### [Report 1944] / Medical Officer of Health, Spalding U.D.C.

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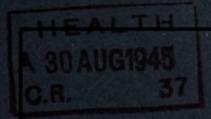
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Spalding
Urban District Council

# REPORT

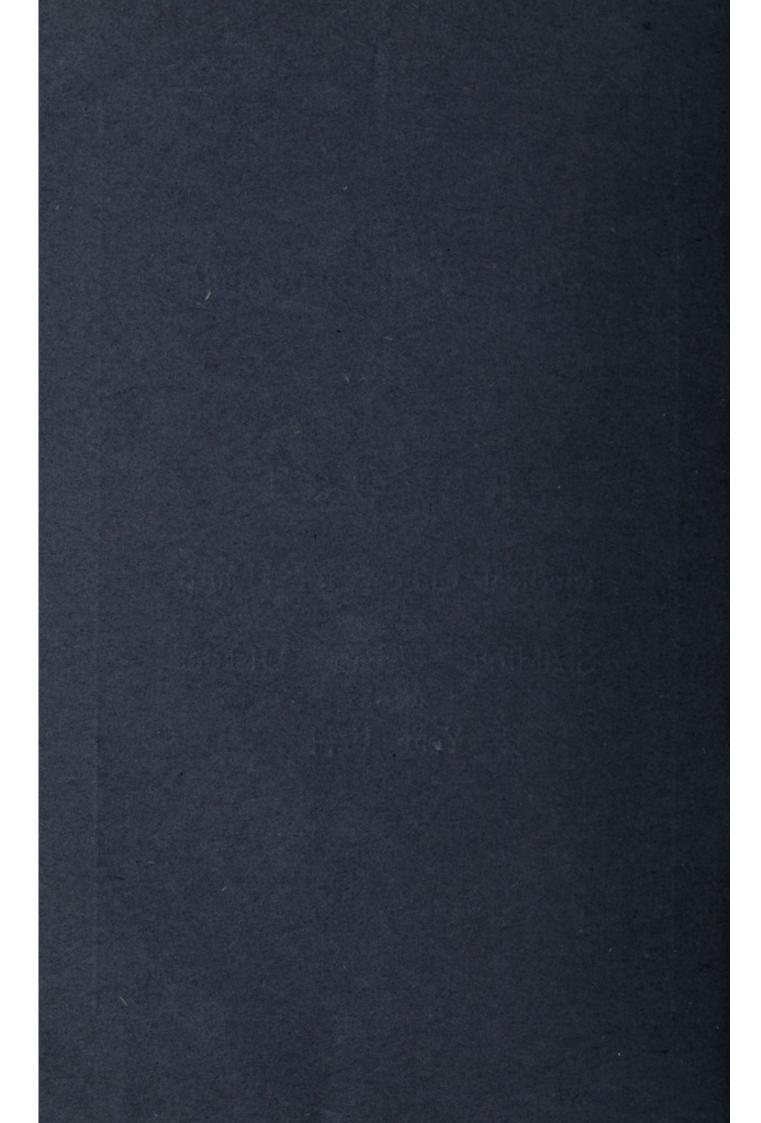
of the

Medical Officer of Health
to the

Spalding Urban District
for the

Year 1944

" Free Press " Co., Ltd., Spaiding.



TEL. NO. 2146.

15, HIGH STREET, SPALDING.

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# Public Health Officers

# Spalding Urban District Council

Medical Officer of Health:

J. R. MUNRO, M.D.

Public Health Officer:

L. A. GORNALL, F.I.A.S.S., M.R.S.I.

Meat Inspector:
F. LUKER, M.S.I.A.

## REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1944

To the Chairman and Councillors o	f the Spa	alding Urban D	istrict					
Council.								
I beg to hand you my Report for 1944.								
Area (in acres)		7,825						
Resident Population 13,140								
Number of Inhabited Houses								
		£70,117						
Sum represented by a Penny	Rate	£278 6s. 4d.						
VITAL STAT	ISTICS.							
Live Births	35.70	211						
Logitimate	Males.	Females.	Total.					
Legitimate	9	16	250 25					
Illegitimate								
Total	146	129	275					
Still Births.			-					
Legitimate	5	2	7					
Illegitimate	1	_	1					
1110g/timate		-						
Total	6	2	8					
Birth Rate per 1,000 B	Estimated	Population	20.9					
Still Birth Rate per 1,00		1000	0.6					
•	Males.	The state of the s	Total.					
Deaths from all causes	80	87	167					
Death Rate per 1,00	00 Estima	ted Population	12.7					
Deaths of Infants under One Year of	Age.							
	Males.	Females.	Total.					
Legitimate	5	5	10					
Illegitimate	0	3	3					
Total	5	8	13					
	-	-	-					
Death Rate per 1,000 Live	Births	48.						

# GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

- 1. Medical Officer of Health (part time), J. R. Munro, M.D.
- 2. Public Health Officer (whole time),

L. A. Gornall, F.I.A.S., M.R.S.I.

3. Meat Inspector, F. Luker, M.S.I.A.

Staff. Mr. F. Tero, Assistant Sanitary Inspector, is still in the Royal Army Medical Corps (Field Sanitary Section), with the Central Mediterranean Forces.

Closet Accommodation. During the year, seven vault closets have been converted to the water carriage system; and also the following drainage work carried out:

Public Cleansing. The collection of house refuse is carried out on modern lines by mechanical low loading vehicles, and disposal is by means of Front Feed Refuse Destructor.

The salvage of materials required by industry for the war effort is carried out energetically, and the sale of this salvaged material realised £1,298 for the year.

Eradication of Bed Bugs. During the year, six cases of infestation have been treated with "Zaldecide," with satisfactory results.

### HOUSING STATISTICS.

- 1. Inspection of Houses during the year.
  - (a) Total number of dwelling houses inspected for defects (under Public Health or Housing Acts)
     62
    - (b) Number of inspections made for the purpose ... 109
  - - (b) Number of inspections made for this purpose ... 10

6

- 3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ... ... ... ... none

2.		medy of Defects during the Year without Service of
		Number of dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers 20
3.	Act	tion under Statutory Powers during the Year.
	A.	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.
	1.	Number of dwellinghouses in respect of which notices were served requiring repairs none
	2.	Number of houses which were rendered fit after service of such notices:
		(a) by Owners none
		(b) by Local Authority in default of Owners none
	В.	Proceedings under Public Health Acts.
	1.	Number of dwellinghouses in respect of which notice has been served requiring defects to be remedied 1
	2.	Number of dwellinghouses in which defects were remedied after service of formal notice:  (a) by Owners 1
		(b) by Local Authority in default of Owners none
	C.	Proceedings under Sections 11 and 13 of the Housing Act, 1936.
	1.	Number of dwellinghouses in respect of which Demolition Orders were made none
	2.	Number of dwellinghouses demolished in pursuance of Demolition Orders none
	D.	Proceedings under Section 12 of the Housing Act, 1936.
	1.	Number of separate tenements or underground rooms in respect of which closing orders were made none
	2.	Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit none

### Housing Act, 1936, Part IV. (Overcrowding).

Nothing being possible with regard to the provision of houses for the abatement of overcrowding, the few remaining cases are of necessity still unabated.

Number of houses overcrowded at end of year	4
Number of families dwelling therein	4
Number of persons dwelling therein	39
Number of cases of overcrowding reported during the	
year	none
Number of cases of overcrowding relieved during the	
year	none
Number of persons concerned in such cases	none
Dwellinghouses which have again become overcrowded	
after the Local Authority have taken steps for the	
abatement of overcrowding	none

Section E.

### (a) Milk Supply.

Inspection of Cowsheds has been carried out during the year as far as possible; improvements have been carried out at Monks House Farm.

