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Spalding
Rural District Council



REPORT
of the
Medical Officer of Health
and the
Chief Public Health Inspector
for
1972

SPALDING RURAL DISTRICT COUNCIL

Chairman:- Mrs. L.H. Hardy
Vice Chairman:- Mr. A.G. Stocker
Clerk of the Council:- Mr. H. Mayze F.I.M.T.A., F.R.V.A.

MEMBERS OF THE COUNCIL

Mr. T. Barker	Mrs. J. Panter
Mrs. E.A. Basford	Mrs. O.J. Senkey
Mrs. S.M. Bingham	Mr. B. Slater
Mr. T. Bray	Mr. H.E. Sneath
Mr. S. Chappell	Mr. S. Sperring
Mr. J.W.C. Coates	Mrs. L. Turner
Mr. W.E. Clark	Mr. J. Ward
Mr. S.A. Goodyear	Mrs. M.M. Waugh
Mr. F.W. Hardwick	Mr. L.A. Windsor
Mr. F. de R. Hensman	Mr. A.J. Witherington J.P.
Mrs. R. Hunt	Mr. H.G. Witherington
Mr. G.W. Machin	Mr. G.H. Wray
Mr. T.W. Mews	

MEMBERS OF THE PUBLIC HEALTH COMMITTEE

Chairman:- Mr. T. Barker
Vice Chairman:- Mr. T.W. Mews

Mrs. E.A. Basford	Mrs. O.J. Senkey
Mr. T. Bray	Mr. B. Slater
Mr. J.W.C. Coates	Mr. A.G. Stocker
Mr. S. Chappell	Mrs. L. Turner
Mr. J. Ward	Mr. L.A. Windsor
Mrs. R. Hunt	Mr. H.G. Witherington
Mrs. M.M. Waugh	

The Chairman and Vice-Chairman of the Council are ex-officio members.

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STAFF OF THE PUBLIC HEALTH DEPARTMENT

ACTING MEDICAL OFFICER OF HEALTH

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

PUBLIC HEALTH SURVEYOR AND INSPECTOR

F. Luker, M.A.P.H.I., R.S.H. Cert. Insp. of Food,

DEPUTY PUBLIC HEALTH SURVEYOR AND INSPECTOR

G. Ridgway, M.A.P.H.I., R.S.H. Cert. Insp. of Food, R.S.H. Cert. Smoke Inspector

PUBLIC HEALTH INSPECTORS

R.C. Wells, M.A.P.H.I., P.H.I. Diploma.

H. Baxter, M.A.P.H.I., P.H.I. Diploma.

AUTHORISED MEAT INSPECTOR

T. White, R.S.H. Meat Inspector.

SEWAGE WORKS SUPERINTENDENT AND CHEMIST

C.J. Griffin.

PUPIL CHEMIST

T. Barr.

CLERK AND SHORTHAND TYPIST

S. Stockdale.

WORKS FOREMAN

F. Emery.

RODENT CONTROL OFFICER AND DEPUTY FOREMAN

R. Short.

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SPALDING RURAL DISTRICT COUNCIL

Council Offices,
Priory Road,
SPALDING.

Annual Report of the Acting Medical Officer of Health
for the Year 1972.

To the Chairman and Members of the
Spalding Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

With feelings of regret I present to you for the last time the report on the health conditions in the Spalding Rural District.

The Mid-Year figure for the population of the district, given by the Registrar General, was 18,770. The natural increase, which is the excess of births over the number of deaths was 7.

There were 224 live births in the district during 1972, 30 fewer than in 1971. There were 9 illegitimate births which represented 4.02% of the total live births. The Crude Birth Rate was 11.9 which was adjusted by the comparability factor to a Corrected Live Birth Rate of 13.1. The corrected figure for England and Wales was 14.8.

There were 5 Still Births which gave a Still Birth Rate of 21.84. The national figure was 22.0.

During 1972, 3 infants under the age of 1 year died and this gave an Infant Mortality Rate of 13.44. The figure for England and Wales was 17.0. The deaths all happened after the first four weeks of life. The Perinatal Mortality Rate was 21.83 compared with 22.0 for England and Wales.

There were 217 deaths from all causes during the year, the highest figure in the past 15 years at least. This gave a death rate of 11.7 compared with the National figure of 12.1. There were 134 deaths from all forms of Heart and Circulatory diseases and this represented 62% of all deaths. There were 31 deaths due to Malignant Diseases and this represented 14% of all deaths.

Infectious Diseases were not very prevalent throughout the year. There were 22 cases of Measles, 6 of Scarlet Fever and 2 of Infective Jaundice. There were no new cases of Tuberculosis.

On the whole the vital statistics for the Rural District compared very favourably with those for England and Wales.

SPAINISH FUGAL IMMIGRATION

Council Office,
Fugate Road,
SPAINISH.

Annual Report of the Spanish Fugals Office of Spain
for the year 1977

To the Chairman and Members of the
Fugate Road Immigrant Council.

Mr. Chairman, Ladies and Gentlemen,

With feelings of regret I present to you for the last time the
report on the health conditions in the Spanish Fugals District.

The Mid-Year figure for the population of the district, given
by the Registrar General, was 18,770. The natural increase, which is the
excess of births over the number of deaths was 7.

There were 121 live births in the district during 1977, 30 fewer
than in 1976. There were 9 illegitimate births which represented 7.5% of
the total live births. The crude birth rate was 11.9 which was adjusted by
the fertility factor to a corrected live birth rate of 11.7. The
corrected figure for England and Wales was 11.5.

There were 5 still births which gave a still birth rate of 21.3.
The national figure was 22.0.

During 1977, 1 infant under the age of 1 year died and this gave
an infant mortality rate of 15.6. The figure for England and Wales was 17.0.
The deaths all happened after the first four weeks of life. The neonatal
mortality rate was 9.5 compared with 15.0 for England and Wales.

There were 217 deaths from all causes during the year, the highest
figure in the past 12 years so far. This gave a death rate of 11.7 compared
with the national figure of 11.1. There were 13 deaths from all forms of
heart and circulatory disease and this represented 6% of all deaths. There
were 31 deaths due to malignant diseases and this represented 14% of all deaths.

Infectious diseases were not very prevalent throughout the year. There
were 32 cases of measles, 6 of scarlet fever and 5 of infectious mononucleosis. There
were no new cases of tuberculosis.

On the whole the vital statistics for the Spanish Fugals compared
very favourably with those for England and Wales.

STATISTICS AND SOCIAL CONDITIONS OF THE DISTRICT

Later in the report are details of the many and varied activities of the Health Department. The staff are to be congratulated on another successful year.

The other Chief Officers and their staffs assisted the Department in many ways and their co-operation is gratefully acknowledged.

In conclusion I wish to thank the Chairman and Members of the Public Health Committee for their help, support and interest during 1972.

General	...	104
General	...	105
Deputy M.O. Health	G. HIRD.	
Deputy M.O. Health	Acting Medical Officer of Health.	
Deputy M.O. Health	...	780
Deputy M.O. Health	...	872
Deputy M.O. Health	...	775
Deputy M.O. Health	...	720
Deputy M.O. Health	...	317
Deputy M.O. Health	...	375
Deputy M.O. Health	...	501
Deputy M.O. Health	...	7161

The rateable value for the District is £255,535 and the rate represented by a penny rate is £3,790.

The main industry in the District is agriculture, including flower growing, market gardening and fruit farming.

There are no major factories in the District.

Later in the report are details of the many and varied activities of the Health Department. The staff are to be congratulated on another successful year.

The other Chief Officers and their staffs assisted the Department in many ways and their co-operation is gratefully acknowledged.

In conclusion I wish to thank the Chairman and Members of the Public Health Committee for their help, support and interest during 1973.

D. KING

Acting Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The area of the District is 87,758 acres with a resident population (1971 census) of 18,739.

The estimated population given by the Registrar General for the calculation of birth and death rates is 18,770.

