

[Report 1939] / Medical Officer of Health, Ashton-under-Lyne Borough.

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BOROUGH OF
ASHTON-UNDER-LYNE



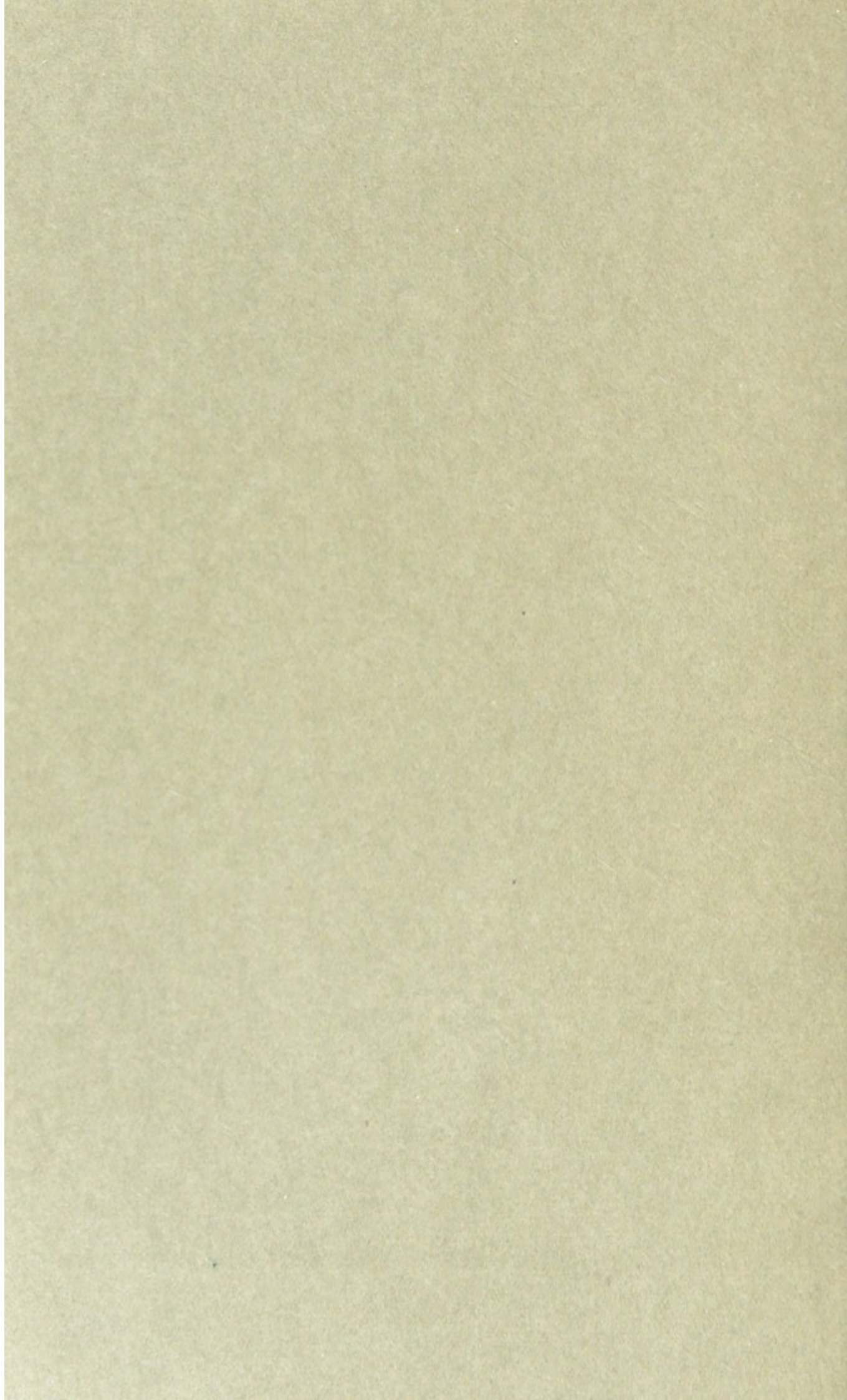
ANNUAL REPORT

OF THE
MEDICAL OFFICER
OF HEALTH

FOR THE YEAR

1939







BOROUGH OF ASHTON-UNDER-LYNE

ANNUAL REPORT

Of the Medical
Officer of Health

for the year
1939

Borough of Ashton-under-Lyne

NOVEMBER, 1939

PUBLIC HEALTH COMMITTEE

Chairman: Alderman Sheard.

Deputy-Chairman: Councillor Hague.

The Mayor, Alderman Massey, Councillors Arnold, Flowers, Green, Hannan, Hilton, Ibbotson, and Mrs. Mamourian.