### Inspection of Foodstuffs.

During the year the undermentioned foodstuffs have been examined and condemned as unfit for human consumption:

Canned Beans	 33 tins.	Chopped Ham	 	89 lbs.
Pilchards	 38 tins.	Salmon	 	
Jam	 17 tins.		 	83 lbs.
Syrup	 9 tins.		 	159½ lbs.
Milk	 201 tins.	Bacon		49 <sup>3</sup> lbs.
	 5 tins.	Sausage	 	54 lbs.
	 3 tins.	Plums	 	6 tins.
	 7 Pkts.	Prem	 	5 tins.
Beef Loaf	 15 tins.		 	4lb.
Steak	3 tins.	Sardines	 	1 tin.
Luncheon Meat .	78 lbs.	Biscuits		2 tins.
Peas	 10 tins.		 	1 pkt.
Crayfish	 1 tin.	Meat Paste	 	5 jars.

L. A. GORNALL.

### MEAT INSPECTION, 1944.

For your information I submit herewith details of the meat inspection carried out in the Spalding Urban District during the year 1944. During this period routine inspections have been made of all animals slaughtered at the Central Slaughterhouse, New Bond Street, and detailed examinations have been made of all animals showing any evidence of disease. The following amount of meat and offals, having a total weight of approximately 26 tons 2 cwts. 1 qtr. has been condemned as unfit for human consumption and disposed of for other purposes under the Ministry of Food Waste Utilisation Scheme.

Article Examined.	Disease or Condition Found.
40 lbs. Mutton	Bruising, injuries, etc. Trimmings from Bruised and Damaged Carcases; Broken Legs, etc.
490 lbs. Pork	Ditto. Enlarged Joints surrounding Flesh
346 lbs. Pork	Fibrous and Tough. Trimmings from Carcases affected with 'Diamonds'" (Swine Erysi- pelas).
2 Beasts Lungs 2 Beasts Lungs 1 Beasts Liver 8 Pigs Livers 43 Pigs Lungs 73 lbs. Beef	Pulmonary Distoma. Echinococcus Cysts. Echinococcus Cysts. Cirrhosis. Pneumonia. Two part Carcases of Beef affected
2 Carcases of Beef & Offals	with Actinomycosis.  Johnes Disease—emaciated and
1 Carcase of Beef & Offals	dropsical carcases. Unwholesome Casualty Animal— strong medicinal odour through the flesh.
3 Carcases of Beef & Offals	Toxæmic Carcases due to putre- faction at site of injury.
2 Beasts Livers	Fatty Infiltration. Tuberculosis. Septic Lesions at site of castration
119 lbs. Pork	causing generalised dropsy.  Three part Carcases affected with Septic Lesions, Growths, etc.
24 Pigs Kidneys 8 Carcases of Beef & Offals	Cystic. unwholesome emaciated Carcases due to Tuberculosis infection.
1 Carcase of Beef & Offals 1 Cow Carcase & Offals	Generalised Actinomycosis. Sapræmia—septic infection of the pelvic cavity.
2 Pig Carcases & Offals 8 Beasts Tripes 3 Beasts Kidneys 3 Beasts Udders 10 Pigs Heads 5 Pigs Lungs 1 Carcase of Beef & Offals	Septic Peritonitis. Stale and Putrefying. Cystic. Tuberculosis. Tuberculosis. Tuberculosis. Septic Nephritis causing general-
1 Carcase of Beef & Offals 1 Pig and all Offals 1 Carcase of Beef and Offals 2 Beasts Lungs 3 Pigs and all Offals 11 Beasts Livers 50 Beasts Livers 51 Beasts Livers 51 Beasts Livers 45 Beasts Livers 48 Beasts Livers 49 Beasts Livers 1 Beasts Livers 49 Beasts Livers 1 Beasts Heart & Lungs 2 Beasts Heart & Lungs 56 Beasts Heads & Tongues 143 Beasts Lungs 68 Sets Pigs Intestines 22 Pigs Kidneys 5 Pigs Spleens 15 Beasts Intestines & Mesenteric Fat	tised dropsy. Traumatic Peritonitis. Ricketts with Malnutrition. Multiple Malignant Growths. Actinomycosis. Generalised Dropsy. Cavernous Angioma. Distomatosis (Liver Flukes). Distomatosis (Liver Flukes). Multiple Septic Abscesses. Tuberculosis. Cirrhosis. Mastitis. Pericarditis and Pleurisy. Peritonitis. Tuberculosis. Tuberculosis. Inflammation. Nephritis. Inflammation. Tuberculosis.
21 Beasts Heads & Tongues 5 Carcases of Beef & Offals	Actinomycosis Unwholesome Casualty — casualty animals slaughtered in mori- bund state not disembowelled after slaughter.

