases, Genito-Urinary System	3	1	4
33 Diseases of Skin, Subcutaneous Tissue	-	1	1
34 Diseases of Musculo-Skeletal System	-	1	1
35 Congenital Anomalies	1	-	1
36 Other causes of Perinatal Mortality	3	-	3
37 Symptoms and ill Defined Conditions	-	2	2
38 Motor Vehicle Accidents	1	2	3
39 All Other Accidents	1	2	3
40 Suicide and Self-Inflicted Injuries	-	1	1
41 All other External Causes	1	-	1
	<hr/>	<hr/>	<hr/>
Total	123	118	241
	<hr/>	<hr/>	<hr/>

NUMBERS OF DEATHS FROM PARTICULAR CAUSES
IN SPALDING HEALTH DISTRICT IN 1970

	Male	Female	Total
1 Tuberculosis of Respiratory System	-	1	1
2 Malignant Neoplasm - Oesophagus	1	1	2
3 Malignant Neoplasm - Stomach	1	1	2
4 Malignant Neoplasm - Intestine	6	3	9
5 Malignant Neoplasm - Lung, Bronchus	2	1	3
6 Malignant Neoplasm - Breast	-	3	3
7 Malignant Neoplasm - Uterus	-	1	1
8 Malignant Neoplasm - Prostate	2	-	2
9 Leukaemia	-	1	1
10 Other Malignant Neoplasms	4	8	12
11 Benign and Unspecified Neoplasms	-	2	2
12 Diabetes Mellitus	1	-	1
13 Anaemia	-	1	1
14 Meningitis	-	1	1
15 Other Diseases of Nervous System	-	1	1
16 Chronic Rheumatic Heart Disease	-	2	2
17 Hypertensive Disease	1	-	1
18 Ischaemic Heart Disease	20	17	47
19 Other Forms of Heart Disease	6	13	19
20 Cardiovascular Diseases	18	20	38
21 Other Diseases of Circulatory System	11	9	20
22 Influenza	3	-	3
23 Pneumonia	17	15	32
24 Bronchitis and Emphysema	8	2	7
25 Asthma	1	-	1
26 Other Diseases of Respiratory System	-	1	1
27 Peptic Ulcer	1	-	1
28 Appendicitis	-	1	1
29 Cirrhosis of Liver	-	1	1
30 Other Diseases of Digestive System	2	2	4
31 Hyperplasia of Prostate	1	-	1
32 Other Diseases, Genito-Urinary System	3	1	4
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34 Diseases of Musculo-Skeletal System	-	1	1
35 Congenital Anomalies	1	-	1
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37 Symptoms and ill Defined Conditions	-	2	2
38 Motor Vehicle Accidents	1	2	3
39 All Other Accidents	1	2	3
40 Suicide and Self-Inflicted Injuries	-	1	1
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Total	122	119	241

HOME ACCIDENTS

I am indebted to the Matron and Casualty Sister at the Johnson Hospital for their kindness in allowing me to extract statistics from the register of home accident injuries treated at that hospital. The following tables analyse the 98 accident injuries sustained in 1970.

<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Totals</u>
Below 5 years	31	16	47
5-14 years	4	8	12
15-34 years	1	15	16
35-64 years	4	10	14
65 years and over	<u>3</u>	<u>6</u>	<u>9</u>
	<u>43</u>	<u>55</u>	<u>98</u>

<u>Type of Accident</u>	<u>Below 5 years</u>	<u>Over 65 years</u>	<u>All other Age Groups</u>	<u>Total</u>
Scalds	2	2	8	12
Burns	4	-	1	5
Falls	17	3	7	27
Cuts	6	3	22	31
Other accidents	<u>18</u>	<u>1</u>	<u>4</u>	<u>23</u>
	<u>47</u>	<u>9</u>	<u>42</u>	<u>98</u>

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

44 cases of infectious diseases were notified during the year.

<u>Infectious Disease</u>	<u>No. of cases</u>
Infective Jaundice	21
Measles	17
Meningococcal or acute Meningitis	2
Whooping cough	1
Salmonella Typhimurium	1
Tuberculosis (Renal)	1
Tuberculosis (Pulmonary)	1
Total	44

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Type of Accident	Below 5 years	Over 65 years	All other Age Groups	Total
Scalds	2	2	8	12
Burns	4	-	1	5
Falls	17	2	7	26
Cuts	6	2	22	31
Other accidents	18	1	4	23
	<u>47</u>	<u>5</u>	<u>45</u>	<u>98</u>

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

44 cases of infectious diseases were notified during the year.

Infectious Disease	No. of cases
Infective Jaundice	21
Measles	17
Meningococci or acute Meningitis	2
Whooping cough	1
Diphtheria	1
Tuberculosis (Renal)	1
Tuberculosis (Pulmonary)	1
Total	<u>44</u>

PROTECTION AGAINST INFECTIOUS DISEASES

I am indebted to the County Medical Officer for much of the information given below.

Diphtheria Immunisation

No cases of Diphtheria occurred in the district during the year. During 1970, 231 children under five years of age and 4 children over five years of age received a primary immunisation course. A further 546 children under 16 years of age received a "booster" or secondary injection.

