

**[Report 1943] / Medical Officer of Health, Leek U.D.C.**

**Contributors**

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Health Department,  
15, Stockwell Street,  
Leek.

To the Chairman and Members of the Health Committee of the  
Leek Urban District Council.

Gentlemen,

I have the honour to present to you my fourth  
Annual Report, being for the year 1943. In doing so, I  
follow the lines indicated by the Minister of Health in  
Circular 2773.

#### SOCIAL CONDITIONS.

The population is mainly composed of artisans  
employed in the textile industries of the manufacture and  
dyeing of silk and artificial silk.

#### GENERAL STATISTICS.

The area of the Urban District is 4,306 acres  
with an estimated population of 18,120.

The rateable value is £102,599 and a penny  
rate produces £412.

#### EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

##### Live Births -

Legitimate	285	Birth rate per 1,000 of the	
illegitimate	19	estimated resident population	17.05
<u>Still Births</u>	15	Rate per 1,000 total births	49.3
Deaths -	251	Death rate per 1,000 of the	
		estimated resident population	13.8

##### Mean age at death -

Males 66.2 years; Females 67.2 years: Males and Females 67.1 years

##### Deaths from puerperal causes (Headings 29 and 30 of the Registrar General's short list) -

No. 29 Puerperal Sepsis	...	...	...	...	N11
No. 30 Other puerperal causes	...	...	...	...	1
Total	...	...	...	...	1

##### Death rate of infants under one year of age -

All infants per 1,000 live births	...	...	...	39.4
Legitimate infants per 1,000 legitimate live births	...	...	...	42.3
Illegitimate infants per 1,000 illegitimate live births	...	...	...	-

1990



Deaths from Measles (all ages) ... ..	N11
" " Whooping Cough (all ages) ... ..	1
" " Diarrhoea (under 2 years of age)	2

#### PUBLIC HEALTH STAFF.

- X. Medical Officer of Health (Part time) -  
Arthur Collis Hallowes, M.B., B.Ch. B.A.O. (T.C.Dub.) L.M. (Rotunda)
- X. Chief Sanitary Inspector - also Inspector under the Housing Acts,  
Factory and Workshops Act, Shops Acts and Petroleum Act -  
James Rowbotham, Assoc. M.C.T., M.S.I.A.
- X. Sanitary Inspector - G. L. Turner, A.R. San. I., M.S.I.A.  
Clerk - Miss A. M. Longbottom.
- Engineer & Surveyor -  
J. A. Gilchrist, M.Inst. M. & Cy. E., P.A.S.I., A.M.I., Struct. E.
- Sewage Works Manager -  
R. Newman, A.M. Inst. S.F.

#### AMBULANCE FACILITIES.

We have two vehicles used solely for this work. The Rolls Royce Ambulance is used chiefly for the removal of surgical cases, accidents etc., whilst the Austin Ambulance is used for Infectious Disease purposes.

TABLE 1.

Notifiable Diseases during the year.

	Notified	Removed to Leek Isolation Hospital, Bagnall Smallpox Hospital or N. Staffs Infirmary.	Deaths
Scarlet Fever	205	205	100%
Diphtheria	15	15	100%
Pneumonia	2		
Erysipelas	2		
Whooping Cough	50		
Measles	411		
German Measles	2		
Dysentery	6	1	16.6%
Puerperal Pyrexia	2		
Cerebro Spinal Fever	1	1	100%
Continued Fever	1		
Total	<u>697</u>		

X. One half of salaries is contributed by Exchequer grants.





TABLE 11.  
Analysis of Notifiable Diseases.

		Age.											
		0	1	2	3	4	5	10	15	20	35	45	
		1	2	3	4	5	10	15	20	35	45	65	
Scarlet Fever	205		8	12	18	15	99	43	5	2	1	2	
Diphtheria	15	1			1		3	1	4	4	1		
Pneumonia	2	1	1										
Erysipelas	2												2
Whooping Cough	50	5	5	7	6	11	15	1					
Measles	411	19	40	55	53	52	172	5	4	7	3	1	
German Measles	2						2						
Dysentery	6						1	1	1	1	1	1	
Puerperal Pyrexia	2									1	1		
Continued Fever	1												1
Cerebro spinal fever	1									1			
Total	697	26	54	72	78	78	292	51	14	16	7	7	

### TUBERCULOSIS.

There has been an increase in the number of Tuberculosis notified, details of which are given in Tables 3 and 4.