Article Examined.	Disease or Condition Found.
78 Pigs and all Offals	Evidence of Swine Fever.  Eleven part Carcases of Beef affected with septic lesions, growths, etc.
17 Carcases of Beef & Offals 16 Pigs and all Offals 1 Sheep Carcase & Offals	Generalised Tuberculosis. Acute Swine Erysipelas. Animal found dead.
969 lbs. Beef	Eight part Carcases of Beef affected with Tuberculosis.
4 Beasts Lungs 1 Beasts Liver 26 Beasts Spleens 3 Calf Carces & Offals	Pneumonia. Bacterial Necrosis. Tuberculosis.
4 Pigs and all Offals	Congenital Tuberculosis. Generalised Tuberculosis. Unwholesome Carcases — casualty animals which died before they
4 Beasts Thick Skirts	could be slaughtered. Septic Abscesses. Tuberculosis. Tuberculosis. Heated Beef—putrefying.
41 lbs. Beef 1 Pig and all Offals 1 Pig Carcase & Offals	Jaundice. Unwholesome Carcases — animal killed in a moribund state.
4 Small Store Pigs & Offals	Fevered Carcases—septic lesions at site of castration.
1 Sheeps Pluck	Parasitic affection (S. Rufescens). Caseous Lymphadenitis. Animal slaughtered in a moribund state — extensive and severe bruising, fractured pelvis and vertebræ, etc.

The total numbers of animals slaughtered and inspected during the year were:

Cattle, 1,109; Calves, 156; Sheep, 2,114; Pigs, 754.

Out of the 1,109 cattle inspected, 17 (1.5%) were found to be affected with Generalised Tuberculosis and 143 (12.9%) were found to be affected with Tuberculosis of the Lungs. Examination of the 754 pigs slaughtered revealed only 4 (0.5%) suffering from Generalised Tuberculosis, and out of the 2,114 sheep only one was found to be affected with a bacterial disease and in this isolated case only the offals were condemned.

The three cases of Congenital Tuberculosis in calves were reported to the Animal Health Division of the Ministry of Agriculture and Fisheries so that their Veterinary Officers could trace the supected dam and in one case this was found to be a cow giving a heavy yield of milk. The cow was slaughtered under the Tuberculosis Order.

I Remain,

Yours obediently,

F. LUKER,

Meat Inspector.

### Water Supply.

The water supply of the area has been satisfactory in quality and in quantity, but the demand reached the limit of supply during January, February and March, 1944. Steps are being taken to increase the supply available.

A quarterly bacteriological examination and chemical analysis has been made—the most recent Report is appended.

There is no liability to plumbo-solvent action.

No form of contamination has ever been discovered, but continuous chlorination is carried out as a precautionary measure.

All the houses in the Urban District Area are supplied with water, except a few isolated houses in the outer area. Steps are being taken to supply these.

Norfolk and Suffolk County Laboratories, Redwell Street, Norwich. October 11, 1944.