The number of inhabited houses according to the rate books are distributed as follows:-

Cowbit	...	...	204
Crowland	...	...	1055
Deeping St. Nicholas	...	...	538
Donington	...	...	720
Gosberton	...	...	872
Moulton	...	...	975
Pinchbeck	...	...	1569
Quadring	...	...	349
Surfleet	...	...	375
Weston	...	...	504
TOTAL			<u>7161</u>

The rateable value for the District is £420,485 and the sum represented by a penny rate is £3,930.

The main industry in the district is agriculture, including flower growing, market gardening and fruit farming.

There are no major factories in the district.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The area of the District is 57,728 acres with a resident population (1971 census) of 18,739.

The estimated population given by the Registrar General for the calculation of birth and death rates is 18,710.

The number of inhabited houses according to the 1971 census are classified as follows:-

101	...	...	Count
102	...	...	Ground
215	...	...	Barry St. Nicholas
720	...	...	Dorchester
575	...	...	Dorchester
575	...	...	Horton
1200	...	...	Witchbeck
315	...	...	Witching
315	...	...	Witching
500	...	...	Witching
710	...	TOTAL	

The relative value for the District is 145,000 and the tax represented by a penny rate is 2,500.

The main industry in the district is agriculture, including flower growing, market gardening and fruit farming.

There are no major factories in the district.

EXTRACTS FROM VITAL STATISTICS

BIRTHS

LIVE BIRTHS

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	116	99	215
Illegitimate	6	3	9
TOTAL	<u>122</u>	<u>102</u>	<u>224</u>

Live birth rate per 1,000 home population (crude rate) 11.9

Live birth rate per 1,000 home population (adjusted rate) 13.1

Illegitimate live birth rate is 4.02% of total live births.

STILL BIRTHS

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	3	2	5
Illegitimate	-	-	-
TOTAL	<u>3</u>	<u>2</u>	<u>5</u>

Still births per 1,000 live and still births. 21.84.

TOTAL LIVE AND STILL BIRTHS

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	119	101	220
Illegitimate	6	3	9
TOTAL	<u>225</u>	<u>104</u>	<u>229</u>

EXTENSIVE VITAL STATISTICS

DEATHS

LIVE BIRTHS

Estimated	Actual	Total
115	95	210
5	3	8
120	100	220

Live birth rate per 1,000 home population (crude rate) 11.9

Live birth rate per 1,000 home population (adjusted rate) 13.1

Infant mortality rate is 1.0% of total live births.

STILL BIRTHS

Estimated	Actual	Total
3	2	5
1	1	2
4	3	7

Still birth rate per 1,000 live and still-births 21.5%

TOTAL LIVE AND STILL BIRTHS

Estimated	Actual	Total
118	101	219
6	3	9
124	104	228

DEATHS

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Deaths from all causes	126	51	217
Death rate per 1,000 home population (crude rate)		11.6	
Death rate per 1,000 home population (adjusted)		11.7	

INFANT DEATHS

	<u>Male</u>		<u>Female</u>	
	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Legitimate</u>	<u>Illegitimate</u>
Under 1 year of age	1	-	1	1
Under 4 weeks of age	-	-	-	-
Under 1 week of age	-	-	-	-
TOTAL	1	-	1	1

Infant Mortality Rates

Death rate under 1 year per 1,000 live births	13.44
Deaths of legitimate infants under 1 year per 1,000 legitimate live births	9.30
Deaths of illegitimate infants under 1 year per 1,000 illegitimate live births	111.11

Neonatal Mortality Rate

Deaths under 4 weeks of age per 1,000 total live births	NIL
---	-----

Early Neonatal Mortality Rate

Deaths under 1 week per 1,000 total live births	NIL
---	-----

Perinatal Mortality Rate

Still births and deaths under 1 week per 1,000 total live and still births	21.83
--	-------

Maternal Deaths

Maternal deaths from pregnancy, childbirth and abortion	NIL
---	-----

There were three infant deaths in the first year of life, one was attributed to Acute Pyogenic Meningitis, one to Congenital Heart Disease and one due to Islet Cell Tumour Condition.

DEATHS

Deaths from all causes

Male 750
Female 717
Total 1467

Death rate per 1,000 from population (crude rate) 11.6
Death rate per 1,000 from population (adjusted) 11.7

INFANT DEATHS

Male 100
Female 100
Total 200

Under 1 year of age 1

Under 6 weeks of age 1

Under 1 week of age 1

TOTAL 3

Infant Mortality Rate

Death rate under 1 year per 1,000 live births 13.44
Rate of infant deaths under 1 year per 1,000 live births 9.30
Rate of infant deaths under 1 year per 1,000 live births 11.11

Neonatal Mortality Rate

Deaths under 1 week of age per 1,000 total live births 11.1

Early Neonatal Mortality Rate

Deaths under 1 week per 1,000 total live births 11.1

Perinatal Mortality Rate

Still births and deaths under 1 week per 1,000 total live and still births 21.82

Maternal Deaths

Maternal deaths from pregnancy, childbirth and abortion 11.1

There were three infant deaths in the first year of life, one was attributed to acute pyogenic meningitis, one to bacterial heart disease and one due to late fetal toxemia condition.

AGE GROUPS OF DEATHS DURING 1972

	<u>MALE</u>	<u>FEMALE</u>	<u>PERCENTAGE OF TOTAL</u>
Under 4 weeks old	NIL	NIL	NIL
4 weeks to under 1 year old	1	2	1.38
1 year to 4 years old	1	-	0.46
5 years to 14 years old	2	-	0.92
15 years to 24 years old	3	2	2.30
25 years to 34 years old	NIL	NIL	NIL
35 years to 44 years old	2	3	2.30
45 years to 54 years old	7	5	5.53
55 years to 64 years old	25	14	17.97
65 years to 74 years old	29	22	23.50
Over 75 years old	<u>56</u>	<u>43</u>	45.62
TOTAL	<u>126</u>	<u>91</u>	

AGE GROUPS OF DEATHS DURING 1913

PERCENTAGE OF TOTAL	FEMALE	MALE	
11.1	11.1	11.1	Under 1 week old
1.15	2	1	1 week to under 1 year old
0.16	-	1	1 year to 4 years old
0.92	-	2	5 years to 10 years old
2.30	2	3	12 years to 20 years old
11.1	11.1	11.1	25 years to 30 years old
2.30	3	2	35 years to 40 years old
2.23	3	1	45 years to 50 years old
11.97	11	22	55 years to 60 years old
23.20	22	22	65 years to 70 years old
12.62	11	20	Over 75 years old
	31	120	TOTAL

COMPARISON WITH ENGLAND AND WALES

The figures for the Live Birth Rates and Death Rates given below have been corrected using comparability factors supplied by the Registrar General. These factors allow for the differing age and sex composition of the various populations, and enable valid comparisons to be made:-

	<u>Spalding R.D.C.</u>	<u>Holland C.C.</u>	<u>England and Wales</u>
Live Birth Rate	13.1	13.8	14.8
Death Rate	11.7	12.1	12.1
Still Birth Rate	21.84	14.0	22.0
Infant Mortality Rate (Deaths under 1 year)	13.44	12.0	17.0
Neonatal Mortality Rate (Deaths under 4 weeks)	NIL	8.0	12.0
Early Neonatal Mortality Rate (Deaths under 1 week)	NIL	6.0	10.0
Perinatal Mortality Rate	21.83	20.0	22.0
<u>Population Statistics</u>			
Total Live Births	224	1458	725,405
Total Still Births	5	20	8,794
<u>Deaths of Infants</u>			
(a) Under 1 year of age	3	17	12,494
(b) Under 4 weeks of age	NIL	11	8,373
(c) Under 1 week of age	NIL	9	7,142
Total Deaths	217	1287	591,907
Total Population	18,770	105,950	49,028,900

COMPARISON WITH ENGLAND AND WALES

The figures for the live birth rates and death rates given below have been corrected using comparability factors supplied by the Registrar General. These factors allow for the differing age and sex composition of the various populations, and enable valid comparisons to be made.

