

**[Report 1944] / Medical Officer of Health, Spalding R.D.C.**

**Contributors**

Spalding (England). Rural District Council.

**Publication/Creation**

1944

**Persistent URL**

<https://wellcomecollection.org/works/baugagv3>

**License and attribution**

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

LIBRARY

HEALTH  
A. 16 JAN 1946  
C.R. 25

HEALTH  
LIBRARY

*Spalding*  
*Rural District Council*



REPORT  
of the  
Medical Officer of Health  
for the  
Year 1944



"Free Press" Co., Ltd., Spalding.

Journal of the  
Royal Society of Medicine

REPORT

of the  
Medical Officers of Health  
for the  
Year 1911

LONDON: H. K. Lewis, Ltd., 1912.



# SPALDING RURAL DISTRICT COUNCIL

---

Chairman : Mr. R. M. FLETCHER.

Vice-Chairman : Mr. A. C. CASSWELL, J.P.

---

## Members of Council :

Mr. I. Hodson,  
Mr. F. Earl,  
Mr. B. Thorpe,  
Mr. J. Waterfall,  
Mr. R. M. Fletcher,  
Mr. W. Dring,  
Mr. C. Ostler,  
Mr. F. Parkinson,  
Mr. W. Coward,  
Mr. T. W. Leverton,  
Mr. A. Moon,  
Mr. A. E. Chappell, J.P.  
Mr. W. F. Clayton,  
Mr. T. F. Richardson,  
Mr. A. Rhodes,  
Mr. F. Richardson,  
Mr. H. E. Clarke,  
Mr. T. Clark,  
Mr. A. Cope,  
Mr. A. C. Casswell, J.P.,  
Mr. W. F. Mews,  
Mr. W. D. Cook,  
Mr. E. J. Slator, J.P.,  
Mr. J. G. Litherland,  
Mr. W. A. Fovargue,  
Dr. F. Husband-Clutton, J.P.,  
Mr. M. R. Riddington.

---

## Medical Officer of Health :

I. M. CULLUM, M.D., B.S. (Lond.), D.P.H., D.C.H.

---

## Sanitary Inspector and Meat Inspector :

F. LUKER, M.S.I.A., R.S.I., Insp. Meat & other Foods.

Spalding Rural District Council,  
Council Offices,  
7, The Crescent,  
Spalding.

**Annual Report of the Medical Officer of Health for the year  
1944.**

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

Gentlemen,—

I present herewith my report for the year 1944.

Comments on the statistics will be found in the body of the report. Generally speaking, the health of the district has been surprisingly good during the fifth year of the second world war.

The chief problem confronting the Council at the present time is housing, in which direction little or no improvement was possible during the year.

I wish to express my thanks to the other officials and the members of the Council for their courtesy and assistance at all times.

I have the honour to be, Gentlemen,

Your obedient servant,

I. M. CULLUM,



## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

The area of the District is 87,758 acres.

The resident population is 17,780.

The average population figure given by the Registrar General for the calculation of death rates is 17,430.

The number of inhabited houses according to the Rate Books is distributed as follows :

Cowbit	...	...	...	...	...	151
Moulton	...	...	...	...	...	707
Weston	...	...	...	...	...	335
Pinchbeck	...	...	...	...	...	984
Deeping St. Nicholas	...	...	...	...	...	443
Surfleet	...	...	...	...	...	301
Gosberton	...	...	...	...	...	636
Quadring	...	...	...	...	...	277
Donington	...	...	...	...	...	520
Crowland	...	...	...	...	...	802

The Rateable Value is £44,191 and the sum represented by a penny rate is £184 2s. 7d.

### EXTRACTS FROM VITAL STATISTICS.

	M.	F.
Live Births (Legitimate) ...	170	157
(Illegitimate) ...	15	12
Total Live Births	185	169

The Birth Rate per 1,000 estimated population is 20.31.

	M.	F.
Still Births (Legitimate) ...	7	4
(Illegitimate) ...	1	-
Total Still Births	8	4

The rate of still births per 1,000 total (live and still) births 32.79.

Deaths—Total during 1944—166 (Males 84, Females 82).

Death rate per 1,000 estimated population 9.52.

The above figure has been corrected for transfers in and out of the district but has not been adjusted to make allowance for the age and sex composition of the population.

#### MATERNAL MORTALITY.

Deaths from Puerperal Causes :

Puerperal Sepsis	...	...	...	...	Nil
Other Puerperal causes	...	...	...	...	Nil

#### INFANTILE MORTALITY.

Deaths of infants under 1 year of age :

				M.	F.
Legitimate	...	...	...	3	3
Illegitimate	...	...	...	4	3
				—	—
			Total	7	6
				—	—

Death rates of infants under 1 year of age :

All infants per 1,000 live births ... .. 36.72

Legitimate infants per 1,000 legitimate live births 18.34

Illegitimate infants per 1000 illegitimate live births 259.26

Deaths from Cancer all ages ... 24 (Males 11, Females 13)

Deaths from Measles (all ages) Nil

Deaths from Whooping Cough (all ages) Nil.