Tetanus Immunisation

During the year 260 children were immunised against tetanus. 227 of these children had a course of "triple antigen" that protects against diphtheria, whooping cough and tetanus.

Poliomyelitis Vaccination

During 1970, 230 children under 5 years, and 8 children over 5 years, completed a course of oral polio vaccination.

A satisfactory percentage of the pre-school and school age population of the Urban District has been protected against this disease.

Tuberculosis

The number of cases on the Register at 31st December 1970, was 134, a decrease of two, there being two new notifications and four cases removed.

	Male	Female	Total
Cases of Tuberculosis on the Register at 31. 12.70			
Pulmonary	50	33	83
Non-Pulmonary	24	27	51
Cases removed from Register during 1970.			
Quiescent	0	1	1
Left District	1	1	2
Death	0	1	1
Cases added to the Register during 1970.			
New Notifications	1	1	2
Transfers	0	0	0

PROTECTION AGAINST INFECTIOUS DISEASES

I am indebted to the County Medical Officer for much of the information given below.

Diphtheria Immunisation

No cases of Diphtheria occurred in the district during the year. During 1970, 231 children under five years of age and 4 children over five years of age received a primary immunisation course. A further 546 children under 15 years of age received a "booster" or secondary injection.

Tetanus Immunisation

During the year 360 children were immunised against tetanus. 227 of these children had a course of "triple antigen" that protects against diphtheria, whooping cough and tetanus.

Poliomyelitis Vaccination

During 1970, 230 children under 5 years, and 8 children over 5 years, completed a course of oral polio vaccination.

A satisfactory percentage of the pre-school and school age population of the Urban District has been protected against this disease.

Tuberculosis

The number of cases on the Register at 31st December 1970, was 115, a decrease of two, there being two new notifications and four cases removed.

Cases of Tuberculosis on the Register at 31. 12. 70			
Non-Pulmonary	Pulmonary	Male	Female
24	50	33	37
Total			
Cases removed from Register during 1970.			
Death	0	1	1
Left District	1	1	1
Quarantined	0	1	1
Cases added to the Register during 1970.			
New Notifications	1	1	1
Transfers	0	0	0
Total			
3	2	5	2

MISCELLANEOUS

1. Medical examination of Local Government Staff

During the year 2 persons were medically examined to ascertain their fitness for entry into superannuation and sickness schemes.

2. Requests for re-housing on Medical grounds

Applicants for Council houses who claim that they have serious medical grounds for priority re-housing are investigated by your Medical Officer of Health, and recommendations are made to the Housing Committee.

3. Persons in need of care and attention

Provision is made under Section 47 of the National Assistance Act, 1948, for people who are in need of care and attention, and who are unable to look after themselves.

4. Mass Miniature Radiography

The Lincolnshire Mass Radiography Unit visited Spalding during September, when 1,330 people took advantage of the service.

5. Family Planning Clinic

This clinic which is run by the Boston branch of the Family Planning Association, is held in the Clinic, Holland Road, Spalding. There are 615 members of the clinic.

6. Public Health Laboratory Service

Facilities for the bacteriological examination of foods, water and other samples exist at Peterborough District Hospital, Midland Road, Peterborough, and the valued services of Dr. E.J.G. Glencross and his staff are greatly appreciated.

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Public Health Laboratory Service

Facilities for the bacteriological examination of foods, water and other samples exist at Peterborough District Hospital, Midland Road, Peterborough, and the valued services of Dr. A.L.G. Chambers and his staff are greatly appreciated.

WATER SUPPLY

I am indebted to N.A. Eagles Esq., the Engineer and Manager of the South Lincolnshire Water Board for most of the information in this section of the Report.

1. The water supply was satisfactorily maintained throughout the year.
2. The water supplied to the Spalding Urban District area was abstracted from the source works at Bourne and West Pinchbeck, the total abstractions from these sources during the year being as follows:-

Bourne	1,452,245,000 gallons
West Pinchbeck	<u>536,606,000</u> gallons
Total	<u>1,988,851,000</u> gallons

which was an increase of approximately 2.6% above the quantity abstracted in 1969.

The exact consumption within the Urban District cannot be determined but was estimated to be approximately 465,000 gallons in 1970.

3. The following new mains were laid in the area during the year:-

Location	Diameter	Yards
Albert Street	3"	235
Horseshoe Road	4"	1,042
	Total	1,277

4. Samples of water were taken each week from both sources of supply and also from various points in the distribution system and submitted for bacteriological examination at the Public Health Laboratory, Peterborough. In all cases the results were satisfactory.

WATER SUPPLY

I am indebted to W.A. Eagles Esq., the Engineer and Manager of the South Lincolnshire Water Board for most of the information in this section of the Report.