17 cases of Pulmonary and 13 cases of Non-Pulmonary Tuberculosis were notified during the year. 7 cases of Pulmonary Tuberculosis and 1 case of Non-Pulmonary Tuberculosis received Sanatorium treatment.

TABLE 111.

### TUBERCULOSIS.

NEW CASES					MORTALITY.			
Pul.		Non-Pul.			Pul.		Non-Pul.	
M.	F.	M.	F.		M.	F.	M.	F.
1.		1						
5.		2	3					
10.	1	5	1					
15.								
20.	1							
25.	2	4						
35.	4	1			1	1		
45.	1	1			1	1		
55.			1		1	1		
65 up.	2				1	1		
10	7	8	5		4	3		
17		13			7			



TABLE IV.

Notification of Tuberculosis.

Year	Pulmonary	Non-Pulmonary	Total
1935	19	3	22
1936	12	7	19
1937	15	7	22
1938	16	5	21
1939	10	9	19
1940	10	2	12
1941	10	7	17
1942	20	4	24
1943	17	13	30

ISOLATION HOSPITAL.Matron - Miss E. Ulett.

The Isolation Hospital was taken over on October 1st 1938 by the Newcastle and District Joint Hospital Board. Our representation on this Board is three and meetings of the Joint Board were held as occasion demanded during the year.

Patients were dealt with during the year as follows:-

In Hospital on January 1st 1943	...	...	...	...	2
Scarlet Fever	...	...	...	...	1
Diphtheria	...	...	...	...	1
Admitted during 1943	...	...	...	...	222
Scarlet Fever	...	...	...	...	205
Diphtheria	...	...	...	...	15
Cerebro Spinal Fever	...	...	...	...	1
Dysentery	...	...	...	...	1

In submitting my fourth Annual Report, I have the honour to report that in the fifth year of war the health of the population has been good, nutrition has been maintained and there has been no epidemic of disease. The Health Department has carried on satisfactorily. We have been a happy team and all the work has been well done. Once more I wish to thank the Chief Sanitary Inspector and the Staff for their help and co-ordinated service during the year.

A. COLLIS HALLOWES.



## Notification of Tuberculosis.

Year	Primary	Non-Primary	Total
1933	19	3	22
1936	18	7	25
1937	18	7	25
1938	19	2	21
1939	19	0	19
1940	10	0	10
1941	10	7	17
1942	20	4	24
1943	14	10	24

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TABLE VI.  
ANALYSIS OF DEATH RETURNS.

	Sex	All Ages		Sex	All Ages
1. All causes	M	115	20. Other dis. of	M	2
	F	136	circ. system	F	2
2. Cerebro Spinal	M	-	21. Bronchitis	M	2
Fever	F	-		F	6
3. Scarlet Fever	M	-	22. Pneumonia	M	5
	F	-		F	2
4. Whooping Cough	M	1	23. Other resp.	M	1
	F	-	diseases	F	3
5. Diphtheria	M	-	24. Ulcer of stomach	M	2
	F	-	or duodenum	F	-
6. Tuberculosis of	M	6	25. Diarrhoea	M	1
Respiratory	F	2	(under 2 years)	F	1
System			26. Appendicitis	M	-
7. Other Tuberculosis	M	-		F	-
Diseases	F	-	27. Other Digestive	M	3
8. Syphilitic	M	1	diseases	F	1
Diseases	F	-	28. Nephritis	M	2
9. Influenza	M	2		F	7
	F	4	29. Puerperal Sepsis	F	-
10. Measles	M	-	30. Other maternal	F	1
	F	-	causes		
11. Ac. Polio-myel &	M	-	31. Premature birth	M	2
Polio-encephalitis	F	-	32. Congenital	M	2
12. Acute Inf.	M	-	malformations	F	2
Encephalitis	F	-	birth inj.		
13. Cancer of B. cav:			infantile dis.		
Oesoph (M)	M	2	33. Suicide	M	1
Uterus (F)	F	2		F	1
14. Cancer of stomach	M	1	34. Road traffic	M	1
& Duodenum	F	3	accident	F	-
15. Cancer of breast	F	4	35. Other violent	M	-
16. Cancer of all	M	18	causes	F	2
other sites	F	6	36. All other	M	11
17. Diabetes	M	-	causes	F	7
	F	1			
18. Intracranial	M	7			
vascula lesions	F	20			
19. Heart disease	M	42			
	F	59			



TABLE V.  
ANALYSIS OF DEATH RECORDS.

