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**Contributors**

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LEEK URBAN DISTRICT COUNCIL

**Annual Report**  
**OF THE**  
**Medical Officer of Health**  
**AND**  
**Sanitary Inspector**  
**FOR THE YEAR**  
**1938**

LEEK :  
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Health Department,  
Town Hall,  
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 thirty-seventh annual report, being for the year 1938. In doing so, I follow the lines indicated by the Minister of Health in Circular 1728.

### 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 19,300.

There have been 24 houses built during the year by private enterprise and the number of inhabited houses at the end of the year is estimated at 5,717.

The rateable value is £99,150 and a penny rate produces £398.

The improvement at Ladderedge as mentioned in my last report is now completed and with the exception of one or two instances yet to be dealt with, all houses have been connected with the new sewer.

A great deal of work has been done during the past year under the Milk and Dairies Order, details of which are given in this report.

No report for the year under review would be complete if mention were not made of the activities concerning A.R.P. During the crisis week of September, the Health Department were called upon to construct at very short notice an example of a gas proof room for exhibition purposes. Two condemned cottages were used for this purpose and the adaptation carried out within a few hours. During the days that followed, thousands of people availed themselves of the opportunity to inspect the chamber and the staff on duty were inundated with questions concerning anti-gas measures.

The year showed a marked decrease in the incidence of Infectious Disease, only 55 cases being notified as against 75 during the previous year.

## EXTRACTS FROM VITAL STATISTICS OF THE YEAR

*Live births—*

	Total	
Legitimate	218	Birth rate per 1,000 of the estimated resident population 12.02.
Illegitimate	14	

*Still births—*

13      Rate per 1,000 total births 33.3.

*Deaths—*

230      Death rate per 1,000 of the estimated resident population 11.91.

*Mean age at death—*

Males 60.4 years ; Females 64.3 years ; Males and Females 62.7 years.

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

No. 29	Puerperal Sepsis	...	...	...	...	Nil
No. 30	Other puerperal causes	...	...	...	...	Nil
Total	...	...	...	...	...	Nil

*Death rate of infants under one year of age—*

All infants per 1,000 live births	...	...	...	25.8
Legitimate infants per 1,000 legitimate live births				18.3
Illegitimate „ per 1,000 illegitimate live births				142.8

<i>Deaths from Measles</i> (all ages)	...	...	...	Nil
„ <i>Whooping Cough</i> (all ages)	...	...	...	Nil
„ <i>Diarrhoea</i> (under 2 years of age)	...	...	...	Nil

## PUBLIC HEALTH STAFF

\**Medical Officer of Health* (Part time)—

J. Mountfort Johnson, M.D., M.R.C.S. (Eng.), L.S.A.  
(London), F.S.M.O.H., F.R.I.P.H.

\**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.

©*Sanitary Inspector*—G. L. Turner, A.R.San.I., M.S.I.A.

*Clerk*—Miss B. Mien.

*Engineer and 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.P.

## NURSING IN THE HOME

- (a) General—The Cruso Nursing Association have two nurses visiting homes.
- (b) Infectious Diseases—No arrangements have been made for providing nurses.

## LABORATORY FACILITIES

We continue to use and appreciate the facilities given by the Staffordshire County Council for bacteriological examination, especially in cases of suspected Diphtheria and Phthisis.

\* One half of the salaries of the Medical Officer of Health and the Sanitary Inspectors is contributed by Exchequer grants.



## HOSPITAL SERVICES

*Memorial Cottage Hospital, Leek.	General	Voluntary.
†The Infirmary, Ashbourne Road, Leek.	General.	Public Assis. Committee.
†Isolation Hospital, Leek	Fever.	Joint Hospital Board.
*Royal North Staffs. Infirmary, Stoke-on-Trent.	General.	Voluntary.
Do.	Puerperal Pyrexia.	Staffs. C.C.
*Cottage Hospital, Longton	Urgent and Necessitous Maternity Cases.	Staffs. C.C.
*County Mental Hospital, Cheddleton.	Mental.	Staffs. C.C.
North Staffs. Joint Small-pox Hospital, Bagnall.	Smallpox.	Joint Hospital Board.
*Orthopaedic Hospital, Longfields, Stoke-on-Trent.	Orthopaedic.	Voluntary.