1. The water supply was satisfactorily maintained throughout the year.
2. The water supplied to the Spalding Urban District area was abstracted from the source works at Bourne and West Pinchbeck, the total abstractions from these sources during the year being as follows:-

Bourne	1,455,245,000 gallons
West Pinchbeck	536,606,000 gallons
Total	1,991,851,000 gallons

- which was an increase of approximately 5.6% above the quantity abstracted in 1909.
- The exact consumption within the Urban District cannot be determined but was estimated to be approximately 465,000 gallons in 1910.
3. The following new mains were laid in the area during the year:-

Location	Diameter	Yards
Albert Street	3"	235
Horsehoe Road	4"	1,045
Total		1,280

4. Samples of water were taken each week from both sources of supply and also from various points in the distribution system and submitted for bacteriological examination at the Public Health Laboratory, Peterborough. In all cases the results were satisfactory.

I am indebted to Mr. V.B. Maxfield, Chemist to the Bourne U.D.C. and South Kesteven R.D.C. Joint Laboratory for the following reports on the chemical quality of the districts' water supplies.

<u>Results in parts per million</u>	<u>Bourne</u>
Appearance	Clear and bright
Colour	Nil
pH	7.20
B.O.D. $\frac{5}{20}$	0.88
C.O.D.	2.8
Suspended Solids	Nil
Ammoniacal Nitrogen	Nil
Albuminoid Nitrogen	0.012
Nitrite Nitrogen	Nil
Nitrate Nitrogen	1.14 (5.05 as NO ₃)
Chloride as Cl	26
Sulphate as So ₄	117
Fluoride (F)	0.26
Manganese	Nil
Odour	Nil
Alkalinity as Ca CO ₃	233
Caustic Alkalinity as Ca CO ₃	Nil
Total Hardness as Ca CO ₃	390
Calcium Hardness as Ca CO ₃	350
Dissolved Solids at 105°C	540
Total Mineral Acidity	186
Residual Chlorine	Nil
Iron	0.046
Copper	Nil
Zinc	Nil
Lead	Nil
Free CO ₂	28
Non Carbonate Hardness	157

This water is very hard in character but is free from toxic metals. It is of good quality and free from elements injurious to health. It contains a slight excess of dissolved solids.

I am indebted to Mr. V.B. Marshall, Chemist to the Ontario U.S.C. and Southwestern R.C.C. Joint Laboratory for the following reports on the chemical quality of the district's water supply.

Results in parts per million	Bourne
Appearance	Clear and bright
Colour	N1
pH	7.20
E.O.D. $\frac{5}{10}$	0.88
C.O.D.	2.8
Suspended Solids	N1
Ammoniacal Nitrogen	N1
Aluminoid Nitrogen	0.012
Nitrite Nitrogen	N1
Nitrate Nitrogen	1.14 (5.05 as NO ₃)
Chloride as Cl	26
Sulphate as SO ₄	117
Fluoride (F)	0.26
Manganese	N1
Odour	N1
Alkalinity as CaCO ₃	232
Caustic Alkalinity as CaCO ₃	N1
Total Hardness as CaCO ₃	290
Calcium Hardness as CaCO ₃	250
Dissolved Solids at 105°C	240
Total Mineral Acidity	186
Residual Chlorine	N1
Iron	0.046
Copper	N1
Zinc	N1
Lead	N1
Free CO ₂	28
Non Carbonate Hardness	127

This water is very hard in character but is free from toxic metals. It is of good quality and free from elements injurious to health. It contains a slight excess of dissolved solids.

<u>Results in parts per million</u>	<u>Pinchbeck</u>
Appearance	Clear and bright
Colour	Nil
pH	7.30
B.O.D. $\frac{5}{20}$	0.20
C.O.D.	2.4
Suspended Solids	Nil
Ammoniacal Nitrogen	0.120
Albuminoid Nitrogen	Less than 0.01
Total Organic Nitrogen	Nil
Nitrite Nitrogen	Nil
Nitrate Nitrogen	Nil
Chloride as Cl	23
Sulphate as SO_4	86
Fluoride (F)	0.52
Manganese	Nil
Odour	Nil
Alkalinity as $Ca CO_3$	253
Caustic Alkalinity as $Ca CO_3$	Nil
Total Hardness as $Ca CO_3$	302
Calcium Hardness as $Ca CO_3$	232
Dissolved Solids at $105^\circ C$	444
Total Mineral Acidity	122
Residual Chlorine	Nil
Iron	0.111
Copper	Nil
Zinc	Nil
Lead	Nil
Free CO_2	24
Non Carbonate Hardness	49

This water is very hard in character but is free from toxic metals and any excess of elements affecting health. It is satisfactory with regard to organic quality. The Fluoride content is just below the optimum level required to be beneficial for the prevention of dental caries.

This water is very hard in character but is free from toxic metals and any excess of elements affecting health. It is satisfactory with regard to organic quality. The fluoride content is just below the optimum level reported to be beneficial for the prevention of dental caries.

Non-Carbonate Hardness

Free CO_2

Lead

Zinc

Copper

Iron

Residual Chlorine

Total Mineral Acidity

Dissolved Solids at 105°C

Calcium Hardness as CaCO_3

Total Hardness as CaCO_3

Carbatic Alkalinity as CaCO_3

Alkalinity as CaCO_3

Oxygen

Manganese

Fluoride (%)

Sulphate as SO_4

Chloride as Cl

Nitrate Nitrogen

Nitrite Nitrogen

Total Organic Nitrogen

Aluminum Nitrogen

Ammoniacal Nitrogen

Suspended Solids

C.O.D.