Deaths from Diarrhoea (under 2 years) Nil.

#### COMMENTS ON THE VITAL STATISTICS.

The birth rate shows a considerable increase on the rate of 17.58 for 1943, while the death rate has fallen from 11.22 in 1943 to 9.52 in the year under review.

There is a satisfactory decrease in the Infantile Mortality Rate.



## CAUSES OF DEATH IN THE SPALDING RURAL DISTRICT DURING 1944.

Cause of Death	M.	F.	Total
All causes ... ..	84	82	166
1 Typhoid and Paratyphoid ... ..	—	—	—
2 Cerebro-spinal Fever ... ..	1	—	1
3 Scarlet Fever ... ..	...	...	—
4 Whooping Cough ... ..	—	—	—
5 Diphtheria ... ..	—	—	—
6 Tuberculosis of Respiratory System ... ..	—	4	4
7 Other forms of Tuberculosis ... ..	2	1	3
8 Syphilitic diseases ... ..	—	—	—
9 Influenza ... ..	—	1	1
10 Measles ... ..	—	—	—
11 Acute Polio-myelitis and Polio-encephalitis	—	—	—
12 Acute Infectious Encephalitis ... ..	—	1	1
13 Cancer of Buccal Cavity and Oesophagus (M) uterus (F)	—	—	—
14 Cancer of Stomach and Duodenum ... ..	3	3	6
15 Cancer of Breast ... ..	—	2	2
16 Cancer of all other sites ... ..	8	8	16
17 Diabetes ... ..	1	1	2
18 Intra-cranial Vascular Lesions ... ..	9	9	18
19 Heart Disease ... ..	20	15	35
20 Other Diseases of Circulatory System ... ..	5	1	6
21 Bronchitis ... ..	4	5	9
22 Pneumonia ... ..	2	1	3
23 Other Respiratory Diseases ... ..	3	1	4
24 Ulcer of Stomach or Duodenum ... ..	—	—	—
25 Diarrhœa (under 2 years) ... ..	—	—	—
26 Appendicitis ... ..	—	1	1
27 Other Digestive Diseases ... ..	1	2	3
28 Nephritis ... ..	2	2	4
29 Puerperal and Post-abortion. Sepsis ... ..	—	—	—
30 Other Maternal Causes ... ..	—	—	—
31 Premature Birth ... ..	3	2	5
32 Congenital Malformations, etc. ... ..	2	2	4
33 Suicide ... ..	2	1	3
34 Road Traffic Accidents ... ..	2	—	2
35 Other Violent Causes ... ..	3	—	3
36 All other causes ... ..	11	19	30



## **HOUSING.**

There has been no change in the housing conditions of the district during the year.

Under the terms of the Hobhouse Report on Rural Housing the Holland Rural Housing Advisory Committee was formed. Preliminary steps were taken for the preparation of a housing survey, which is the main function of this committee. Such a survey has never been undertaken in this district before and will provide an accurate basis for future housing programmes.

## **SANITARY CIRCUMSTANCES OF THE AREA.**

### **Water Supply.**

A piped water supply is available in every parish, and proposals for extensions and improvements have been under consideration. Analyses of the water from each of the bores in the district have been satisfactory.

It is hoped to take advantage of the provisions of the Rural Water Supplies and Sewerage Act, 1944, to extend the services to outlying properties.

### **Drainage, Sewerage and Refuse Disposal.**

There has been no change in the services provided during the year.

## **EVACUATION.**

The number of evacuees in the district has increased during the year. In January the total number of evacuees was 148 and at the 31st December the total number was 230.

## **MILK AND DAIRIES.**

### **Milk Sampling.**

During the year 42 samples of pasteurised milk have been submitted to the Public Health Laboratory at Lincoln for routine test. All the samples were from the two pasteurising establishments in the district and individual results were as follow :

#### **Dairy A.**

Out of 22 samples taken only one failed to pass the prescribed test. The milk in question was accommodation milk coming into the district from Norfolk. The results were communicated to the wholesale dairy concerned and some improvement was effected.

#### **Dairy B.**

Out of 22 samples taken 7 failed to pass the prescribed test and several were of a very poor bacteriological standard.

This establishment has been constantly under review.



## MEAT AND FOOD INSPECTION.

During the year all animals slaughtered for food at the Central Slaughterhouse have been given routine inspections and animals showing any evidence of disease have been subjected to a detailed examination. During the year 1,992 cattle 606 sheep, 696 pigs and 117 calves were slaughtered and inspected.