## CLINICS AND TREATMENT CENTRES

Child Welfare Centre, Leek.	Cripples Clinic Bldgs.,	Staffs. C.C.
Ante-natal Clinic,	do.	Staffs. C.C.
Orthopaedic Clinic,	do.	Cripples Clinic Committee.
Tuberculosis Centre,	do.	Staffs. C.C.
School Clinic, Salisbury St.	Clinic Bldgs.,	Staffs. C.C.
Treatment centre for Venereal Disease,	Royal North Staffs. Infirmary, Stoke-on-Trent.	Staffs. C.C.

\* Facilities for operative surgery and X-ray.

† Facilities for operative surgery.

## 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. These vehicles have proved adequate for all the duties they have been called upon to perform.

## WATER SUPPLY

No new sources of water supply have been acquired but large extensions of mains have been laid, these to include the Cheadle and Ladderedge area. It is also expected to supply Rudyard with water in the near future, and negotiations are now taking place between the Leek Urban and Leek Rural District Councils.

The reservoirs are cleaned out systematically every year, and bacteriological analyses are taking place to ensure a pure supply.

Land has been acquired where springs collect, so that sterilization of the land can take place and prevent any possible contamination.

A survey of the whole of the district is now taking place and a map prepared showing the water undertaking as regards sources, reservoirs and supply mains.

The quantity of the water more than meets the needs of the Urban area.

## SWIMMING BATHS AND POOLS

There is only one Public Bath in the Council's area, there being no privately owned swimming baths or pools. The water of the swimming pool of the Public Baths is changed every four hours, passing through modern high pressure sand filters, the water being afterwards chlorinated.

## SEWAGE DISPOSAL WORKS

The Sewage Disposal Works is designed to treat a dry weather flow of 1,025,000 gallons of sewage per day consisting of two-fifths trade wastes and the remainder domestic sewage. The sewage is of a strong industrial type and is extremely variable in composition and volume due to the irregular discharge of trade wastes. The trade wastes include chiefly :

Dye Wastes.  
Silk Boiling Liquors.  
Bleach Wastes.  
Dairy Wastes.  
Crude Gas Liquor.

All the sewage flows to the works by gravitation.

The purification plant comprises:—Electrically operated screens, Detritus tanks, Horizontal flow sedimentation tanks, Storm tanks, Percolating filters with rotary distributors, Humus tanks, Sludge drying beds.

Statistics for the year ending 31st December, 1938.

### Volume of Sewage treated

Total volume of sewage treated	...	523,122,000	gallons.
Average daily flow	...	1,433,000	„

### Purification.

Oxygen Absorbed in 4 hours at Lab. Temp.

		Parts per 100,000.
Crude Sewage.	Average for Year	13.6
Final Effluent..	Average for Year	1.6
Percentage Purification.		88.
Nitric Nitrogen		
Final Effluent		1.7

### Quantity of Sludge produced

Wet Sludge dealt with	...	...	8,200 tons.
Screenings	...	...	44 „

Part of the dried sludge has been utilised by farmers and gardeners, and the remainder disposed of by tipping.



TABLE I  
NOTIFIABLE DISEASES DURING THE YEAR.

CASES					
Disease.	Notified	Removed to Leek Iso- lation Hospital, Bagnall Smallpox Hospital or N. Staffs Infirmary			Deaths
Scarlet Fever ... ..	30	30	100%	—	
Diphtheria ... ..	10	10	100%	—	
Pneumonia ... ..	9	3	33 $\frac{1}{3}$ %	7	
Puerperal Fever ... ..	0	0		—	
Erysipelas ... ..	4	1	25%	—	
Ophthalmia Neonatorum	2	0		—	
Encephalitis Lethargica	0	0		—	
Total ...	55				

TABLE II  
ANALYSIS OF NOTIFIABLE DISEASES

	Total	AGE											
		0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65-up
Scarlet Fever ...	30	—	—	—	1	1	16	8	1	2	1	—	—
Diphtheria ...	10	—	—	—	—	1	5	2	1	1	—	—	—
Pneumonia ...	9	—	—	—	—	—	—	—	2	1	3	3	—
Puerperal Fever ...	0	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	4	—	—	—	—	—	—	—	—	2	—	1	1
Ophthalmia Neonatorum ...	2	2	—	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	0	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL ...	55	2	—	—	1	2	21	10	4	6	4	4	1

## TUBERCULOSIS

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

16 cases of Pulmonary and 5 cases of Non-pulmonary Tuberculosis were notified during the year.