B.O.D. $\frac{5}{20}$

pH

Colour

Appearance

Results in parts per million

Planchbeck

Clear and bright

NH

7.30

0.20

2.4

NH

0.120

Less than 0.01

NH

NH

NH

23

86

0.22

NH

NH

253

NH

302

232

444

122

NH

0.111

NH

NH

NH

24

49

DRAINAGE AND SEWERAGE

A pumping station was constructed in Horseshoe Road together with 64.01 metres of 150mm diam. sewer and 487.68 metres of 125mm diam. rising main from Horseshoe Road to the Bourne Road sewer.

In addition, 368 metres of 150mm diam. sewer were laid in Camelgate.

PUBLIC CLEANSING

Public cleansing is the responsibility of the Engineer and Surveyor, and I am obliged to Mr. W.J. Evans, F.F.S., M.R.S.H. for the following information.

(a) Refuse Collection and Disposal

A weekly collection of refuse is given to all premises in the area. All food premises receive twice weekly collection.

Active measures are taken at the Moulton Marsh refuse tip to prevent nuisance from rodent and insect infestation.

(b) Street Scavenging

All classified and unclassified roads within the Urban area have been swept regularly.

This work to vehicular roads is carried out by a "Karrier" Mechanical Sweeper and courts, passages and footpaths are dealt with manually and collected in Street Orderlies.

(c) Salvage Collection and Disposal

Domestic salvage is collected at the same time as domestic refuse; a trailer is attached to each freighter for this purpose. Special collections are arranged when quantities and types of materials make this necessary.

Details are given overleaf of the values of salvage sold during the financial year ending 31st March, 1971.

DRAINAGE AND SEWERAGE

A pumping station was constructed in Horseshoe Road together with 6.01 metres of 150mm diam. sewer and 487.68 metres of 135mm diam. rising main from Horseshoe Road to the Bourne Road sewer.

In addition, 368 metres of 150mm diam. sewer were laid in Camelsgate.

PUBLIC CLEANING

Public cleaning is the responsibility of the Engineer and Surveyor, and I am obliged to Mr. W. J. Evans, F.R.S., M.R.S.M., for the following information.

(a) Refuse Collection and Disposal

A weekly collection of refuse is given to all premises in the area. All food premises receive twice weekly collection. Active measures are taken at the Milton Marsh refuse tip to prevent nuisance from rodent and insect infestation.

(b) Street Sweeping

All classified and unclassified roads within the Urban area have been swept regularly. This work to vehicular roads is carried out by a "Kartier" mechanical sweeper and courts, passages and footpaths are dealt with manually and collected in Street Orderlies.

(c) Salvage Collection and Disposal

Domestic salvage is collected at the same time as domestic refuse; a trailer is attached to each freighter for this purpose. Special collections are arranged when quantities and types of materials make this necessary.

Details are given overleaf of the volume of salvage sold during the financial year ending 31st March, 1971.

Income from Salvage

	£.	p
Waste paper	5844.	69
Metals	17.	90
Rags	55.	80
<hr/>		
Total	5918.	39

This sum represents the product of 0.73 of a 1p rate.

(d) Closet Accommodation

Vaults converted and connected to Public Sewer.....Nil
Vaults converted and connected to Septic Tanks.....Nil
Cesspools abolished and drains connected to
Public Sewer. 2
Number of connections to Public Sewer during year...243

(e) Cesspools and Vault Closet Emptying

During the year, 416 cesspools and vault closets were emptied and the contents disposed into the water-carriage sewerage out-fall.

(f) Rain Water Cistern Emptying

A portable pump is used for the emptying of rain water cisterns. During the year 12 cisterns were emptied.

(g) Street Gullies

The cesspool emptying machine continued to be used for emptying street gullies in the Urban District. During the year 2500 street gullies were emptied and cleansed.

Income from Salvage

Waste paper	5344.	69
Metals	17.	90
Rags	55.	80
Total	5416.	39

This sum represents the product of 0.73 of a ip rate.

Closet Accommodation

(d)

Number of connections to Public Sewer during year... 143
Public Sewer,
Cesspools abolished and drains connected to
Vaults converted and connected to Septic Tanks.....Nil
Vaults converted and connected to Public Sewer.....Nil

Cesspools and Vault Closet Emptying

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A portable pump is used for the emptying of rain water cisterns. During the year 13 cisterns were emptied.

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The cesspool emptying machine continued to be used for emptying street gullies in the Urban District. During the year 2500 street gullies were emptied and cleaned.

Public Health Department,
Town Hall,
Spalding.
2nd November 1971.

To the Chairman & Members of the
Public Health & Housing Committee

Mr. Chairman, Ladies & Gentlemen,

I have pleasure in submitting my report
for the year 1970.

Recent housing legislation with its more
generous scale of grants for improvements has resulted
in an increase in the number of applications, as was
anticipated. Also the introduction of qualification
certificates in connection with matters of rent increases
has necessitated more house inspections.