The total weight of meat and offals condemned as unfit for human food during the year was approximately 17 tons 19 cwts. and this has been disposed of for other purposes under the Ministry of Food Waste Utilisation Scheme. Among the meat and offals condemned were :

<u>Article Inspected.</u>	<u>Disease or Condition Found.</u>
221 part Beasts' Livers ...	Distomatosis (Liver Flukes).
100 Beasts' Livers ... ..	Distomatosis (Liver Flukes).
29 Beasts' Livers ... ..	Cavernous Angioma.
78 Beasts' Livers ... ..	Septic Abscesses.
60 Beasts' Livers ... ..	Tuberculosis.
208 Beasts' Lungs ... ..	Tuberculosis.
3 Beasts' Lungs ... ..	Echinococcus Cysts.
71 Beasts' Heads & Tongues	Tuberculosis.
19 Beasts' Heads & Tongues	Actinomycosis.
83 Beasts' Udders ... ..	Mastitis.
11 Beasts' Kidneys ... ..	Tuberculosis.
2 Beasts' Kidneys ... ..	Septic Abscesses.
3 Beasts' Kidneys ... ..	Nephritis.
11 Beasts' Spleens ... ..	Tuberculosis.
40 Beasts' Tripes ... ..	Putrefying.
10 Beasts' Stomachs and Intestines	Tuberculosis.
3,293 lbs. Beef ... ..	Bruised.
18 lbs. of Hindquarter Beef	Actinomycosis.
6 Beasts' Livers ... ..	Cirrhosis.
3 Beasts' Lungs ... ..	Pulmonary Distoma.
4 Beasts' Hearts ... ..	Tuberculosis.
13 Beasts' Thick Skirts and Trimmings	Tuberculosis.
14 Forequarters of Beef ...	Tuberculosis.
1 Hindquarter of Beef ...	Tuberculosis.
1 Beast's Liver ... ..	Echinococcus Cysts.
1 Beast's Liver ... ..	Fatty Infiltration.
1 Beast's Lung ... ..	Septic Pleurisy.
1 Beast's Kidney and Fat	Hydro-nephrosis.
Part Hindquarter of Beef (41 lbs.)	Peritonitis.
1 Beast's Heart ... ..	Pericarditis.
8 Sheep Paunches ... ..	Putrefaction.
3 Sheep Livers and Lungs	Echinococcus Cysts.
1 Leg of Lamb ... ..	Bruised.



58	Pigs' Lungs	...	...	Pneumonia.
3	Pigs' Livers	...	...	Echinococcus Cysts.
2	Pigs' Plucks	...	...	Tuberculosis.
9	Pigs' Plucks and Mesenteric			
			Fat	Putrefaction.
1,116 lbs.	Frozen Pork	...	...	Putrefaction.
2	Pigs' Hearts	...	...	Pericarditis.
61	Pigs' Intestines and			
			Stomachs	Inflammation.
10	Pigs' Kidneys	...	...	Nephritis and Cystic.
1	Pig's Head	...	...	Tuberculosis.
10 lbs.	Pigs' Feet and Hocks			Enlarged joints, flesh fibrous.
8	Pigs' Livers	...	...	Cirrhosis.
4	Pigs' Plucks	...	...	Inflammation.
Part	Forequarter of Pig	...	...	Septic Pleurisy.
137 lbs.	of Pork Trimmings			Bruised.
74	Pigs and all Offals	...	...	Evidence of Swine Fever.
3	Porker Pigs and Offals			Dropsical and Unwholesome Carcasses.
8	Pigs and Offals	...	...	Generalised Tuberculosis.
1	Small Store Pig	...	...	Immature and Emaciated.
2	Carcases of Beef and			
			Offals	Tuberculous Emaciation.
4	Cow Carcasses and Offals			Unwholesome Carcasses.
1	Small Store Pig and			
			Offals	Septic Lesions at site of castration.
2	Carcases of Beef and			
			Offals	Generalised Dropsy, Johnes Disease.
1	Small Store Pig	...	...	Extensive and Severe Bruising.
3	Porker Pigs and Offals			Swine Erysipelas.
1	Calf Carcase and Offals			Septic Nephritis, Dropsical.
3	Small Store Pigs and			
			Offals	Dropsical Carcasses, Septic Lesions at site of castration.
2	Calf Carcasses and Offals			Immaturity.
1	Carcase of Beef and			
			Offals	Septic Peritonitis and widespread Tuberculous Infection.
13	Carcases of Beef and			
			Offals	Generalised Tuberculosis.
527 lbs.	part Carcase of Beef			Tuberculosis.
	Carcase of Beef and Offals			Multiple Malignant Growths throughout the Carcase.
1	Calf Carcase and Offals			Congenital Tuberculosis.