England and Wales	Holland C.C.	Scandinavia B.D.C.	
18.8	13.6	13.1	Live Birth Rate
12.1	12.1	11.7	Death Rate
23.0	26.0	21.8	Still Birth Rate
17.0	12.0	13.4	Infant Mortality Rate (Deaths under 1 year)
12.0	8.0	NIL	Neonatal Mortality Rate (Deaths under 6 weeks)
10.0	6.0	NIL	Early Neonatal Mortality Rate (Deaths under 1 week)
22.0	20.0	21.8	Fetal Mortality Rate
<u>Population Statistics</u>			
102,402	102,402	224	Total Live Births
8,798	20	2	Total Still Births
<u>Deaths of Infants</u>			
12,481	11	3	(a) Under 1 year of age
8,373	11	NIL	(b) Under 6 weeks of age
7,142	2	NIL	(c) Under 1 week of age
221,907	1227	217	Total Deaths
12,028,900	102,350	18,770	Total Population

CAUSES OF DEATH DURING 1972

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Other Infective and Parasitic Diseases	-	1	1
Malignant Neoplasm Buccal Cavity	1	-	1
Malignant Neoplasm Oesophagus	-	1	1
Malignant Neoplasm Stomach	4	1	5
Malignant Neoplasm Intestine	5	3	8
Malignant Neoplasm Lung Bronchus	3	1	4
Malignant Neoplasm Breast	-	3	3
Malignant Neoplasm Prostate	3	-	3
Other Malignant Neoplasms	2	4	6
Diabetes Mellitus	1	2	3
Other Endocrine etc., Diseases	-	1	1
Meningitis	1	-	1
Other Diseases of Nervous System	2	1	3
Chronic Rheumatic Heart Disease	1	3	4
Hypertensive Diseases	2	3	5
Ischaemic Heart Disease	37	26	63
Other Forms of Heart Disease	9	10	19
Cerebrovascular Disease	22	18	40
Other Diseases of Circulatory System	6	6	12
Influenza	1	-	1
Pneumonia	4	1	5
Bronchitis and Emphysema	11	-	11
Asthma	1	-	1
Other Diseases of Respiratory System	1	1	2
Peptic Ulcer	-	1	1
Appendicitis	1	-	1
Other Diseases of Digestive System	2	-	2
Diseases of Skin, Subcutaneous Tissue	-	1	1
Diseases of Musculo Skeletal System	-	1	1
Congenital Anomalies	1	-	1
Motor Vehicle Accidents	3	2	5
All Other Accidents	2	-	2
	<hr/>	<hr/>	<hr/>
TOTALS	126	91	217
	<hr/>	<hr/>	<hr/>

CAUSES OF DEATH DURING 1972

Total	Male	Female	
1	-	1	Other Infective and Parasitic Diseases
1	1	-	Kidney Disease, Urinary Tract
1	-	1	Kidney Disease, Urinary Tract
2	1	1	Kidney Disease, Urinary Tract
8	2	6	Kidney Disease, Urinary Tract
4	1	3	Kidney Disease, Urinary Tract
3	-	3	Kidney Disease, Urinary Tract
3	3	-	Kidney Disease, Urinary Tract
6	2	4	Other Kidney Diseases
3	1	2	Kidney Disease, Urinary Tract
1	-	1	Other Kidney Diseases
1	1	-	Kidney Disease, Urinary Tract
3	2	1	Other Diseases of Nervous System
4	1	3	Chronic Degenerative Heart Disease
2	2	-	Hypertensive Diseases
63	27	36	Ischemic Heart Disease
43	9	34	Other Forms of Heart Disease
40	22	18	Cerebrovascular Diseases
12	6	6	Other Diseases of Circulatory System
1	1	-	Influenza
2	1	1	Pneumonia
11	11	-	Bronchitis and Emphysema
1	1	-	Asthma
2	1	1	Other Diseases of Respiratory System
1	-	1	Peptic Ulcer
1	1	-	Apoplexy
2	2	-	Other Diseases of Digestive System
1	-	1	Diseases of Skin, Subcutaneous Tissue
1	-	1	Diseases of Endocrine System
1	1	-	Congenital Anomalies
2	2	-	Motor Vehicle Accidents
2	2	-	All Other Accidents
219	120	99	TOTAL

BIRTH RATES, DEATH RATES AND INFANT MORTALITY RATES
IN THE RURAL DISTRICT OF SPALDING 1958 - 1972

Year	No. of Births	Crude Birth Rates	No. of Deaths	Crude Death Rates	Infant Mortality Rates	AVERAGE FOR FIVE YEARS		
						Birth Rates	Death Rates	Infant Mortality Rates
1958	325	17.1	189	10.0	27.2	16.2	9.7	26.5
1959	315	16.5	194	10.1	22.2			
1960	320	16.6	160	8.3	9.4			
1961	293	15.2	182	9.4	27.3			
1962	303	15.6	207	10.6	46.3			
1963	286	14.6	162	8.3	21.0	15.4	9.3	20.5
1964	330	16.8	179	9.1	15.2			
1965	313	15.9	186	9.4	28.8			
1966	296	15.0	192	9.7	23.6			
1967	288	14.5	180	9.1	14.0			
1968	261	13.6	167	8.7	26.8	13.3	10.6	16.5
1969	270	13.8	209	10.9	22.6			
1970	256	13.4	196	10.3	7.8			
1971	257	13.6	213	11.4	11.8			
1972	224	11.9	217	11.6	13.4			

INFECTIOUS DISEASES

				Cases Notified	
				Male	Female
	Tuberculosis - pulmonary	...	...	-	-
	Tuberculosis - other	...	...	-	-
	Scarlet Fever	...	...	4	2
	Whooping Cough	...	...	-	-
	Measles	...	...	11	11
	Acute Pneumonia	...	...	-	-
	Erysipelas	...	...	-	-
	Meningococcal Infection	...	...	-	-
	Ophthalmia Neonatorum	...	...	-	-
	Sonne Dysentery	...	...	-	-
	Food Poisoning	...	...	-	-
	Infective Jaundice	...	...	2	-
				<hr/>	<hr/>
		TOTALS		17	13
				<hr/>	<hr/>

TUBERCULOSIS

Cases of Tuberculosis on Register at 31.12.72 are as follows:-

			<u>Male</u>	<u>Female</u>	<u>Total</u>
	Pulmonary	...	18	14	32
	Non Pulmonary	...	1	2	3
			<hr/>	<hr/>	<hr/>
		TOTALS	19	16	35
			<hr/>	<hr/>	<hr/>

Cases added to Register during 1972 - NONE.

PROTECTION AGAINST INFECTIOUS DISEASES

I am indebted to the County Medical Officer for the following information.

VACCINATION OF PERSONS UNDER 16 YEARS COMPLETED DURING 1972
COMPLETED PRIMARY COURSE

Type of Vaccine or Dose	YEAR OF BIRTH					Others Under Age 16 years
	1972	1971	1970	1969	1965-68	
Quadruple DTPP	-	-	-	-	-	-
Triple DTP	36	118	23	1	2	-
Diphtheria/Pertussis	-	-	-	-	-	-
Diphtheria/Tetanus	-	2	-	-	-	2
Diphtheria	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-
Tetanus	-	-	-	-	-	14
Salk	-	-	-	-	-	-
Sabin	39	121	24	-	6	1
Lines 1,2,3,4,5 (Diphtheria)	36	120	23	1	2	2
Lines 1,2,3,6 (Whooping Cough)	36	118	23	1	2	-
Lines 1,2,4,7 (Tetanus)	36	120	23	1	2	16
Lines 1,8,9 (Polio)	39	121	24	-	6	1
Measles	-	71	45	12	18	3

REINFORCING DOSES

Type of Vaccine or Dose	YEAR OF BIRTH				Others Under Age 16 years	15-19 Years
	1971	1970	1969	1965-68		
Quadruple DTPP	-	-	-	-	-	-
Triple DTP	3	11	4	47	22	-
Diphtheria/Pertussis	-	-	-	-	-	-
Diphtheria/Tetanus	-	-	2	171	191	-
Diphtheria	-	-	-	6	4	-
Pertussis	-	-	-	-	-	-
Tetanus	-	-	2	13	52	-
Salk	-	-	-	-	-	-
Sabin	25	29	9	190	83	40
Lines 1,2,3,4,5 (Diphtheria)	3	11	6	224	217	-
Lines 1,2,3,6 (Whooping Cough)	3	11	4	47	22	-
Lines 1,2,4,7 (Tetanus)	3	11	8	231	265	-
Lines 1,8,9 (Polio)	25	29	9	190	83	40

WATER SUPPLY

I am indebted to Mr. N.A. Eagles C. Eng., M.I.C.E., M.I.W.E., the Engineer and Manager of the South Lincolnshire Water Board for the information in this section of the report.