All causes	Sex		All causes	Sex	
	M	F		M	F
1. All causes	156	156	20. Other diseases of circulatory system	2	2
2. Cerebro spinal fever	7	7	21. Typhoid	6	6
3. Scarlet fever	2	2	22. Pneumonia	5	5
4. Whooping cough	1	1	23. Other respiratory diseases	1	2
5. Diphtheria	1	1	24. Ulcer of stomach or duodenum	2	-
6. Tuberculosis of respiratory system	2	2	25. Marasmus (under 2 years)	1	1
7. Other tuberculosis	-	-	26. Appendicitis	-	-
8. Cancer	-	-	27. Other digestive diseases	2	1
9. Syphilis	1	1	28. Nephritis	2	1
10. Influenza	2	1	29. Prostatic Glands	-	-
11. Measles	-	-	30. Other maternal causes	1	1
12. Asiatic cholera	-	-	31. Premature birth	2	2
13. Typhoid	-	-	32. Convulsions	2	2
14. Cancer of L. cav.	2	2	33. Birth injuries	-	-
15. Cancer of stomach & duodenum	1	1	34. Scalds	1	1
16. Cancer of breast	1	1	35. Road traffic accidents	1	-
17. Cancer of all other sites	10	0	36. Other violent causes	-	2
18. Diabetes	1	1	37. All other causes	11	7
19. Intestinal vascular lesions	2	2			
20. Heart disease	42	42			



CHIEF SANITARY INSPECTOR'S REPORT.

To the Chairman and Members of the Leek Urban District Council.

Gentlemen,

I have the honour to submit my tenth Annual Report, for the year 1943. As in previous war years only the essential statistics are recorded herein and consequently the report does not purport to be the result of activities for the year.

It is again pleasing to record that the inspection of home killed meat at the Government Controlled Slaughterhouse has been carried out in a very efficient manner due, in no small measure, to the assistance and co-operation we receive at all times from the Slaughterhouse Manager and his Staff.

Finally, Gentlemen, I should like to express my thanks and appreciation to the Staff of the Department for their co-operation, loyalty and industry during the year under review.

MEAT.

There was only one slaughterhouse in use during the year and 886 visits were made for the purpose of inspection.

The number of carcasses inspected was 7,163 comprising 2,290 Oxen, 1,207 Calves, 3,493 Sheep and 173 Pigs.

282 whole carcasses and the following organs were found to be unsound or diseased and were surrendered and destroyed.

CARCASSES INSPECTED AND CONDEMNED.

	Cattle	Calves	Sheep & Lambs	Pigs
Number killed (if known)	2290	1207	3493	173
Number inspected	2290	1207	3493	173
All diseases except Tuberculosis whole carcass condemned.	105	22	9	-
Carcasses of which some part or organ was condemned.	165	8	174	4
Percentage of the number inspected affected with disease other than Tuberculosis	11.8%	2.5%	5.2%	2.3%
Tuberculosis only whole carcass condemned	144	2	-	-
Carcasses of which some part or organ was condemned.	555	4	-	13
Percentage of the number inspected affected with Tuberculosis.	30.5%	0.5%	-	7.5%

CHIEF SANITARY INSPECTOR'S REPORT.

To the Chairman and Members of the Lack Urban District Council.

Gentlemen,

I have the honor to submit my tenth Annual Report for the year 1907. As in previous years only the statistical statistics are recorded herein and consequently the report does not purport to be the results of activities for the year.

It is again pleasing to record that the inspection of some killed meat at the Government Controlled Slaughterhouse has been carried out in a very efficient manner and, in no small measure, to the assistance and co-operation we receive at all times from the Slaughterhouse Manager and his staff.

Finally, Gentlemen, I should like to express my thanks and appreciation to the staff of the Department for their co-operation, loyalty and industry during the year under review.

MEAT.

There was only one slaughterhouse in use during the year and 508 visits were made for the purpose of inspection.

The number of carcasses inspected was 7,103 comprising 2,200 Oves, 1,200 Calves, 3,400 Sheep and 173 Pigs.

205 whole carcasses and the following organs were found to be diseased or diseased and were condemned and destroyed.

CARCASSES INSPECTED AND CONDEMNED.

	Sheep & Pigs	Calves	Cattle	
Number Killed (11 known)	2403	1207	2299	
Number inspected	2403	1207	2299	
All diseases except Tuberculosis whole carcasses condemned.	2	22	108	
Carcasses of which some part or organ was condemned.	174	8	162	
Percentage of the number inspected affected with disease	2.32	2.32	11.92	
other than Tuberculosis	-	-	144	
Tuberculosis only whole carcasses condemned	-	-	162	
Carcasses of which some part or organ was condemned.	174	8	162	
Percentage of the number inspected affected with Tuberculosis.	-	0.66	7.04	



TABLE SHOWING NUMBER OF CARCASSES  
CONDEMNED WITH CAUSES OF CONDEMNATION.