# COPY

# CERTIFICATE OF ANALYSIS OF WATER No. 109020 VV.

Mark or Seal. Town's Water ex Hereward Road, 4/10/44,

at 10.15 a.m.

en	Dhwelool	Characters.	100 m.l. Clear iron in solution 0.006
RESULTS	Bacillus Coliform	Absent	100 m.l.
BACTERIOLOGICAL RESULTS		Present	
BACTERIC	Colonies	per ml. on agar at 37° C.	none
	IARDNESS	Permanent	11.15 =7.8°
	IAR	Total	3085 =21.6°
	Oxygen	absorbed from Perman- ganate.	trace
	Nitrites.		nil
	Nitrogen	as Nitrates.	nil
	Chlorides. Nitrates.		2.15
	ONIA	Albuminoid	0.001
	AMMONIA	Free & Saline.	0.007 0.001
	Total	Solids in Solution.	47.6

drinking and all purposes of a public supply. The sample was free from particulate iron oxide, and the This is a pure and wholesome water, quite suitable for iron in solution is negligable. Remarks.

N.B.—The chemical results are stated in parts per 100,000.

TUBERCULOSIS.

Analysis of New Cases and Deaths from Tuberculosis.

	1	NEW	CASE	s.	DEATHS.			
Age Periods.	Resp	Respira- tory.		Non-Respira- tory.		Respira- tory.		espira- y.
	М.	F.	M.	F.	M.	F.	M.	F.
Under 1				0				
" 5	1	1		1		.,		
,, 15	1	1	0	3				2
" 25	1	3	1	.1	1	5		1
,, 35	3	2						
,, 45	1	0		1	0	. 1		
,, 55	1				1			
,, 65		1			0			
			1					
Totals	8	8	0	6	2	1	17.	3

# TABLE OF NOTIFIABLE DISEASES DURING THE YEAR 1944

Disea	se.		· · · · · ·	N	Total otified.	Ca to	ises sent Hospital.	De	otal eaths.
Scarlet Fever					21	1	21		0
Whooping Cough					106		0		1
Diphtheria					9		9		0
Erysipelas					11		3		0
Measles					16		0		0
Ophthalmic Neor	ator	um			2		0		0
Puerperal Pyrexia	a				3		3		0

### DIPHTHERIA PROPHYLAXIS.

During 1944, 410 children have been immunised.

Over 5 and under 1	5	 	 	142
Under 5 years of ag	e	 	 	268

### SCABIES ORDER, 1941.

The treatment of Scabies and Verminous Heads has continued during the year at the two centres at Spalding.

The number of treatments given is shown hereunder:

Cases	from	Spalding Urban Area	 	186
Cases	from	Spalding Rural Area	 	141
Cases	from	East Elloe Rural Area	 	160

Total number of treatments given: 1,421.

I am,

Your Obedient Servant,

J. R. MUNRO.

### CAUSES OF DEATH DURING THE YEAR 1944.

Cause of Death.	Male		Female.
All causes	80		87
Whooping Cough	1		0
Tuberculosis of Respiratory System	2	030000	1
Other Forms of Tuberculosis	0		4
Influenza	0		1
Acute Infant Encephalitis	0		1
Cancer of Mouth œsophagus and			
uteru	700		1
Cancer of Stomach and Duodenum.	. 5		2
Cancer of Breast	0		2
Cancer of other Sites	. 3		1
Diabetes	. 0		1
Intra Cranial Vascular Lesions	. 7		8
Heart Disease	. 17	M. C	11
Other Diseases of Circulatory System	n 1		4
Bronchitis	. 2	1 110	1
Pneumonia	. 3		0
Other Respiratory Diseases	. 0		1
Ulcer of Stomach	. 3		0
Diarrhœa, under 2 years	. 0		1
Appendicitis	. 1		1
Other Digestive Diseases	. 3		3
Nephritis	. 1	Honda	1
Premature Births	. 1	110.110	5
Congenital Deformity	. 2		2
Suicide	. 0		1
Road Traffic Accident	. 0	HA. From	1
Other Violent Causes	. 2	10/2000	0 1
All other causes	. 24		32