During the year, the new borehole source at Rippingale was brought into operation to supplement supplies from the sources at Bourne, Jockey and Wilsthorpe. Despite the below average rainfall, which resulted in water levels in the boreholes falling to the lowest level recorded, supplies were satisfactorily maintained to all areas throughout the year.

The total quantity of water distributed to the combined Spalding Rural, Spalding Urban and East Elloe Rural Districts during the year was 1,335,201,000 gallons (3.648 m.g.d.). This represents an increase of 82,568,000 gallons (6.6%) above the corresponding figure for 1971.

The calculated quantity supplied to the Spalding Rural District alone was as follows:-

	<u>Total</u> <u>Gallons</u>	<u>Daily Average</u> <u>Gallons</u>	<u>Consumption per head</u> <u>of population</u> <u>gallons/day</u>
Metered	92,818,000	253,600	13.53
Domestic	235,392,000	643,100	34.32
Total	328,210,000	896,700	47.85

Samples were taken each week from the sources of supply (raw and treated samples) and also from various points within the distribution system and were submitted for bacteriological examination at the Public Health Laboratory at Peterborough. Apart from the odd one or two suspect results, which usually on investigation were shown to be more likely due to bad sampling technique rather than contamination of the water supply, all samples were satisfactory.

Details of the new mains laid in the various parishes of the Rural District during the year are shown in the following table:-

<u>LOCATION</u>	<u>METRES LAID</u>				<u>TOTAL</u>
	<u>50mm (2")</u>	<u>76mm (3")</u>	<u>102mm (4")</u>	<u>152mm (6")</u>	
Donington, Church Street		105			105
Donington, Highfields Est.		93			93
Crowland, Bypass		128	301		429
Crowland, Ambury Gardens		252			252
Pinchbeck, Cherry Holt Est.		119	112	202	433
Haulton, Bell Lane		393			393
Weston, Small Drove		121			121
Gosberton, Bowgate Lane	75				75
TOTALS	75	1,211	413	202	1,901

Chemical analysis of water from Bourne, Wilsthorpe, West Pinchbeck and Rippingale bores were carried out and the results are given below:-

Chemical Results in parts per million

	<u>Bourne</u>	<u>Wilsthorpe</u>	<u>West Pinchbeck</u>	<u>Rippingale</u>
Appearance	Clear and Bright	Clear and Bright	Clear and Bright	Clear and Bright
Colour (Pt-Co scale)	2	2	2	2
Odour	None	None	None	Vague Musty
Taste	None Discernable	None	None Discernable	None
pH	7.2	7.2	7.3	7.3
Free Chlorine	NIL	NIL	NIL	NIL
Total Chlorine	NIL	NIL	NIL	NIL
Caustic Alkalinity (CaCO_3)	NIL	NIL	NIL	NIL
Total Alkalinity (Ca CO_3)	228	225	253	245
Total Hardness (Ca CO_3)	396	383	309	282
Calcium Hardness (CaCO_3)	357	341	261	238
Calcium	142	136	105	95
Maganese	9.4	10.2	12.4	10.7
Free and Saline Ammonia	0.01	0.01	0.03	0.13
Iron	0.01	0.02	0.06	-
Copper	NIL	NIL	+VE	NIL
Zinc	NIL	NIL	+VE	NIL
Manganese	NIL	NIL	NIL	NIL
Aluminium	None Discernable	None Discernable	None Discernable	None Discernable
Chromium	None Discernable	None Discernable	None Discernable	None Discernable
Sulphate	144	129	83	66
Chloride	30	27	29	21
Nitrite	NIL	NIL	NIL	NIL
Nitrate (No_3)	8.9	14.6	NIL	NIL
Fluoride	0.23	0.23	0.57	0.51
Total Mineral Acidity	187	164	119	95
Free CO_2	30	28	25	27
Total Dissolved Solids @ 105°C	536	532	456	390
Arsenic, Cadium, Lead, Cyanide	NIL	NIL	NIL	NIL

and hydrocarbons were carried out and the results are given below.

Chemical Analysis of Waste Water Effluent

Parameter	Unit	Sample 1	Sample 2	Sample 3	Sample 4
Color (Pt-Co scale)		2	2	2	2
Odor		None	None	None	None
Taste		None	None	None	None
pH		7.2	7.2	7.2	7.2
Total Chlorine	mg/l	111	111	111	111
Total Chlorine	mg/l	111	111	111	111
Calcium Alkalinity (CaCO ₃)	mg/l	111	111	111	111
Total Alkalinity (CaCO ₃)	mg/l	111	111	111	111
Total Hardness (CaCO ₃)	mg/l	111	111	111	111
Calcium Hardness (CaCO ₃)	mg/l	111	111	111	111
Calcium	mg/l	111	111	111	111
Iron	mg/l	0.01	0.01	0.01	0.01
Copper	mg/l	0.01	0.01	0.01	0.01
Lead	mg/l	0.01	0.01	0.01	0.01
Mercury	mg/l	0.01	0.01	0.01	0.01
Aluminum	mg/l	0.01	0.01	0.01	0.01
Chromium	mg/l	0.01	0.01	0.01	0.01
Sulfate	mg/l	111	111	111	111
Chloride	mg/l	111	111	111	111
Nitrate	mg/l	111	111	111	111
Nitrite (NO ₂)	mg/l	0.01	0.01	0.01	0.01
Phosphate	mg/l	0.01	0.01	0.01	0.01
Total Mineral Acidity	mg/l	111	111	111	111
Total Organic Acidity	mg/l	111	111	111	111
Total Dissolved Solids	mg/l	111	111	111	111
Total Solids	mg/l	111	111	111	111

Remarks on Samples taken from the Four Pumping Stations

Raw Water from Bourne Pumping Station

The results indicate that the sample conforms with the standard approved by the W.H.O. 1971 International and 1970 European recommendations for Drinking Water with regard to chemical content.

Raw Water from Wilsthorpe Pumping Station

The results on analysis indicate a water which conforms to the International and European W.H.O. standards for Drinking Water with respect to chemical content.

Raw Water from Jockey Bore Pumping Station, West Pinchbeck

The results indicate that the sample conforms with the Standards approved by the W.H.O. 1971 International and 1970 European recommendations for Drinking Water with regard to chemical content.

Although copper and zinc was found to be present it is almost certain that these elements were introduced at the time of sampling and originate from the sampling line.

Raw Water from Rippingale Pumping Station

The results of analysis indicate a water which conforms with the International and European W.H.O. Standards for Drinking Water as far as chemical content is concerned.

The trace of odour and the turbidity on standing is due to the iron present in the ferrous form.

Results on Samples Taken from the Four Pumping Stations

Raw Water from Bourne Pumping Station

The results indicate that the sample conforms with the standard approved by the W.H.O. 1971 International and 1970 European Recommendations for Drinking Water with regard to chemical content.

Raw Water from Willesley Pumping Station

The results on analysis indicate a water which conforms to the International and European W.H.O. standards for Drinking Water with regard to chemical content.

Raw Water from Hooker Bay Pumping Station, West Pinnacles

The results indicate that the sample conforms with the standards approved by the W.H.O. 1971 International and 1970 European Recommendations for Drinking Water with regard to chemical content.

Although copper and zinc were found to be present it is almost certain that these elements were introduced at the time of sampling and originate from the sampling line.

Raw Water from Whangarei Pumping Station

The results of analysis indicate a water which conforms with the International and European W.H.O. standards for Drinking Water as far as chemical content is concerned.

The trace of silver and the turbidity on standing is due to the iron present in the ferrous form.

Sanitary Circumstances of the Area as Reported
by the Public Health Surveyor and Inspector.