The work of clearing unfit houses continues
steadily and in several cases the sites of such houses have
been acquired for redevelopment. This latter policy is
particularly important where aged occupants of unfit houses
are loathe to leave the surroundings where they have lived
for so many years.

Meat inspection continues to increase at the
largest of the district's three slaughterhouses; throughput
now being an increase of more than 100% over the figures
for 1964.

Routine work of the Department continued
throughout the year and included such matters as inspections
of offices and shops, food preparation premises, investigation
of complaints and other matters as detailed on the list
following this foreword.

Once again I would like to thank the staff of
the Public Health Department for their loyal, efficient and
willing service throughout the year.

In addition I would like to thank Dr. Hird
for his help and advice, my fellow officers for their ever
ready assistance, and finally Mr. Chairman, to you and your
Committee for your support and encouragement.

I am, Mr. Chairman, Ladies & Gentlemen,

Your obedient Servant,

J. B. JACKSON.

Chief Public Health Inspector.

Public Health Department,
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Chief Public Health Inspector.

The following table shows the number of visits made by the Public Health Inspectors during the year.

<u>Subject of Visit</u>	<u>Number of Visits</u>
Housing Act 1957	87
Housing Act 1964-9	235
Public Health Acts 1936 & 1961	154
Factories Act 1961	39
Offices, Shops & Railway Premises Act 1963	57
Clean Air Act 1956	36
Food & Drugs Act 1955 & Food Hygiene Regs. 1960	287
* Meat Inspection Regs. 1963	126
Prevention of Damage by Pests Act 1949	67
Slaughterhouse Act 1958	20
Swimming Pool	198
Infectious disease	21
Other unclassified visits	153

* These figures do not include inspections made by the Meat Inspector.

HOUSING

1. General

Number of houses erected during the year:-

	<u>Houses</u>	<u>Bungalows</u>	<u>Flats</u>
(a) By private enterprise	97	76	-
(b) By the Council	-	14	-

Number under construction at the end of 1970:

	<u>Houses</u>	<u>Bungalows</u>	<u>Flats</u>
(a) By private enterprise	18	17	10
(b) By the Council	-	-	6

2. Slum Clearance - Housing Act, 1957

During the year slum clearance continued and resulted as follows:-

(1) Demolition Orders made	3
(2) Closing Orders cancelled and Demolition Orders made	-
(3) Closing Orders made	2
(4) Closing Orders determined	1
(5) Undertakings accepted	-
(6) Houses demolished	7
(7) Houses purchased for demolition	18
(8) Houses repaired by informal action	32
(9) Houses repaired by formal action	1

The following table shows the number of visits made by the Public Health Inspectors during the year.

Subject of Visit	Number of Visits
Housing Act 1957	87
Housing Act 1954-5	232
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Clean Air Act 1955	36
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(4) Closing Orders determined	1
(5) Undertakings accepted	-
(6) Houses demolished	7
(7) Houses purchased for demolition	18
(8) Houses repaired by informal action	38
(9) Houses repaired by formal action	1

3. Overcrowding

No cases of overcrowding were reported during the year.

4. Housing Acts 1959 - 69

Improvement Grants - Discretionary

Formal applications received	7 (involving 14 units
Discretionary grants approved	7 of housing accommodation)
Schemes completed	4 (8 units)

Standard Grants

Formal applications received	36
Standard grants approved	36
Schemes completed	28

5. Moveable Dwellings

The Fulney Lane site remains fully occupied i.e. 9 caravans.

6. Common Lodging Houses

There are now no common lodging houses in the district.

7. Air Pollution

The volumetric apparatus now established at St. John's School, Hawthorn Bank, was maintained throughout the year.

Reflectorometer readings are made by the Public Health Department, City of Lincoln, by courtesey of Mr. J. Jones, the Chief Public Health Inspector and laboratory work in connection with calculation of sulphur dioxide content is carried out by Mr. R. Ackroyd B.Sc.(Hons.Chem) of the Spalding Grammar School.

I am grateful to these two gentlemen for continuing to do this work for the Council.

Results are sent to Warren Spring Laboratory, Ministry of Technology, Stevenage for inclusion with national figures.

3. Overcrowding
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4. Housing Acts 1929 - 32
Improvement Grants - Discretionary
Formal applications received 7 (involving 14 units)
Discretionary grants approved 7 of housing accommodation
Schemes completed 4 (8 units)
- Standard Grants
Formal applications received 36
Standard grants approved 36
Schemes completed 36
5. Movable Dwellings
The Finney Lane site remains fully occupied i.e. 9 cottages.
6. Common Lodging Houses
There are now no common lodging houses in the district.
7. Air Pollution
The volumetric apparatus now established at St. John's School, Newthorn Bank, was maintained throughout the year.
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OPEN-AIR SWIMMING POOL

During the 1970 season 32,570 bathers visited the Pool. These included 5,647 school children under swimming instruction by Holland County Education Committee teachers.

In addition there were 253 season ticket holders whose attendances were not recorded. The Council again awarded free Season Tickets to all school children who were successful in the Royal Life-Saving Society examination held the previous year.