13 cases of Pulmonary and 2 cases of Non-Pulmonary Tuberculosis received Sanatorium treatment.

TABLE III  
TUBERCULOSIS

NEW CASES					MORTALITY					
Pul.					Non-Pul.		Pul.		Non-Pul.	
Age		M F			M F		M F		M F	
1	...	...	—	—	1	—	—	—	—	—
5	...	...	—	—	1	—	—	—	—	—
10	...	...	—	—	—	2	—	—	—	—
15	...	...	2	1	—	—	—	1	—	—
20	...	...	2	3	—	—	—	2	—	—
25	...	...	—	2	—	—	—	1	—	—
35	...	...	2	1	—	—	3	—	—	—
45	...	...	—	—	1	—	1	—	—	—
55	...	...	1	2	—	—	—	1	—	—
65 up	...	...	—	—	—	—	—	—	—	—
		7 9			3 2		4 5		— —	
		16			5		9		—	

TABLE IV  
NOTIFICATION OF TUBERCULOSIS

YEAR	PULMONARY	NON-PULMONARY	TOTAL
1934	24	6	30
1935	19	3	22
1936	12	7	19
1937	15	7	22
1938	16	5	21

## ISOLATION HOSPITAL

*Matron*—Miss E. M. Ulett.

As is now generally known the Isolation Hospital was taken over on October 1st by the Newcastle and District Joint Hospital Board. Below are given details of cases treated in hospital but in the case of patients admitted from the Leek Rural District the figures given are only up to and including September 30th.

Meetings of the Joint Board were held as occasion demanded during the quarter. Our representation on the Board is three.

Patients were dealt with during the year as follows :—

In Hospital on January 1st, 1938	...	...	...	9
Scarlet Fever	...	...	...	8
Diphtheria	...	...	...	1
Admitted during 1938	...	...	...	83
Scarlet Fever	...	...	...	48
Diphtheria	...	...	...	14
Erysipelas	...	...	...	1
Streptococci Infection	...	...	...	1
Pneumonia	...	...	...	3
Parotitis	...	...	...	1
Tonsillitis	...	...	...	1
Impetigo	...	...	...	2
Measles	...	...	...	12

Of the 83 cases, 61 were from the Urban District, and 22 from the Rural District.

<i>Scarlet Fever.</i>				<i>Diphtheria.</i>			
Admitted	...	...	48	Admitted	...	...	14
Urban Cases	...	...	30	Urban Cases	...	...	10
Rural Cases	...	...	18	Rural Cases	...	...	4
Deaths	...	...	0	Deaths (Urban case)			0
				(Rural case)			1



TABLE V.

## IMMUNISATION AGAINST DIPHTHERIA, 1938

Number of forms issued	...	...	Not known
Number of consents received	...	...	106
Percentage of consents, of these	...	...	—
I. Immunisation completed	...	...	49
II. „ commenced	...	...	47
III. „ Not commenced...	...	...	10
Total			106

---

In concluding this report, I wish to express my thanks to Dr. A. S. L. Rae (Assistant County Medical Officer of Health for Schools), for his report on Diphtheria Immunisation ; to the Surveyor for supplying me with various items enumerated in my report ; to the Sewage Works Manager for his report on the year's working of the Sewage Works ; and lastly to the Staff of the Health Department, who are a very willing team able led by Chief Inspector Rowbotham.