	<u>CATTLE</u>			<u>SHEEP</u>	
	<u>Whole carcass &amp; all offal</u>	<u>Quarters Hind Fore</u>	<u>Meat</u>	<u>Whole carcass &amp; all offal</u>	<u>Mutton</u>
<u>TUBERCULOSIS</u>	149	6	22		
<u>SEPTIC CONDITIONS</u>	32	-	-		
<u>EMACIATION &amp; OEDEMA</u>	66	-	-	6	
<u>BRUISING</u>	1	5	-	658 lbs.	1 20 lbs.
<u>MORIBUND &amp; ILLELED</u>	1	-	-	-	
<u>DECOMPOSITION</u>	-	-	-	2	
<u>BLACKLEG</u>	-	-	-	-	
<u>INJURY</u>	-	2	-	43 lbs.	-
<u>PERITONITIS</u>	-	2	-	-	
Totals	249	15	22	701 lbs.	9 20 lbs.

	<u>CALVES</u>		<u>PIGS</u>	
<u>TUBERCULOSIS</u>	2		-	
<u>SEPTIC CONDITIONS</u>	7		-	
<u>EMACIATION &amp; OEDEMA</u>	11		-	
<u>BRUISING</u>	-	1	20 lbs.	-
<u>MORIBUND &amp; ILLELED</u>	2		-	
<u>DECOMPOSITION</u>	1		-	42½ lbs.
<u>BLACKLEG</u>	1		-	
<u>INJURY</u>	-		-	
<u>PERITONITIS</u>	-		-	
Totals	24	1	20 lbs.	- 42½ lbs.



TABLE SHOWING NUMBER OF CASES  
COMMON TO CAUSES OF CONTAMINATION.

	CATTLE				SHEEP	
	Whole carcasses & all other	Quarters Hind Feet	Quarters Hind Feet	Whole carcasses & all other	Whole carcasses & all other	Mutton
TUBERCULOSIS	100	0	22			
SEPTIC CONDITIONS	32	-	-			
EMACIATION & OEDEMA	66	-	-	0		
SKULING	1	0	1	1	20 lbs.	
MORIBUND & ILL-BRED	1	-	-	-		
DECOMPOSITION	-	-	-	2		
BLACKED	-	-	-	-		
INJURY	-	2	-	-	42 lbs.	
PERITONITIS	-	2	-	-		
Totals	200	12	22	2	20 lbs.	20 lbs.
	CALVES				PIGS	
	Whole carcasses & all other	Quarters Hind Feet	Quarters Hind Feet	Whole carcasses & all other	Whole carcasses & all other	Mutton
TUBERCULOSIS	2					
SEPTIC CONDITIONS	7					
EMACIATION & OEDEMA	11					
SKULING	-	1		-	20 lbs.	
MORIBUND & ILL-BRED	2			-		
DECOMPOSITION	1			-	42 lbs.	
BLACKED	1			-		
INJURY	-			-		
PERITONITIS	-			-		
Totals	24	1		-	42 lbs.	42 lbs.

TABLE SHOWING NUMBER OF ORGANS CONDEMNED  
WITH CAUSES OF CONDEMNATION.

	<u>CATTLE</u>	<u>CALVES</u>	<u>SHEEP</u>	<u>PIGS</u>
<u>LUNGS:</u>				
Tuberculosis	488	3	-	5
Abscesses	3	1	-	-
Pneumonia	8	-	-	-
Pleurisy	8	-	-	-
Parasites	4	-	-	-
Emphysema	1	-	-	-
Other conditions	-	-	-	1
Total.	<u>512</u>	<u>4</u>	-	<u>6</u>
<u>HEARTS:</u>				
Pericarditis:T.B.	16	-	-	-
Pericarditis	4	-	-	-
Total	<u>20</u>	-	-	-
<u>MESENTERIES:</u>				
Tuberculosis	283	-	-	-
Oedema	1	-	-	-
Total	<u>284</u>	-	-	-
<u>STOMACHS:</u>				
Peritonitis: T.B.	142	-	-	-
Peritonitis	-	-	2	-
Total.	<u>142</u>	-	<u>2</u>	-
<u>SPLEENS:</u>				
Tuberculosis	43	-	-	-
<u>LIVERS:</u>				
	Whole	Part		
Tuberculosis	265	-	-	-
Abscesses	14	2	-	-
Cav. Angioma	29	-	-	-
Distomatosis	119	90	-	-
Fatty Degeneration	10	-	172	-
Necrosis	1	-	-	-
Echinococcus	5	-	-	-
Cirrhosis	-	-	-	2
Total.	<u>443</u>	<u>92</u>	<u>172</u>	<u>2</u>
<u>KIDNEYS:</u>				
Nephritis	2	-	-	-
<u>HEADS &amp; TONGUES:</u>				
Tuberculosis	189	-	-	2
Actinomycosis	11	-	-	-
Total.	<u>200</u>	-	-	<u>2</u>
<u>SKIRTS:</u>				
Peritonitis:T.B.	13	-	-	-