To the Chairman and Members of the
Spalding Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I wish to submit for your consideration this report, which will be the last I make to you, on the sanitary circumstances of the District for the year 1972. As in previous years the table of visits, made by the Public Health Inspectors, shows that the duties of meat inspection, inspections in connection with public sewerage schemes and the provision of domestic drainage, inspections under the Housing Acts 1957-69 and food hygiene visits, have, in that order of priority taken up most of the Inspectors' time. The meat inspection work, at Hargraves Slaughterhouse Pinchbeck, has increased substantially during the year.

I cannot retire from Local Government service without thanking all Members of the Council and particularly the Chairman and Vice-Chairman of the Public Health Committee for the courtesy and support which they have given me during my years of service. Also I wish to record my appreciation of the excellent co-operation which I have received from the staff of the Department and particularly my deputy, Mr. G. Ridgway, who has prepared the statistics etc., in this report.

I am Ladies and Gentlemen,

Yours faithfully,

F. LUKER.

Public Health Surveyor and Inspector,

Sentinel Circumstances of the Year as Reported
by the Public Health Surveyor and Inspector.

To the Chairman and Members of the
Spokane Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I wish to submit for your consideration this report, which will be the
last I make to you, on the sanitary circumstances of the District for the
year 1912. In the previous years the table of rates, made by the Public
Health Inspector, shows that the duties of most inspection, inspection in
connection with public health measures and the provision of domestic drainage,
inspection under the Housing Act 1907-09 and Food Hygiene Act, have in
that order of priority taken up most of the Inspector's time. The most
inspection work, at Hagerman, Blaine, and Ponderosa, has indeed
necessarily during the year.

I cannot receive from local Government service without thanking all members
of the Council who particularly the Chairman and Vice-Chairman of the Public
Health Committee for the courtesy and support which they have given me during
my years of service. Also I wish to report my appreciation of the excellent
co-operation which I have received from the staff of the Department and
particularly my deputy, Mr. B. Edgway, who has performed the duties
etc., in this report.

I am, Ladies and Gentlemen,

Yours faithfully,

A. L. L. L.

Public Health Surveyor and Inspector.

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

<u>Subject of Visit</u>				<u>Initial Visits</u>	<u>Routine or Re-visits</u>
Housing Acts 1957-72	...	...	...	48	370
Water Supplies, Water Samples	...	...	...	14	4
Overcrowding Complaints	...	...	...	-	-
Moveable Dwellings	...	...	...	20	21
Food Samples and Food Inspections	...	...	...	36	3
Food Hygiene	...	...	...	90	98
Factories and Workplaces	...	...	...	26	9
Public Conveniences	...	...	...	-	26
Infectious Diseases	...	...	...	18	1
Disinfestation and I.D.	...	...	...	-	-
Prevention of Damage by Pests Act	...	...	...	36	20
Disinfestation	....	....	...	12	7
Drain Tests	...	...	...	17	5
Housing Site Sewerage Schemes	...	...	...	4	35
Refuse Service	...	...	...	63	74
Night Soil and Cesspool Emptying Service	...	...	...	33	22
Slaughterhouses	...	...	...	-	16
Public Sewerage Schemes	...	...	...	258	382
Improvement Grants	...	...	...	16	7
Nuisances General	...	...	...	87	121
Miscellaneous	...	...	...	70	21
Meat Inspection	...	...	...	-	690
Offices, Shops and Railway Premises Act	...	...	...	82	45
Civic Amenities Act	...	...	...	26	17
Scrap Dealers Act	...	...	...	1	2
Clean Air Act	...	...	...	2	-
Pet Shops	...	...	...	4	-
Animal Boarding Establishments	...	...	...	4	-
Poultry Premises	...	...	...	1	6
National Assistance Act	...	...	...	9	14
Delivery Vehicles	...	...	...	6	-

SANITARY SERVICES

Details of the work done during the year by the two regularly used cesspool machines, the pail emptying machines used three days per week and the reserve vehicle, occasionally used for the work are as follows:-

<u>Cesspools</u>	<u>Vault Closets</u>	<u>Cisterns etc.</u>
2459	64	38

The "Free Service" system has been in operation throughout the year, which allows each domestic property within the District, which is not capable of being connected to a public sewerage system, to have one cesspool load of approximately 1100 gallons, removed from the property, free of charge within each twelve months. The following table gives a breakdown of the number of free loads, the number of chargeable loads removed from private properties and the number of loads removed from Council Houses.

<u>Free Loads</u>	<u>Chargeable Loads</u>	<u>Council Houses</u>
1269	730	1110

On numerous occasions the machines were used to remove sludge from the settlement tanks and humus tanks at the housing estate sewage works, involving a total of 491 loads. (On several occasions sludge was removed from the Bank House Private Sewage Works and the West Pinchbeck Primary School Sewage Works).

During the year sludge has been removed from the Digestion Tanks and Sludge Holding Tanks at the Public Sewerage Works, involving a total of 121 loads.

Total number of loads removed during the year for all purposes was 3721 loads.

REMARKS

Details of the work done during the year 1911 are given in the following table. The total number of specimens collected during the year was 1,000, and the number of specimens of the various species, as shown in the following table:-

Number of specimens

Number of species

Number of localities

1911

The first series of specimens was collected in the month of January, and consisted of 100 specimens of the various species, as shown in the following table. The second series of specimens was collected in the month of February, and consisted of 100 specimens of the various species, as shown in the following table. The third series of specimens was collected in the month of March, and consisted of 100 specimens of the various species, as shown in the following table. The fourth series of specimens was collected in the month of April, and consisted of 100 specimens of the various species, as shown in the following table. The fifth series of specimens was collected in the month of May, and consisted of 100 specimens of the various species, as shown in the following table. The sixth series of specimens was collected in the month of June, and consisted of 100 specimens of the various species, as shown in the following table. The seventh series of specimens was collected in the month of July, and consisted of 100 specimens of the various species, as shown in the following table. The eighth series of specimens was collected in the month of August, and consisted of 100 specimens of the various species, as shown in the following table. The ninth series of specimens was collected in the month of September, and consisted of 100 specimens of the various species, as shown in the following table. The tenth series of specimens was collected in the month of October, and consisted of 100 specimens of the various species, as shown in the following table. The eleventh series of specimens was collected in the month of November, and consisted of 100 specimens of the various species, as shown in the following table. The twelfth series of specimens was collected in the month of December, and consisted of 100 specimens of the various species, as shown in the following table.

Number of specimens

Number of species

Number of localities

1912

In the month of January, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of February, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of March, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of April, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of May, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of June, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of July, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of August, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of September, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of October, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of November, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table. In the month of December, the number of specimens collected was 100, and the number of specimens of the various species, as shown in the following table.

During the year 1912, the number of specimens collected was 1,000, and the number of specimens of the various species, as shown in the following table. The total number of specimens collected during the year was 1,000, and the number of specimens of the various species, as shown in the following table.

Total number of specimens collected during the year 1912 was 1,000.

Total number of specimens collected during the year 1912 was 1,000.

The expected decrease in this service due to the installation of public sewerage schemes is now slowly materializing, the number of loads removed over the past eight years is as follows:-

1965	-	3247 loads.
1966	-	4466 loads.
1967	-	4616 loads.
1968	-	4403 loads.
1969	-	4639 loads.
1970	-	4055 loads.
1971	-	3905 loads.
1972	-	3721 loads.

As the demand for the cesspool service reduces, the vehicles will be used for other important work of the Department, such as the maintenance of both the public sewers and sewers to the Housing Estates.

At approximately 1100 gallons per load, the above figures mean that some 4,093,100 gallons of cesspool contents and sewage works sludge were transported and disposed of during the year.

The Council's Consulting Engineers are designing a plant for the drying of sewage sludge. It is proposed that this plant be built, in conjunction with neighbouring Authorities, as part of a scheme to deal with sewage disposal. Due to this proposal, permission was obtained from the Welland and Nene River Authority for the contents of cesspools from this Authority to be discharged into the Spalding Urban District Council's sewage works for treatment.

Pail Closet Emptying

This service has been maintained during the year and continues to be by far the most objectionable work regularly carried out under the heading of Sanitary Services.

The routes are under constant review and the time now taken to serve the houses using pail closets has been reduced to less than two days.