J. M. JOHNSON.

TABLE VI  
ANALYSIS OF DEATH RETURNS

	Sex.	All Ages		Sex.	All Ages
1. All causes ...	M	97	20. Pneumonia (All forms) ...	M	4
	F	133		F	3
2. Measles ...	M	1	21. Other respiratory diseases	M	1
	F	1		F	—
3. Scarlet Fever ...		—	22. Peptic Ulcer ...	M	2
4. Whooping Cough ...		—		F	—
5. Diphtheria ...		—	23. Diarrhoea, etc. (under 2 years) ...		—
6. Influenza ...	M	1	24. Appendicitis ...		—
	F	1	25. Cirrhosis of Liver ...	M	1
7. Encephalitis Lethargica ...		—	26. Other diseases of Liver etc. ...	M	1
8. Cerebro Spinal Fever		—		F	1
9. Tuberculosis of the Respiratory System	M	4	27. Other Digestive diseases ...	M	—
	F	5		F	1
10. Other Tuberculosis Diseases ...		—	28. Acute and chronic Nephritis ...	M	3
11. Syphilis ...		—		F	4
12. General Paralysis of the insane Tabes-dorsalis ...	M	—	29. Puerperal Sepsis ...		—
	F	1	30. Other Puerperal causes ...		—
13. Cancer, Malignant Disease ...	M	14	31. Congenital Debility premature birth, Malformations, etc.	M	3
	F	19		F	—
14. Diabetes ...	M	1	32. Senility ...	M	1
	F	4		F	4
15. Cerebral Haemorrhage ...	M	7	33. Suicide ...	M	2
	F	11		F	1
16. Heart Disease ...	M	29	34. Other violence ...	M	5
	F	57		F	1
17. Aneurysm ...	M	—	35. Other defined diseases ...	M	8
	F	1		F	13
18. Other Circulatory diseases ...	M	7	36. Causes ill-defined or unknown ...	M	2
	F	5		F	—
19. Bronchitis ...		—	TOTALS...		230

Health Department,  
Town Hall,  
Leek.

### CHIEF SANITARY INSPECTOR'S REPORT

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

Gentlemen,

I have the honour to submit for your consideration my fifth Annual Report being for the year ending December 31st, 1938.

It is impossible by means of a printed report to portray the amount of trouble and labour involved in obtaining the results contained therein, and never has this been more true than the year under review.

The work successfully accomplished under the Milk and Dairies Orders has necessitated interviews and discussions sometimes lasting for hours before an amicable arrangement has been reached. Concerning this, it is particularly pleasing to record that in every case, by tact and sympathetic approach it has been possible to achieve excellent results without recourse to proceedings which, whatever the result, leaves behind a feeling not conducive to future friendly relationship.

At this juncture I would like to record my appreciation of the County Officials with whom we have been brought frequently into contact, particularly Mr. A. Seaton, County Sanitary Inspector. It has been a pleasure to co-operate with them on this very important phase of work.



TABLE NO. VII.

# Maternity and Infant Welfare HEALTH VISITORS' FIGURES For the Year 1938

BIRTHS														FIRST VISIT				REVISITS				TOTAL VISITS				CHILDREN ON VISITING LIST		
NOTIFIED								TRANSFERS FROM OTHER DISTRICTS																				
Live Births				Stillborn				By Midwives		By Parents and Doctors		Under Ten Days		Over Ten Days and under One Year		One Year and under Five		Expectant Mothers	Children		Expectant Mothers	Children		Expectant Mothers	Children		Under One Year	One Year and under Five
Full Term		Premature		Full Term		Premature																						
L.	I.	L.	I.	L.	I.	L.	I.	L.	I.	L.	I.	L.	I.	L.	I.	L.	I.		Under One Year	Between 1 and 5 Years		Under One Year	Between 1 and 5 Years		Under One Year	Between 1 and 5 Years		
204	9	6	1	8		4		336	8	5	2			38	1	127	5	56	210	30	40	1937	4545	94	2147	4575	2461	9945

DEATHS, TRANSFERS, AND REMOVALS OF CHILDREN ON VISITING LIST.													WELFARE CENTRE												No. of Cases of Insanitary Conditions Reported to Medical Officer of Health	
Under Ten Days				Over Ten Days and Under One Year				One Year and Under Five				Transferred to School	No of Sessions	No. on Books		* Attendances for First Time		Total No. of Attendances				No. of Cases Examined by Doctor				
														Expectant Mothers	Children		Expectant Mothers	Children		Expectant Mothers	Children					
Deaths	Removals	Deaths	Removals	Deaths	Removals	Under One Year	Between 1 and 5 Years	Under One Year	Between 1 and 5 Years	Under One Year	Between 1 and 5 Years				Health Visitor											
L.	I.	L.	I.	L.	I.	L.	I.	L.	I.	L.	I.		172	1178	1439		110	180		1825	1143		1112	9		
4	1			4	1	52	1	3		148	4	214	8	20		6		12				6	9			

L.—Legitimate.