As in previous years the bath water was heated, filtered, aerated and chlorinated by the Breakpoint system giving a clear sterile water at all times according to weekly test samples taken by the Public Health Inspector of the Holland County Council and daily free-chlorine residual tests carried out by the Department.

The Council continued to hire vending machines to supply hot and cold drinks and snacks. This service again proved to be popular and appreciated, resulting in a net profit of £203.37.

INSPECTION AND SUPERVISION OF FOOD PREMISES

1. Food premises in the Urban District are as follows:-

Type of premises	No. of premises	No. of premises with hand washing facilities (Reg 16)	No. of premises requiring equipment washing facilities (Reg 19)	No. of premises fitted to comply with Reg 19
Grocery & general shops	40	40	40	40
Butchers shops	20	20	20	20
Sausage, etc, manufacturing premises, (Sec 16(1a) F & D Act 1955)	21	21	21	21
Cake confectionery shops	12	12	12	12
Bakehouses	6	6	6	6
Sweets confectionery shops	17	17	15	15
Wet & fried fish shops	10	10	10	10
Restaurant kitchens	11	11	11	11
Canteen & school kitchens	9	9	9	9
Hotels, public houses	39	39	39	39
Fruit and vegetable shops	7	7	7	7
Miscellaneous food premises	13	13	12	12
Total	205			

OPEN-AIR SWIMMING POOL

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Sweets confectionery shops	17	17	17	17
Hot & fried fish shops	10	10	10	10
Restaurant kitchens	11	11	11	11
Canteen & school kitchens	9	9	9	9
Hotels, public houses	39	39	39	39
Fruit and vegetable shops	7	7	7	7
Miscellaneous food premises	12	12	12	12
Total	208			

2. Stalls

Regular inspections are made of stalls on the two weekly markets and of food vehicles operating in the area to ensure compliance with the Food Hygiene (Markets, Stalls and Delivery Vehicles) Regulations 1966.

3. Milk

The Milk (Special Designations) Regulations 1963-65 are administered by the Holland County Council.

4. Ice Cream

There are no ice cream manufacturers in the district. Loose ice cream manufactured outside the area is retailed from vehicles in the district.

5. Outworkers

No outworkers are employed in this area in the food industry.

6. Slaughterhouses & Meat Inspection

The three slaughterhouses in the district continued to operate satisfactorily.

The absence of tubercular infections in bovines and continued downward trend in pigs will be noted.

Meat inspection out of normal hours continues and the work is shared by all inspectors.

The following chart shows that the number of animals slaughtered in the district has increased by 72.5% over the past six years.

<u>Record of Animals Slaughtered</u>							<u>Percentage of Animals affected with Tuberculosis</u>	
	<u>Cattle</u>	<u>Cows</u>	<u>Calves</u>	<u>Sheep</u>	<u>Pigs</u>	<u>Total</u>	<u>Bovines</u>	<u>Pigs</u>
1965	1648	15	16	4763	16310	22752	0.36	1.23
1966	1764	17	12	5094	19663	26550	0.00	0.85
1967	2045	60	293	5372	17402	25172	0.00	0.66
1968	1892	63	7	5861	19899	27722	0.00	0.58
1969	2136	67	6	5030	26018	33257	0.00	0.58
1970	2917	88	8	7775	29205	39253	0.00	0.37

7. Poultry inspections

There is one small poultry dressing establishment in the area where approximately 500 birds are dealt with weekly. Regular inspections are made.

2. Stalls

Regular inspections are made of stalls on the two weekly markets and of food vehicles operating in the area to ensure compliance with the Food Hygiene (Markets, Stalls and Delivery Vehicles) Regulations 1955.

3. Milk

The Milk (Special Designations) Regulations 1953-55 are administered by the Holland County Council.

4. Ice Cream

There are no ice cream manufacturers in the district. Loose ice cream manufactured outside the area is retained from vehicles in the district.

5. Outworkers

No outworkers are employed in this area in the food industry.

6. Slaughterhouses & Meat Inspection

The three slaughterhouses in the district continued to operate satisfactorily.

The absence of tubercular infections in bovines and continued downward trend in pigs will be noted.

Meat inspection out of normal hours continues and the work is shared by all inspectors.

The following chart shows that the number of animals slaughtered in the district has increased by 12.5% over the past six years.

Record of Animals Slaughtered		Percentage of Animals Affected with Tuberculosis				
Cattle	Cows	Calves	Sheep Pigs	Total	Bovines	Pigs
1548	15	4763	15310	22582	0.36	1.23
1764	17	5094	19663	25520	0.30	0.85
2048	20	5372	19402	25172	0.00	0.26
1892	23	5061	19899	27722	0.00	0.28
2136	27	5030	26018	32227	0.00	0.20
2917	28	7772	29202	39222	0.00	0.17

7. Poultry Inspection

There is one small poultry dressing establishment in the area where approximately 500 birds are dealt with weekly. Regular inspections are made.