Other foodstuffs condemned were :

	<u>Article Inspected.</u>			<u>Disease or Condition Found.</u>
6	tins of Pilchards	...	...	Blown and damaged tins.
28	lbs. of Bacon	...	...	Decomposition, Meat badly tainted and unwholesome.
6	cwts. of Flour	...	...	Damaged by Fire.



By means of central slaughtering it has again been possible to carry out a 100% inspection which would not have been possible with the present staff if the slaughtering had been spread over the numerous private slaughterhouses in the district. The diseased meat condemned gives ample proof of the need for regular and efficient meat inspection.

Certain cases of Tuberculosis in calves and other bovine animals were reported to the Divisional Inspector of the Ministry of Agriculture and Fisheries.

### **FOOD PREPARING PREMISES.**

It has not been possible to make inspections of all these premises, such as bakeries, food shops, etc., and inspections have been restricted to premises where the Sanitary Inspector had reason to believe conditions were unsatisfactory. In view of the labour shortage and other difficulties, conditions have been found reasonably satisfactory but it has not been practicable to enforce the requirements of the Food and Drugs Act, 1938, appertaining to these premises.

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

During the year the number of cases of infectious disease has been generally small.

#### **Diphtheria Immunisation.**

From the 1st January to the 31st December, 1944, 224 children under 5 years of age and 67 children between 5 and 15 years of age were immunised.

At the 31st December, 1944, the estimated percentage of the child population immunised against Diphtheria was :

Under 5 years of age ... ..	41%
Between 5 and 15 years of age ...	73%

These figures show an increase over those for 1943.



### Number of Cases of Infectious Disease.

Excluding cases of Tuberculosis, 101 cases of infectious disease were notified during the year.

The numbers are shown in the following table :

Disease.	Cases notified.
Scarlet Fever ... ..	51
Diphtheria ... ..	1
Whooping Cough ... ..	36
Measles ... ..	—
Erysipelas ... ..	4
Pneumonia ... ..	6
Cerebro-spinal Fever ... ..	1
Polio-myelitis ... ..	—
Encephalitis ... ..	—
Polio-encephalitis ... ..	—
Dysentery ... ..	—
Ophthalmia Neonatorum ... ..	1
Puerperal Pyrexia ... ..	1
Enteric or Typhoid Fever ... ..	—
	—
Total	101
	—

### Scabies.

The joint scheme begun in 1943 was continued during 1944.

56 persons were treated from Spalding Rural District, making 151 attendances in all.

## Analysis of Cases of Infectious Diseases under Age Groups.

	Scarlet Fever	Diphtheria	Puerperal Pyrexia.	Pneumonia	Ophthalmia Neonatorum.	Cerebro Spinal Fever.	Measles.	Whooping Cough.	Erysipelas.
Under 1 year ...	1				1			7	
1 to 2 ...	2							4	
2 to 3 ...	2					1		5	
3 to 4 ...	5							2	
4 to 5 ...	1							2	
5 to 10 ...	23							16	
10 to 15 ...	9								
15 to 20 ...	4		1						
20 to 35 ...	3			1					
35 to 45 ...				1					1
45 to 65 ...	1			1					2
65 and over ...				2					1
<b>Totals ...</b>	<b>51</b>		<b>1</b>	<b>5</b>	<b>1</b>	<b>1</b>		<b>36</b>	<b>4</b>



## TUBERCULOSIS.

### Analysis of New Cases and Deaths from Tuberculosis.

Age Periods.	NEW CASES.				DEATHS.			
	Respira- tory.		Non-Respira- tory.		Respira- tory.		Non-Respira- tory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 5	...	1	..	..	..	..	..	..
5 to 10	...	..	..	2	..	..	..	..
10 to 15	1	..	1	1	1	..	..	..
15 to 20	2	1	..	..	..	..	..	..
20 to 25	...	2	..	1	..	2	..	..
25 to 35	...	1	..	..	..	1	..	..
35 to 45	...	3	..	1	..	1	1	1
45 to 55	...	..	1	..	1	..	..	..
55 to 65	...	..	..	..	..	..	1	..
Over 65	...	..	..	..	..	..	..	..
<b>Totals</b> ...	3	8	2	5	2	4	2	1

			M.	F.	Total
Cases of Tuberculosis on the Register December 31, 1944 ...	}	Pulmonary ...	21	18	39
		Non-pulmonary ...	12	15	27
Cases of Tuberculosis removed from Register as cured during 1944 ...	}	Pulmonary ...	1	—	1
		Non-pulmonary ...	4	3	7
Cases removed from Register, diagnosis not confirmed during 1944 ...	}	Pulmonary ...	1	—	1
		Non-pulmonary ...	—	—	—
Cases removed from the district	}	Pulmonary ...	1	—	1
		Non-pulmonary ...	3	—	3