I.—Illegitimate.

\* To be included in Total Attendance Figures.

Infant Welfare Clinic  
Special Anti Natal Clinic



On referring to the table dealing with slaughter-houses inspection you will notice an increase on the previous year in the amount of organs and carcasses condemned. This I attribute to the fact that in 1937 it was found that the regulations governing the notification of slaughter were not being observed in their entirety. Steps were immediately taken to impress the importance of the regulations on the butchers, with the result that since, all the animals slaughtered outside the usual slaughtering hours have been duly notified and inspections carried out.

In November the Health Committee agreed to again witness a demonstration of the humane slaughter of sheep under the auspice of the R.S.P.C.A., and as a result they subsequently resolved to make the Slaughter of Animals Act applicable to sheep.

Additional work has fallen on the department since September owing to A.R.P. activities, but of this no details are given in this report.

Additional legislation always increases the work of a department and this has been the case in respect of the legislation concerning Shops and Factories.

The Food and Drugs Act comes into operation on October 1st, 1939, which gives the Local Authority, inter-alia, wider and more efficient powers for controlling hygienic food preparation, storage and sale.

In conclusion Mr. Chairman and Gentlemen, I wish to thank those colleagues with whom I am brought into daily contact for their willing co-operation, and yourselves for the consideration and courteous attention you have given to the matters with which you have, from time to time, had to deal.



TABLE VIII.

## HOUSING

1. Inspection of Dwelling-houses during the year :	
(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..	44
(b) Number of inspections made for the purpose ... ..	73
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	21
(b) Number of inspections made for the purpose ... ..	29
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	4
(4) Number of dwelling-houses (exclusive of those referred to under the previous sub-head) found not to be in all respects reasonably fit for human habitation ...	40
2. Remedy of defects during the year without service of formal notice :	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... ..	39
3. Action under Statutory powers during the year:	
(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ..	2
(2) Number of dwelling-houses which were rendered fit after service of formal notices :	
(a) By owners ... ..	2
(b) By Local Authority in default of owners ... ..	0

## (b) Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..	17
---	----

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :	
--	--

(a) By owners ... ..	0
----------------------	---

(b) By Local Authority in default of owners ... ..	0
--	---

## (c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made ...	4
---	---

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ...	3
--	---

## (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 ... ..	0
---	---

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the room or tenement having been rendered fit ...	0
---	---

## HOUSE REFUSE REMOVAL

There are three motor vehicles engaged solely on the collection of house refuse, a seven-day collection is maintained and the refuse disposed of by tipping.

The following are the details of the number of loads of ashes and nightsoil removed during the year :—

3263 Shelvoke & Drury loads.

1095 Morris loads.

10 loads of excreta.

TABLE IX.  
SANITARY INSPECTION OF THE TOWN

1.	Premises cleansed and repaired	...	...	...	90
2.	Drains tested	...	...	...	36
3.	„ reconstructed	...	...	...	15
4.	„ repaired	...	...	...	30
5.	„ cleansed	...	...	...	6
6.	Water closets cleansed	...	...	...	2
7.	„ repaired	...	...	...	15
8.	„ constructed	...	...	...	10
9.	Flushing arrangements provided	...	...	...	16
10.	Waste pipes altered or repaired	...	...	...	8
11.	Rain water pipes repaired	...	...	...	15
12.	Roofs and gutters repaired	...	...	...	47
13.	Additional light provided	...	...	...	63
14.	Additional ventilation provided	...	...	...	103
15.	Damp conditions remedied	...	...	...	43
16.	Yards drained and paved	...	...	...	34
17.	Dustbins provided	...	...	...	162
18.	Fireplaces provided or repaired	...	...	...	27
19.	Coppers provided or repaired...	...	...	...	7
20.	Cases of overcrowding abated	...	...	...	6
21.	Accumulations of manure, etc. removed	...	...	...	1
22.	Smoke nuisances	...	...	...	12
23.	Cesspools cleansed	...	...	...	12
24.	Rooms disinfested	...	...	...	95
25.	Privies converted into water closets	...	...	...	Nil
26.	Staircases repaired	.....	.....	.....	32
27.	Handrails provided	...	...	...	33
28.	Windows repaired	.....	.....	...	50
29.	Floors repaired	...	...	...	98
30.	Walls and ceilings repaired	...	...	...	137
31.	Food storage provided	...	...	...	18
32.	Water supply provided	...	...	...	4
33.	Sinks provided...	...	...	...	13
34.	Doors repaired	...	...	...	38
35.	Back doors provided	...	...	...	Nil
36.	Walls pointed...	...	...	...	108
37.	Chimney stacks repaired	...	...	...	19
38.	Other nuisances	...	...	...	6
Total					1411