The following tables give details of the amount of meat inspected and condemned:-

Carcasses and offal inspected and condemned in whole or in part.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	2177	88	8	7775	29,205	-
Number inspected	2177	88	8	7775	29,205	-
<u>All Diseases except Tuberculosis and Cysticerci:</u>						
Whole Carcasses condemned	3	-	2	1	39	-
Carcasses of which some part or organ was condemned	399	-	-	52	2305	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci:	18.47	-	25.00	0.68	8.03	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	-	-	-	107	-
Percentage of number inspected affected with tuberculosis	-	-	-	-	0.37	-
<u>Cysticercosis:</u>						
Carcasses of which some part or organ was condemned	4	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	4	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

The following tables give details of the amount of meat inspected and condemned:-

Carcasses and offal inspected and condemned in whole or in part.

Number Killed	Number Inspected	All Diseases except Tuberculosis and Cysticercosis: Whole Carcasses condemned	Carcasses of which some part or organ was condemned	Percentage of the number inspected affected with disease other than Tuberculosis and Cysticercosis	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
2177	2177	3	399	18.47	-	88	8	7775	29,208	-
2177	2177	-	-	-	-	88	8	7775	29,208	-
Tuberculosis only										
Whole carcasses condemned										
Carcasses of which some part or organ was condemned										
Percentage of number inspected affected with Tuberculosis										
-	-	-	107	0.37	-	-	-	-	-	-
Cysticercosis:										
Carcasses of which some part or organ was condemned										
Carcasses submitted to treatment by refrigeration										
Generally and totally condemned										

Details of Meats and Offals condemned are contained in the following list:-

<u>Condemnation</u>	<u>Disease or condition</u>
Bovine carcasses & organs	3 Septicaemia (Adult Bovine) 2 Pathological emaciation (Calves)
Sheep carcasses & organs	1 Oedema & emaciation
Pig carcasses & organs	1 Acute septic pleurisy 4 Acute diffuse septic peritonitis 7 Pyaemia 5 Fever 2 Acute septic Metritis 1 Pyelonephritis 1 Bruising etc. 1 Toxaemia 4 Septicaemia 8 Emaciation with oedema or other condition 3 Multiple Abscesses 1 Acute erysipelas 2 Chronic arthritis

The following organs or parts were surrendered for reasons too numerous to mention:-

Bovine	livers	357	intestines	1
	lungs	9	hearts	5
	heads	17	part carcasses	8
	kidneys	1		
	spleens	1		
Sheep	plucks	4	heart	1
	livers	43	part carcasses	4
Pigs	livers	633	hocks & feet	92
	plucks	469	lungs	66
	tops	676	heads	204
	kidneys	69	hearts	5
	part carcasses	72	intestines	19

Total approximate weight of condemned meat
9 tons 15 cwts 51 lbs.

Details of Meats and Offals condensed are contained in the following list:-

Condition	Disease or condition
Bovine carcasses & organs	3 Septicemia (Adult Bovine)
	2 Pathological emaciation (Calves)
Sheep carcasses & organs	1 Oedema & emaciation
Pig carcasses & organs	1 Acute septic pleurisy
	4 Acute diffuse septic peritonitis
	7 Pyemia
	5 Fever
	2 Acute septic Metritis
	1 Pyelonephritis
	1 Brucella etc.
	1 Toxemia
	4 Septicemia
	3 Emaciation with oedema or other condition
	3 Multiple Abscesses
	1 Acute erysipelas
	2 Chronic arthritis

The following organs or parts were enumerated for reasons too numerous to mention:-

Bovine	liver	337	intestines	1
	lungs	9	heart	2
	heads	17	part carcasses	3
	kidneys	1		
	spleen	1		
Sheep	liver	4	heart	1
	lungs	43	part carcasses	4
Pigs	liver	633	heads & feet	93
	lungs	409	lungs	66
	heads	676	heads	204
	kidneys	69	heart	8
part carcasses	intestines	75	intestines	19

Total approximate weight of condensed meat
9 tons 15 cwt 51 lbs.

Other Food Inspection

The following foodstuffs, generally in possession of local tradesmen, were found to be unfit for human consumption and were voluntarily surrendered and destroyed:-

- 4 cwt - 74 lb Cans of Meat and Meat Products
- 2 cwt - 64 lb Cans, packets and jars of various pre-packed foods
- 25 cwt - Frozen foods
- 19 tons- Fresh fruit and vegetables

PREVENTION OF DAMAGE BY PESTS ACT, 1949

Rats and Mice

A part time rodent operator is employed and for the most part works without supervision. Where specialist knowledge is required he is accompanied by a public health inspector.

Appended below are details of visits made by the operator during the year.

		Type of property	
		Non-agricultural	Agricultural
1.	Number of properties in the district as at 1.4.71	7298	176
2.	Total number of properties inspected following notification	134	8
	Number infested by (1) rats	102	8
	(2) mice	32	-
3.	Total number of properties inspected for rats and for mice for reasons other than notification	60	7
	Numbers infested by (1) rats	54	7
	(2) mice	6	-

Other Food Inspection

The following foodstuffs, generally in possession of local traders, were found to be unfit for human consumption and were voluntarily surrendered and destroyed:-

4 cwt - 74 lb Cans of Meat and Meat Products
 2 cwt - 64 lb Cans, packets and jars of various pre-packed foods
 25 cwt - Frozen foods
 19 tons - Fresh fruit and vegetables

PREVENTION OF DAMAGE BY PESTS ACT, 1949

Rats and Mice

A part time rodent operator is employed and for the most part works without supervision. Where specialist knowledge is required he is accompanied by a public health inspector.