The number of properties using this service declines every year, last years total of 196 houses has been further reduced to 172 houses.

The reduction in this service is due to two main factors, either the houses are provided with a water carriage drainage system, or, they are condemned by this Council under the provisions of the Housing Acts 1957-69.

The manner in which this work and the cesspool emptying has been carried out again reflects credit on the Department Foreman and particularly the workmen, who carry out these unpleasant but essential services.

Refuse Collection and Disposal

Refuse is removed from premises in the Area using the "Kerb-side" collection method. Most of the domestic refuse is collected weekly, the exceptions, being a few very isolated properties which are serviced fortnightly.

Throughout the year all refuse has been disposed of in the Crowland Refuse Tip. As Crowland is sited on the District's southern most boundary, the distances travelled by some of the vehicles on any one days work of collecting and disposing of the refuse is considerable, the longest daily route being some 89 miles.

The increase in the number of new houses in the Area has resulted in an increased demand on the Refuse Scheme, the Council's forethought in buying larger capacity modern refuse freighters has again enabled the collections to be maintained without increasing the total number of vehicles in regular use.

During the year under review, meetings have been held with neighbouring Authorities with a view to providing a joint refuse scheme, but, as yet no formal decision has been made.

The salvage of certain saleable materials, such as waste paper, scrap iron, non ferrous metals, rags etc., has been carried out during the year. The total value of materials sold was £2,196 which is an increase of £144 on the previous year.

This service has been well received by the public and has been a great help to the community. The service is being expanded to include more areas and more people.

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Drainage and Sewerage - Council Houses

During the year 167 blocked drains on the Council Estates were cleared by the Public Health Department Workmen.

The Housing Committee has again continued the scheme for improving the older Council Houses and the position at 31st December 1972, as supplied by the Direct Labour Manager and Housing Officer:-

Houses fully improved with bathrooms, W.C's etc.	512
Houses provided with W.C's but not bathrooms	89
Houses still without W.C's or bathrooms	28

The continuation of this work is desirable from all points of view and it is hoped that nothing will arise to cause any delay in the early completion of these schemes.

Public Sewerage

Work of connecting both new and existing properties to the Public Sewerage Schemes proceeded during the year and in a number of cases owners of existing properties took advantage of the Improvement Grant Scheme to obtain cash grants towards the cost of providing bathrooms, hot water supplies and waterclosets as the convenience of public sewerage became available to them.

The Quadring Village Sewerage Scheme was completed during the year, the works being commissioned on the 21st of December. Work on the Surfleet Public Sewerage Scheme started in March of this year and by December some 68% of the work had been completed satisfactorily. Preliminary work in the Cowbit, Moulton Chapel and Weston Hills Public Sewerage Scheme continued during the year and in December tenders were invited from the selected contractors, it is hoped that the scheme will be commenced early in 1973.

During the year 1957 several houses on the ...
of the Public Housing Department ...

The Housing Committee has since ...
elder Council House and the ...
the House Labour Member and ...

House fully ...
House provided with ...
House still without ...

The completion of this work is ...
it is hoped that nothing will ...
of these schemes.

Public Housing

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MEAT AND FOOD INSPECTION

Class of Animal	Cattle (Excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs
Number killed	1889	6	-	3657	54640
Number inspected	1889	6	-	3657	54640
<u>MEAT REJECTED</u>					
<u>All Diseases except Tuberculosis</u>					
Whole Carcasses rejected	1	-	-	8	67
Carcasses of which some part of organ was rejected	325	6	-	36	5670
Percentage of carcasses affected	17.20%	100%	-	1.20%	10.49%
<u>Tuberculosis only</u>					
Whole Carcasses rejected	-	-	-	-	1
Carcasses of which some part or organ was rejected	1	-	-	-	529
Percentage of carcasses affected	0.05%	-	-	-	0.97%

Cysticercus Bovis

No Beast Carcasses and Offals were found to be affected with the Cysts of the Tapeworm Taenia Saginata. This is the first time for many years that this condition has not been found in any bovine animals slaughtered within the District. The incidence of this once fairly common condition has decreased over the years as indicated:-

Year	Number of Carcasses Affected	Percentage
1964	48	1.48%
1965	22	0.78%
1966	14	0.54%
1967	8	0.29%
1968	6	0.29%
1969	1	0.04%
1970	1	0.04%
1971	1	0.04%
1972	NIL	NIL

Tuberculosis

Pigs

From clinical examination, lesions of tuberculosis were found in 530 pig carcasses, the lesions were mainly of the avian type and in most cases the infections were localised in the sub-maxillary lymph glands.

The incidence of tuberculosis in pigs has not followed the same downward trend as tuberculosis in bovine animals, the number of pig carcasses where some part was condemned for tuberculosis has fluctuated over the years as follows:-

Year	Number of Animals found to be affected with tuberculosis	Percentage of Animals killed
1965	170	1.63%
1966	182	0.82%
1967	259	1.08%
1968	353	1.69%
1969	236	1.95%
1970	290	1.28%
1971	365	0.85%
1972	530	0.97%

From clinical examination, lesions of tuberculosis were observed in 250 pig carcasses, the lesions were mainly of the lungs. In some cases the infections were localized in the subcutaneous tissue.

The incidence of tuberculosis in pigs has been relatively low in Denmark from 1925 to 1934. In some districts, the incidence was higher than in other parts and was considered for statistical purposes over the years as follows:-

Year	Number of animals found to be affected with tuberculosis	Percentage of infected animals
1925	110	2.4
1926	100	2.2
1927	100	2.2
1928	100	2.2
1929	100	2.2
1930	100	2.2
1931	100	2.2
1932	100	2.2
1933	100	2.2
1934	100	2.2

Tuberculosis

Bovine Animals

For the first time in four years a lesion of tuberculosis was found in a bovine animal. The lesion which occurred in an "Irish Store Beast" was old and calcified, the condition was reported to the Ministry of Agriculture, Fisheries and Food for their information. Since the introduction of the Bovine Tuberculosis Eradication Scheme this once common disease has become rare. During the past seven years the only bovine animals found, on inspection, to be infected with the disease were the ones isolated by the Ministry's Veterinary Service during their routine testing of cattle, these were dispatched for slaughter under licence.

The number of bovine animals found to be affected with tuberculosis over the past seven years is as follows:-

Year	Number of Animals found to be infected with Tuberculosis	Percentage of Animals killed
1966	5	0.19%
1967	13	0.48%
1968	13	0.48%
1969	NIL	NIL
1970	NIL	NIL
1971	NIL	NIL
1972	1	0.05%

For the first time in four years a finding of tuberculosis was found in a bovine animal. The finding was reported as an isolated case. It was old and untreated, the condition was reported to the Department of Agriculture, Fisheries and Forestry, and the Department of Health. The introduction of the bovine tuberculosis test in 1954 has been a common disease has become more frequent. During the past seven years the bovine animals found, on inspection, to be infected with the disease were the ones isolated by the Department of Agriculture, Fisheries and Forestry. Positive testing of cattle, sheep and horses has been reported.

The number of bovine animals found to be infected with tuberculosis over the past seven years is as follows:

Year	Number of animals found to be infected with tuberculosis	Percentage of animals killed
1956	2	0.101
1957	13	0.152
1958	13	0.472
1959	212	21
1960	212	21
1961	212	21
1962	1	0.202

Meat Inspection

100% meat inspection has again been carried out during the year. At three of the slaughterhouses in the area, the number of animals slaughtered have been comparable with previous years, but at the slaughterhouse occupied by Mr. W.H. Hargrave at Knight Street, Finchbeck, the number of animals slaughtered has increased over the past year, and there is every indication that the throughput from these premises will continue to rise. The time will soon come when the extra work cannot be absorbed by the present working staff of the Department and then extra Meat Inspection Staff will have to be employed.