No. of preliminary notices served	...	...	...	...	222
No. of preliminary notices complied with	without	the			
service of statutory notices	...	...	...	...	225
No. of statutory notices served	...	...	...	...	4
No. of statutory notices complied with	...	...	...	...	2

TABLE X.  
SUMMARY

No. of premises where Notifiable diseases have occurred	68
"          inspected where	66
"          disinfected "          " (all causes)	120
Nuisances reported to Health Department	322
Inspection of premises where nuisances were found	148
"          premises where no nuisances were found	16
"          premises where offensive trades are con-	
ducted	7
"          houses let in lodgings	31
"          Common Lodging Houses	8
"          Workshops	3
"          Factories	25
"          Slaughter-Houses	865
"          Dairies, Milkshops and Farms	134
"          Bakehouses	25
"          Markets and Stalls	38
"          Food premises	304
Re-inspections after complaints	519
"          under Housing Acts	789
Total	3,488

#### MILK AND DAIRIES ORDER 1926

The register under this Order is made up as follows :

113 persons registered.

40 as cowkeepers.

67 as retail purveyors.

24 retailers of bottled sterilized milk.

16 wholesale producers.

During the year, 134 visits were paid to farm premises. Thirteen farms and dairies were improved so satisfactorily that licences were granted for the production of Accredited Milk.

The following are brief details of the work executed at each of the aforementioned farms.

FARM No. 1.

Additional light and ventilation provided.

FARM No. 2.

Three separate small shippens converted to one shippen with single row of standings and open feeding passage. One shippen entirely reconstructed with new standings, group, cement boskins and additional lighting,

FARM No. 3.

Three shippens with insufficient lighting, badly worn standings, low roof and unsuitable arrangements of tying have been converted into one shed with single centre standings and open feeding passage. The roof has been raised to maximum height, lighting and ventilation has been increased by the provision of several new windows and the addition of air bricks; tubular boskins and water bowls have been installed throughout, and improvements have also been carried out in connection with the dairy buildings.

FARM No. 4.

With the exception of one small shed, work in connection with the shippens of this farm has been chiefly concerned with the relaying of standings and groups, the installation of new feeding troughs, and the provision of extra light and ventilation. The small shippen previously mentioned has been completely re-designed in order to obtain sufficient height and although this alteration unfortunately meant the taking in of loft space the result has been more than justified. The dairy floor of this farm has been completely renewed.

**FARM No. 5.**

After having had two unsatisfactory sample results the farmer in this case was advised to provide more suitable dairy arrangements. This has been done and the resulting samples have shown a satisfactory reaction to the Methelene Blue Test.

**FARM No. 6.**

The farmer was in this case advised that his existing buildings could not at a reasonable cost be so altered as to comply with the requirements for Accredited Milk production. A new shippon was built and a modern dairy building with sterilizer constructed.

**FARM No. 7.**

The sheds in connection with this particular farm were small separate buildings of poor construction and with totally inadequate light and ventilation. In view of the fact that alteration of these separate buildings would result in a costly and only partially satisfactory job the farmer was advised to consider the proposal to erect a new building constructed on modern lines and of sufficient size to take the whole of his stock. This suggestion, together with minor alterations to the existing dairy buildings, was carried out.

**FARM No. 8.**

Minor alterations giving increased light and ventilation to the dairy buildings were carried out.

**FARM No. 9.**

Additional windows giving increased light and ventilation were provided in all sheds and an electric boiler fixed in dairy-wash house.

**FARM No. 10.**

Additional lighting and ventilation has been provided in three shippons.

**FARM No. 11.**

New standings, groups and trough have been provided in both sheds and a new dairy building and wash house constructed.