TABLE SHOWING NUMBER OF CASES CONTAINED  
WITH CAUSES OF CONDENSATION

LUNGS:		CATTLE		CALVES		SHEEP		PIGS	
Tuberculosis	488	3	1	2	1	1	1	1	1
Ascarides	3	1	1	1	1	1	1	1	1
Pneumonia	8	1	1	1	1	1	1	1	1
Pleurisy	8	1	1	1	1	1	1	1	1
Peritonitis	4	1	1	1	1	1	1	1	1
Emphysema	1	1	1	1	1	1	1	1	1
Other conditions	-	-	-	-	-	-	-	-	-
Total	502	10	6	10	6	6	6	6	6
HEARTS:		18		-		-		-	
Pericarditis, B.	18	1	1	1	1	1	1	1	1
Pericarditis	1	1	1	1	1	1	1	1	1
Total	19	2	2	2	2	2	2	2	2
LIVER:		283		-		-		-	
Tuberculosis	283	1	1	1	1	1	1	1	1
Other	1	1	1	1	1	1	1	1	1
Total	284	2	2	2	2	2	2	2	2
STOMACH:		142		-		17		-	
Pericarditis, T.B.	142	1	1	1	1	1	1	1	1
Pericarditis	1	1	1	1	1	1	1	1	1
Total	143	2	2	2	2	2	2	2	2
SPLEEN:		53		-		-		-	
Tuberculosis	53	1	1	1	1	1	1	1	1
LIVERS:		288		-		172		-	
Tuberculosis	288	1	1	1	1	1	1	1	1
Ascarides	1	1	1	1	1	1	1	1	1
Cal. Angioma	20	1	1	1	1	1	1	1	1
Distomatosis	119	1	1	1	1	1	1	1	1
Fatty Degeneration	10	1	1	1	1	1	1	1	1
Leucosis	1	1	1	1	1	1	1	1	1
Leishmaniasis	2	1	1	1	1	1	1	1	1
Cirrhosis	1	1	1	1	1	1	1	1	1
Total	343	7	7	7	7	7	7	7	7
KIDNEYS:		2		-		-		-	
Nephritis	2	1	1	1	1	1	1	1	1
HEADS & TONGUES:		189		-		-		-	
Tuberculosis	189	1	1	1	1	1	1	1	1
Actinomyces	1	1	1	1	1	1	1	1	1
Total	190	2	2	2	2	2	2	2	2
SKINS:		13		-		-		-	
Pericarditis, T.B.	13	1	1	1	1	1	1	1	1



MILK & DAIRIES ORDER 1926.

The register under this Order is made up as follows:-

84 persons registered

47 as cowkeepers

70 as retail purveyors

16 as retailers of bottled and sterilized milk

4 as wholesale producers

THE MILK (SPECIAL DESIGNATIONS) ORDER 1936.

Under this Order there are eight persons licensed to sell Accredited Milk; one to sell Tuberculin Tested Milk and one to sell Pasteurised Milk from seven premises.

HOUSE REFUSE REMOVAL.

There are three motor vehicles engaged solely on the collection of house refuse disposed of by tipping.

2,777 loads of ashes and house refuse were removed during the year.

J. ROWBOTHAM.

Chief Sanitary Inspector.

MILK & DAIRY PRODUCTS

The register under this Order is made up as follows:-

64 persons registered

27 as processors

70 as retail purveyors

16 as retailers of bottled and sterilized milk

4 as wholesale processors

THE MILK (LIQUOR) REGULATIONS (1925) - 1925

Under this Order there are eight persons licensed to sell  
sterilized milk one to each registered retailer and one to  
each registered wholesale processor.

HOUSEHOLD MILK

There are three milk vehicles engaged solely on the  
collection of house milk for the purpose of supplying

2,777 loads of milk and house refuse were removed during  
the year.

J. H. HARRISON

Chief Sanitary Inspector