Number of animals slaughtered at each slaughterhouse are as follows:-

	<u>Cattle</u>	<u>Pigs</u>	<u>Sheep</u>
Mr. A.T. Browning, Deeping St. Nicholas	86	458	310
Mr. W.H. Hargrave, Finchbeck	914	51,524	2219
Messrs. W.E. Pannell & Sons, West Finchbeck	93	291	260
Messrs. Parkinson Brothers, Mill Green	802	2,367	348

Details of other food found to be unfit for human consumption:-

1,924 stones of Onions	-	Decomposition
79 lbs. Pork	-	Decomposition
9,980 lbs. Pork	-	Decomposition
208 crates of Satsumas	-	Decomposition and Mould Growth.

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Details of Meat and Offals rejected as unfit for food are contained in the following lists:-

<u>Article</u>	<u>Disease or Condition found</u>
1 Beast Carcase and Offals	Multiple Tumours
1 Sheep Carcase and offals	Acute Septic Mastitis
1 Sheep Carcase and offals	Uraemia
3 Sheep Carcases and offals	Generalised Oedema and Emaciation
1 Sheep Carcase and offals	Septicaemia
2 Sheep Carcases and offals	Moribond Condition
4 Pig Carcases and offals	Fever
3 Pig Carcases and offals	Acute Septic Pneumonia
8 Pig Carcases and offals	Septicaemia
8 Pig Carcases and offals	Multiple Abscesses
9 Pig Carcases and offals	Pathological Emaciation
2 Pig Carcases and offals	Extensive and severe bruising
6 Pig Carcases and offals	Generalised Oedema
9 Pig Carcases and offals	Pyaemia
4 Pig Carcases and Offals	Moribond Condition
1 Pig Carcase and offals	Generalised Tuberculosis
2 Pig Carcases and offals	Uraemia
2 Pig Carcases and offals	Multiple Tumours
3 Pig Carcases and offals	Acute Diffuse Septic Pleurisy
4 Pig Carcases and offals	Acute Diffuse Septic Peritonitis
1 Pig Carcase and offals	Bilateral Pyelonephritis
1 Pig Carcase and offals	Jaundice

Details of these and other projects are given in the following list:-

Projects

- | | |
|--------------------------------|--------------------------------|
| 1. Sheep Carcasses and Offals | 1. Sheep Carcasses and Offals |
| 2. Sheep Carcasses and Offals | 2. Sheep Carcasses and Offals |
| 3. Sheep Carcasses and Offals | 3. Sheep Carcasses and Offals |
| 4. Sheep Carcasses and Offals | 4. Sheep Carcasses and Offals |
| 5. Sheep Carcasses and Offals | 5. Sheep Carcasses and Offals |
| 6. Sheep Carcasses and Offals | 6. Sheep Carcasses and Offals |
| 7. Sheep Carcasses and Offals | 7. Sheep Carcasses and Offals |
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| 9. Sheep Carcasses and Offals | 9. Sheep Carcasses and Offals |
| 10. Sheep Carcasses and Offals | 10. Sheep Carcasses and Offals |
| 11. Sheep Carcasses and Offals | 11. Sheep Carcasses and Offals |
| 12. Sheep Carcasses and Offals | 12. Sheep Carcasses and Offals |
| 13. Sheep Carcasses and Offals | 13. Sheep Carcasses and Offals |
| 14. Sheep Carcasses and Offals | 14. Sheep Carcasses and Offals |
| 15. Sheep Carcasses and Offals | 15. Sheep Carcasses and Offals |
| 16. Sheep Carcasses and Offals | 16. Sheep Carcasses and Offals |
| 17. Sheep Carcasses and Offals | 17. Sheep Carcasses and Offals |
| 18. Sheep Carcasses and Offals | 18. Sheep Carcasses and Offals |
| 19. Sheep Carcasses and Offals | 19. Sheep Carcasses and Offals |
| 20. Sheep Carcasses and Offals | 20. Sheep Carcasses and Offals |

eric Fat

nes will not be operated by the collector and his wife. The

The following table and part contained in the list of items for food, the various reasons being the reasons for the list.

1	Beef Liver
2	Beef Liver
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91	Beef Liver
92	Beef Liver
93	Beef Liver
94	Beef Liver
95	Beef Liver
96	Beef Liver
97	Beef Liver
98	Beef Liver
99	Beef Liver
100	Beef Liver

Poultry Inspection

Number of poultry premises in the District	...	...	1
Number of visits to these premises	...	...	7
Total number of birds (all types) processed during the year			17,350
Turkeys	...	...	150
Ducks	...	...	200
Hens	....	...	1,000
Broilers	...	...	15,000
Capons	...	...	1,000

(Figures as supplied by the occupier Mr. J. Gedney)

Percentage of birds rejected as unfit for human consumption	3%
Weight of poultry rejected as unfit for human consumption	2440lbs.

The premises are small and are operated by the occupier and his wife. The small throughput of birds is slaughtered at irregular hours, mainly at week-ends and evenings. The quality of the birds dealt with is good and the small percentage of rejects is due mainly to damage in collection or transit. Arrangements have been made for the occupier to reject any unsound birds and notify the Department.

FOOD HYGIENE (GENERAL) REGULATIONS 1970

	Butchers	Bakers	Fried Fish Shops	Grocers	Public Houses	Cafes	Sweet Shops and Confect- ioners	Green grocers
Number of premises	14	6	7	40	38	5	7	1
Number of premises fitted to comply with Regulation 16 (Provision of wash- hand basins)	14	6	7	40	38	5	7	1
Number of premises to which Regulation 19 applies (Provision of sinks)	14	6	7	39	38	5	7	1
Number of premises fitted to comply with Regulation 19	14	6	7	39	38	5	7	1

Food Premises

There has been little change in the character of the food shops and food manufacturing premises in the District which are of the small family business type. In the larger villages, however, some of the village stores have been modernised and are changing in character into self service stores.

Ice Cream Premises

There are no premises in the area where ice-cream is manufactured, the retail trade from premises is restricted to portions pre-packed by the manufacturers. Routine sampling was carried out during the year and all samples, on test, proved to be satisfactory.

Slaughterhouses

There are four registered slaughterhouses in the area. Two of the premises are occupied by family butchers producing meat for their own trade, the third produces meat for the owners retail and wholesale trades, and the fourth premises is a wholesale slaughterhouse.

Most of the contraventions of the Regulations made under the Slaughterhouses Act 1950 were of a minor nature and were dealt with by informal notices.

Milk and Dairies

All milk retailed in the area is designated milk in bottles. There is one milk pastuerising plant in the District and this is licenced and supervised by the County Council.

Introduction

There has been little change in the character of the "new" movement, which is the subject of this study. In the past, it was a movement of the masses, but now it is a movement of the masses and the clergy in the same way.

The First Period

There are no doubts in the mind of the author that the first period of the movement is the most important. It is the period of the first movement, which is the most important. It is the period of the first movement, which is the most important.

Second Period

There are four registered movements in the world. They are the first, second, third, and fourth. They are the first, second, third, and fourth. They are the first, second, third, and fourth. They are the first, second, third, and fourth.

There are four registered movements in the world. They are the first, second, third, and fourth. They are the first, second, third, and fourth. They are the first, second, third, and fourth. They are the first, second, third, and fourth.

Third Period

There are four registered movements in the world. They are the first, second, third, and fourth. They are the first, second, third, and fourth. They are the first, second, third, and fourth. They are the first, second, third, and fourth.

Disinfection and Disinfestation

The fumigation plant at the West Marsh Road Depot has been maintained by the three Authorities in the South of the County i.e., Spalding Urban, East Elloe Rural and Spalding Rural District Councils. The cost of the upkeep to each Authority is negligible but the maintenance of the plant is a safe guard against the spread of serious infectious diseases or parasitic infestations by vehicles such as clothing, bedding and furniture.

Civic Amenities Act 1967

During the year 6 abandoned cars have been removed from sites within the District, five were removed by the Council and one by the owner of the vehicle. Whilst the nuisance caused by abandoned cars in this area is a recurring one, no great difficulties have been encountered in their removal and subsequent disposal.

Rodent Control

Mr. R. Short, the Council's Rodent Control Operator has carried out the work during the year with efficiency. The increasing number of calls received for his assistance and the complete absence of complaints from the occupiers of private and business premises, which he deals with, confirms his suitability for the position.