**FARM No. 12.**

In this case owing to arrangement of existing sheds and other farm buildings the requisite amount of light and ventilation could not be obtained. The farmer has had built a separate shippon with double tyings and centre feeding passage.

**FARM No. 13.**

Extensive work to existing cowsheds has been carried out, standings and groups being renewed and additional light and ventilation provided. The floors of dairy wash-house and cooling rooms have been renewed.

In all above cases the farmers have been granted licences under Milk Special Designated Order to produce Accredited Milk.

**THE MILK (SPECIAL DESIGNATIONS) ORDER 1936**

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

**MEAT**

There are seven private slaughter-houses, consisting of one registered and six licensed, but during the year one of the licensed premises was not used for slaughtering, the remaining six being used constantly.

During the year, the Sanitary Inspectors made 865 visits to these premises and the number of carcasses inspected was 5,529, comprising 1,137 oxen, 1,386 pigs, 2,928 sheep and 78 calves.

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

**(1) Carcasses :**

- 4 Beasts and 939 lbs. of beef for Tuberculosis.
- 3 Pigs for Tuberculosis.
- 1 Sheep—Casualty.

## (2) Organs :—

*Oxen.*

For Tuberculosis : 75 pairs of lungs, 23 livers,  
10 paunches, 10 spleens, 27 heads and tongues,  
2 hearts and 30 mesenteries.

For Flukes and Cirrhosis : 20 livers.

For Abscesses . 2 pairs of lungs and 3 livers.

For Pleurisy : 1 pair of lungs.

For Pericarditis : 1 heart.

For Multiple Hydatid Cysts : 1 pair of lungs.

For Capillary Angioma : 1 liver.

For Mastitis : 1 Udder.

For Melanosis : 2 pairs of lungs.

For Pneumonia : 1 pair of lungs.

For Distomatosis : 1 pair of lungs.

*Pigs.*

For Tuberculosis : 158 heads, 41 plucks, 41 mesen-  
teries, 23 spleens, 15 pairs of lungs, 13 stomachs,  
14 lbs. of pork, 1 heart, 4 livers.

For Pleurisy : 1 pair of lungs.

For Cirrhosis : 2 livers.

*Sheep.*

For Flukes : 2 livers and 1 pluck.

For Cysts : 1 kidney.

For Rupture : 1 kidney.

For Decomposition ; 15 lbs.

For Bruising : 13 lbs.

*Calves.*

For Bruising : 1 hind.

## CARCASSES INSPECTED AND CONDEMNED

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed (if known) ...	1137	78	2928	1386
Number Inspected ...	1137	78	2928	1386
All diseases except Tuberculosis Whole carcase condemned ...	—	—	—	—
Carcases of which some part or organ was condemned ...	36	2	6	3
Percentage of the number in- spected affected with disease other than Tuberculosis ...	3.1%	2.5%	.2%	.2%
Tuberculosis only ... Whole carcasses condemned ...	4	—	—	3
Carcases of which some part or organ was condemned ...	91	—	—	166
Percentage of the number in- spected affected with tuber- culosis ...	8.0%	—	—	11.9%

## Public Health Meat Regulations (1924)

These regulations have been observed in their entirety and during the year under review all the animals slaughtered for human consumption were inspected. The importance of this inspection is thrown into relief by a comparison of the Meat, etc., condemned in the two years 1937 and 1938.

## COUNCIL HOUSES

We have a total of 856 houses. There are three types, comprising 158 "B" type (containing parlour, living room, scullery, three bedrooms and bathroom), 534 "A" type (containing living-room, scullery, three bedrooms and bathroom) and 158 "A2" type (containing living-room, scullery, two bedrooms and bathroom) together with 1 hut situated in Junction Road.



The following are the details of the houses re-let during the year :

- 22 " B " type houses let.
- 38 " A " type houses let.
- 7 " A2 " type houses let.
- 11 " A3 " (Subsidy) type houses let.