Appended below are details of visits made by the operator during the year.

	Number of properties in the district as at 1.4.51	Type of property	
		Non-agricultural	Agricultural
Total number of properties inspected following notification	7298	176	8
Number infested by (1) rats (2) mice	134	102	32
Total number of properties inspected for rats and for mice for reasons other than notification	60	7	7
Number infested by (1) rats (2) mice	54	7	7

FACTORIES ACT, 1961

Annual Report of the Medical Officer of Health in
respect of the year 1970 for the Urban District of Spalding
in the County of Holland (Lincs).

PART I OF THE ACT

1. INSPECTIONS for the purpose of provisions as to health.

Premises	Number on Register (2)	Inspections (3)	Number of Written Notices (4)	Occupiers Prosecuted (5)
(1) Factories in which sections 1,2,3,4 & 6 are enforced by Local Authorities	2	-	Nil	Nil
(11) Factories not included in (1) in which Section 7 is enforced by the Authority.	113	34	Nil	Nil
(111) Other premises in which Section 7 is enforced by the Local Authority (excluding out- workers premises)	10	5	Nil	Nil
Total	125	39	Nil	Nil

FACTORIES ACT, 1954

Annual Report of the Medical Officer of Health in respect of the year 1970 for the Urban District of Spalding in the County of Holland (Lincs).

PART I OF THE ACT

1. INSPECTIONS for the purpose of provisions as to health.

Premises	Number on Register (2)	Inspections (3)	Number of Written Notices (4)	Occupiers Prosecuted (5)
(1) Factories in which sections 1, 2, 3, 4 & 6 are enforced by Local Authorities	2	-	Nil	Nil
(1) Factories not included in (1) in which Section 7 is enforced by the Authority.	113	34	Nil	Nil
(1) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	10	5	Nil	Nil
Total	125	39	Nil	Nil

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)	Remedied (3)	Referred To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Want of cleanliness (S.1).	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors(S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	-	1	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork).	-	-	-	-	-
Total	-	1	-	-	-

2. Cases in which DEFECTS were found.

Particulars	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector	Number of cases in which defects were found
(1)	(2)	(3)	(4)	(5)	(6)
and of cleanliness	-	-	-	-	-
5.11.	-	-	-	-	-
overcrowding (8.2)	-	-	-	-	-
unreasonable	-	-	-	-	-
temperature (8.3)	-	-	-	-	-
adequate	-	-	-	-	-
ventilation (8.4)	-	-	-	-	-
collective drain-	-	-	-	-	-
age of floors (8.5)	-	-	-	-	-
sanitary	-	-	-	-	-
convenience (8.7)	-	-	-	-	-
(8) Insufficient	-	1	-	-	-
(9) Unstable	-	-	-	-	-
or defective	-	-	-	-	-
(10) Not separate	-	-	-	-	-
for sexes	-	-	-	-	-
other offences	-	-	-	-	-
against the Act	-	-	-	-	-
not including	-	-	-	-	-
offences relating	-	-	-	-	-
to (b) (10)	-	-	-	-	-
Total	-	1	-	-	-

Pet Animals Act, 1951.

There is one pet shop in the Urban District.

Offices, Shops and Railway Premises Act, 1963

Table A. Registration and General Inspections.

Type of premises	Number of premises registered during the year.	Total number of registered premises at the end of the year.	No. of registered premises receiving a general inspection during the year.
Offices	12	112	23
Retail Shops	17	132	25
Wholesale shops and Warehouses	4	20	7
Catering Establishments	Nil	16	12
Fuel Storage Depots	Nil	3	-
Totals	33	283	67

Table B Number of visits of all kinds by inspectors to registered premises: 143

Table C Analysis of persons employed in registered premises by workplace.

Class of Workplace	Number of Persons Employed
Offices	1093
Retail Shops	652
Wholesale Depots, Warehouses	279
Catering Establishments open to public	88
Canteens	7
Fuel Storage Depots	15
	<u>2134</u>

Males - 763

Females -1371

There is one pet shop in the Urban District.

Offices, Shops and Railway Premises Act, 1953

Table A. Registration and General Inspections.

Type of premises	Number of premises registered during the year.	Total number of registered premises at the end of the year.	No. of registered premises receiving a general inspection during the year.
Offices	12	112	23
Retail Shops	17	132	25
Wholesale shops and warehouses	4	20	7
Catering Establishments	111	16	12
Fuel Storage Depots	111	3	-
Totals	33	283	67

Table B

Number of visits of all kinds by inspectors to

registered premises: 143

Table C

Analysis of persons employed in registered premises by workplace.

Class of workplace	Number of Persons Employed
Offices	1092
Retail Shops	652
Wholesale Depots, Warehouses	279
Catering Establishments open to public	68
Canteens	7
Fuel Storage Depots	12
	<u>2114</u>

Males - 763

Females - 1351