PREVENTION OF DAMAGE BY PESTS ACT 1949
Report for 12 months ended 31st December, 1972

	Type of Property			
	Local Author- ity	Non Agricul- tural (including Council Houses)	Agricul- tural	Total
Total No. of properties in the District	74	8156	1899	10,129
No. of properties inspected				
(a) Following notification	2	696	243	941
(b) Otherwise	44	-	-	44
No. of Revisits	123	2212	76	411
No. of Properties found to be infested by:-				
(a) Rats	12	109	30	151
(b) Mice	1	25	4	30
No. of infested properties treated	13	134	34	181
No. of notices served under Section 4 of the Act				
(a) Requiring treatment	-	-	-	-
(b) Requiring structural works	-	-	-	-
No. of cases in which work was carried out in default	-	-	-	-
Legal Proceedings	-	-	-	-

THE OFFICE OF THE ATTORNEY GENERAL
 REPORT FOR THE YEAR 1900

Total No. of properties in the District				
No. of properties inspected				
(a) Following notification				
(b) Otherwise				
No. of notices served				
No. of properties found to be infected with				
(a) rats				
(b) mice				
No. of infected properties treated				
No. of notices served under Section 4 of the Act				
(a) Regulating treatment				
(b) Regulating structures				
No. of cases in which work was carried out in default				
Legal Proceedings				
Total				
1900				
1901				

HOUSING

NUISANCES

87 cases of inadequate water supplies, housing defects, drainage and refuse nuisances were investigated during the year and 23 notices served as necessary.

No formal notices were served.

SLUM CLEARANCE - HOUSING ACTS 1957-69

During the year 13 houses were reported to the Council and the following statutory procedure was taken:-

13 Notices of "Time and Place" were served.

12 Demolition Orders made.

5 Closing Orders made.

Houses demolished following statutory procedure by Council

In Clearance Areas	NIL
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Not in Clearance Areas	31
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During the year 2 houses were demolished by their owners without statutory action by the Council.

This branch of the Public Health Department's work has again been limited to individual housing action resulting in Demolition or Closing Orders. The re-housing of families from houses condemned in this way presents quite a problem in some parishes, particularly those with a substantial waiting list for Council Houses, but if the procedure under the Housing Acts is not to be brought into disrepute it is essential that re-housing be effected as speedily as possible, subject, of course, to the exigencies of the area concerned.

HOUSING

NUISANCES

Of cases of inadequate water supply, drainage and refuse nuisances were investigated during the year and 13 notices served as necessary.

No formal notices were served.

SLUM CLEARANCE - HOUSING ACTS 1957-59

During the year 13 houses were reported to the Council and the following statutory procedure was taken:-

- 1) Notices of "Slum and Place" were served.
- 2) Demolition Orders made.
- 3) Closing Orders made.

Houses demolished following statutory procedure by Council.

In Clearance Areas
Not in Clearance Areas

During the year 2 houses were demolished by their owners without statutory action by the Council.

This branch of the Public Health Department's work has again been limited to individual housing action resulting in demolition of housing. The re-housing of families from houses condemned in this way presents quite a problem in some instances, particularly those with substantial waiting lists for Council houses, but it is the province of the Housing Act to be brought into operation it is essential that re-housing be effected as speedily as possible, subject, of course, to the exigencies of the area concerned.

Properties dealt with under the Provisions of the Housing Acts 1957-69

Year	Demolition Orders served	Closing Orders served	Closing Orders revoked and Demolition Orders served	Houses Demolished following L.A. action	Houses Demolished without L.A. action
1963	28	8	-	16	14
1964	7	3	-	30	10
1965	20	2	-	18	4
1966	29	7	-	15	4
1967	20	9	2	17	10
1968	11	15	2	18	12
1969	27	14	2	23	3
1970	30	16	9	38	10
1971	27	9	3	37	17
1972	12	5	7	31	2

Housing Act 1969 - Standard Grants

Details of grant approvals as supplied by the Council's Architect and Building Surveyor.

Discretionary Improvement Grants

Applications received for Improvement Grants	6
Houses inspected in full detail	6
Improvement Grants approved	6

Standard Grants

Applications received for Standard Grants	12
Standard Grants approved	10
Standard Grants refused	2

Year	Immersion Orders served	Closing Orders served	Closing Orders served and Immersion Orders	Orders served L.A. action	Orders served L.A. action
1953	28	8	-	15	15
1954	7	3	-	20	10
1955	20	2	-	18	5
1956	29	7	-	12	5
1957	20	9	1	12	10
1958	11	12	2	10	12
1959	27	14	2	27	3
1960	30	16	9	20	10
1961	27	9	1	12	12
1962	12	2	1	7	12

Housing Act 1959 - Standard Grants

Details of grant approvals as applied by the Council's Housing
and Building Surveyor.

Interim Grants

Applications received for Interim Grants
Houses included in full details
Interim Grants approved

Standard Grants

Applications received for Standard Grants
Standard Grants approved
Standard Grants refused

Overcrowding

There were no cases of overcrowding reported during the year.

New Houses

Work on 8 Council bungalows was started during the year, these are sited at Weston.

133 dwellings were erected by private developers and a further 183 are in the course of construction.

FACTORIES ACT 1961

As in previous years administration of those parts of the Act that are the responsibility of this Authority has raised no serious problems. No new industry has been started in the District and with one or two exceptions the premises are small family businesses.

There are no outworkers in the District.

PART 1 OF THE ACT

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

Premises (1)	Number of			
	Register (2)	Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities ...	NIL	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Authority ...	72	23	1	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises) ...	13	3	-	-

There were no cases of overlooking reported during the year.

W. Housers

Work on 5 Council buildings was started during the year, these are at Weston.

13 dwellings were erected by private developers and a further 16 in the course of construction.

WATERWORKS ACT 1901

As in previous years administration of these parts of the Act has been the responsibility of this Authority and no other authority. New industry has been started in the district and with one or two exceptions the premises are small family businesses.

There are no outworkers in the district.

PART I OF THE ACT

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

Premises (1)	Regulation (2)	Inspection (3)	Number of	
			Regulation (4)	Inspection (5)
Factories in which Sections 1, 2, 3, 4 and 5 are to be enforced by Local Authorities ...	Nil	-	-	-
Factories not included in (1) in which Section 7 is enforced by the Authority ...	75	13	1	-
Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises) ...	1	1	-	-

Cases in which defects were found

Particulars (1)	Number of cases in which defects				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred:		
			To. H.M. Inspector (4)	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 ...	-	-	-	-	-
(b) Unsuitable or defective ...	1	1	-	-	-
(c) Not separate for sexes ...	-	-	-	-	-
Other offences against the Act (not including offences relating to Out-Workers) ...	-	-	-	-	-
Total	1	1	-	-	-

Offices, Shops & Railway Premises Act 1963

Inspections of premises under the provisions of the above Act have proceeded satisfactorily during the year. There are no large shops, office establishments or railway stations within the area. Contraventions of the provisions of the Act have been of a minor character. In all such cases informal notices have been served on the occupiers and there has been no difficulty in securing compliance with the requirements.

There have been no reports either formal or informal of accidents occurring during the year in offices or shops.

Citizen, Stop a Violent Incident (1911)

Investigation of evidence under the provisions of the act and the
proceedings satisfactorily during the year. There are no large shops, office
establishments or railway stations within the area. Investigations of the
provisions of the act have been of a most thorough nature. In all cases
internal notices have been served on the occupiers and where there has been an
difficulty in securing compliance with the regulations.

There have been no reports either from the internal or external
occurrences during the year in offices or shops.

OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963

Class of Premises	Premises Registered During Year	Total Registered	General Inspection	Persons Employed		Exemptions	Prosecutions
				Male	Female		
Offices	3	28	22	69	36	-	-
Retail Shops	2	56	44	46	89	-	-
Wholesale Warehouses	3	5	4	4	3	-	-
Catering Establishments Canteens	NIL	6	4	6	17	-	-
Fuel Storage Depots	NIL	NIL	-	-	-	-	-
TOTALS	8	95	74	125	145	-	-

Number of visits of all kinds to registered premises 127
 Number of inspectors appointed under Section 52 (1) or 5 of the Act 3