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78 Total

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The particulars of tenants allowed to exchange into different houses are as follows :—

- 5 from a 16/- to a 16/-
- 2 from a 16/- to a 13/6
- 1 from a 13/6 to a 13/6
- 5 from a 13/6 to a 9/-
- 1 from a 13/6 to a 16/-
- 1 from a 13/6 to a 11/6
- 1 from a 11/6 to a 16/-
- 2 from a 9/- to a 16/-
- 6 from a 9/- to a 13/6
- 2 from a 11/6 to a 13/6

At the end of the year the number of persons applying for Council houses was :—

- 2 for " B " type houses.
  - 29 for " A " type houses.
  - 5 for " A3 " type houses.
  - 44 for " A2 " type houses.
  - 14 for A or A2 type houses.
- Giving a total of 94.

### PETROLEUM STORES

There are 44 licences in force for permitting stores for the keeping and sale of petroleum that flashes under 73 degrees Fahrenheit, and one for the keeping and sale of calcium carbide. There are also two private storehouses for the keeping of petroleum under the Home Secretary's Order.

### COMMON LODGING HOUSES

We have two Common Lodging Houses which provide a total nightly accommodation for 58 lodgers. They were inspected from time to time and both were found to be well maintained.

### RIVERS AND STREAMS

A complaint was received from the County Authorities of the pollution of the river, which on investigation proved to be due to an overflowing cesspool at a farm. The nuisance was quickly abated but I hope that it will be possible for the cesspool to be abolished when the sewerage of this part of the district is undertaken.

### CAMPING SITES.

There are no licenced camping sites in the area.

### CLOSET ACCOMMODATION

The estimated number of privies in the Urban District is 69.

### SMOKE ABATEMENT

There were 12 complaints of smoke nuisances dealt with during the year.

### SHOPS HOURS OF CLOSING ACT

83 visits were made at regular intervals during the year to ensure that the Act was being observed.

Two shopkeepers were prosecuted for selling articles during prohibited hours, a conviction being recorded in each case.

### ERADICATION OF BED BUGS

There were six houses found to be infested with bugs, which necessitated the fumigation of 37 rooms. Various methods were adopted, including fumigation by Sulphur, Cimex and spraying with Zaldecide. Belongings of tenants are carefully examined for vermin before removal to Council Houses and any work of disinfection necessary carried out by the Health Department. No houses belonging to the Council were found infested during the year.

### RATS AND MICE DESTRUCTION ACT

The County Council are the authority under the Rats and Mice Destruction Act, and I enlisted the services of the County Rat Officer on various occasions when complaints were received. The results of this officer's activities have been reported to the Council at their meetings.

J. ROWBOTHAM.



## INDEX

	PAGE
Ambulance Services ... ..	7
Bakehouses .. ..	19
Births and Birth Rate .. ..	4
Bugs, Eradication of ... ..	27
Camping Sites ... ..	26
Closet Accommodation .. ..	26
Common Lodging Houses .. ..	26
Dairies, Cowsheds and Milkshops .. ..	19
Diphtheria Immunisation and Schick Testing .. ..	12
Deaths and Death Rates ... ..	13
Factories and Workshops .. ..	19
Food Inspection .. ..	20
Hospitals and Clinics in Area .. ..	6
Housing .. ..	16
Houses (Council) .. ..	24
Houses, New, Erected during 1937 .. ..	3
Houses Inspected, Details of .. ..	18
House Refuse Removal .. ..	17
Illegitimate Births .. ..	4
Infantile Mortality .. ..	4
Infectious Diseases .. ..	11
Isolation Hospital .. ..	11
Maternity and Child Welfare .. ..	facing page 14
Meat Condemned and Destroyed ... ..	24
Meat Regulations, 1924 .. ..	24
Milk and Dairies Orders .. ..	19
Milk (Special Designations) Order .. ..	22
Notifications of Infectious Diseases during 1937 .. ..	9
Notifiable Diseases (other than Tuberculosis) 1937 .. ..	9
Nuisances Number and Nature Abated .. ..	19
Offensive Trades .. ..	19
Overcrowding .. ..	14
Petroleum Stores .. ..	26
Population .. ..	3
Public Health Staff .. ..	5
Principal Vital Statistics for 1937 .. ..	4
Rats and Mice Destruction Act .. ..	27
Rivers and Streams .. ..	26
Sewage Disposal .. ..	7
Shops Acts .. ..	27
Slaughterhouses .. ..	19
Smoke Abatement .. ..	26
Swimming Baths ... ..	7
Tuberculosis .. ..	10
Water Supply ... ..	7