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman: Councillor Farley.

Deputy-Chairman: Councillor Mrs. Mamourian.

The Mayor, Councillors Arnold, Flowers, Hall, Hannan, Oldham, Mrs. Wild and Mr. Ralphs.

TOWN HALL CHAMBERS,
ASHTON-UNDER-LYNE.

30th November, 1940.

TO THE MAYOR AND COUNCIL OF THE BOROUGH OF
ASHTON-UNDER-LYNE.

MR. MAYOR, MR. CHAIRMAN, LADIES AND GENTLEMEN,

On the suggestion of the Ministry of Health to meet the need for economy I am only presenting an interim report on the Health of the Borough for the year 1939. Arrangements have been made for the careful preservation of all records in order that, after the termination of the war, a report can be made dealing with the war period.

Dr. Simpson was called up for military duties in the Royal Air Force on 22nd July, 1940.

For the various rates I would refer you to the appropriate section of the Report.

The Infant Death Rate of 58 is one of the lowest recorded in the borough—the figure is the same as that for 1930.

The notification of Measles and Whooping Cough became compulsory in November, 1939.

The Borough Isolation Hospital was closed on 1st August, 1939, and was taken over by the Air-Raid Precautions Authority as a First-Aid Post.

The work of the Maternity and Child Welfare Department was somewhat disorganised during the first weeks following the outbreak of war, but by the end of the year, all the Clinics were again functioning normally and the work has since been well maintained.

Commending this report to your notice,

I have the honour to be,

Your obedient servant,

MARY EVANS,

Medical Officer of Health.

Staff of the Health Department

Medical.

Alan S. Simpson, M.B., B.S.(Lond.), M.R.C.S., D.P.H.,
Medical Officer of Health, School Medical Officer,
Maternity and Child Welfare Officer, Superintendent of
Infectious Diseases Hospital.

Mary Evans, M.B., Ch.B., D.P.H., Assistant Medical Officer
of Health, Assistant School Medical Officer, Assistant
Medical Officer for Maternity and Child Welfare.

Sanitary Inspectors.

C. Sykes Handforth, M.S.I.A., C.R.S.I., M.Inst.P.C., Chief
Sanitary Inspector, Inspector of Meat and Other Foods,
etc.

Herbert Hunter, M.S.I.A., C.R.S.I., Additional Sanitary
Inspector, Inspector of Meat and Other Foods, etc.

W. L. Barnsley, M.S.I.A., C.R.S.I., Additional Sanitary
Inspector, Inspector of Meat and Other Foods, etc.

J. Sagar, M.S.I.A., C.R.S.I., Additional Sanitary Inspector,
Inspector of Meat and Other Foods, etc.

Health Visitors.

Nurse Chamberlain, S.R.N., S.C.M., H.V. Certificate.

„ Coffey, S.C.M.

„ Hawcroft, S.R.N., S.C.M., H.V. Certificate.

„ Parkinson, S.R.N., S.C.M.

„ Weir, S.R.N., S.C.M.

„ Tonkin.

„ Grieve.

Clerks.

C. Sharples, A. Hartley, O. M. Roberts, M. Coltas.

Hospital.

Miss Hollis, S.R.N., Matron of Infectious Diseases Hospital.
(Resigned August, 1939).

One Staff Nurse. (Released for A.R.P. Duties, September,
1939).

Section A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

TABLE I.—Vital Statistics during 1939 and previous years.

TABLE II.—Registrar General's Return for 1939 — Causes of Death.

TABLE III.—Causes of, and Ages of Death during the year ending 31st December, 1939.

TABLE IV.—Birth-rate, Death-rate, Infantile Mortality-rate, 1900-1939.

Summary of Statistics

1. General Statistics.

Area (in Acres)	2,981
Population (Census, 1921)	51,409
Population (Census, 1931)	51,573
Number of Inhabited Houses (1921)	12,370
" " (1931)	13,871
" " (1939)	14,719
(At 31st December, according to Rate Books)	
Number of Families or Separate Occupiers (1921)	12,370
Number of Families or Separate Occupiers (1931)	13,561
Rateable Value	£249,125
Sum represented by a Penny Rate	£945

The following table shows the extent of unemployment in the area covered by the Exchange, viz.:—Ashton-under-Lyne, Hurst, Dukinfield, Audenshaw, Waterloo and Limehurst.

Ashton-under-Lyne Employment Exchange

Number of Persons (Aged 14 and over) registered as unemployed
at Ashton-under-Lyne Employment Exchange at monthly
intervals during 1939.

MONTH	MEN 18 & Over	BOYS 14—17	WOMEN 18 & Over	GIRLS 14—17	TOTAL
January	3,840	109	1,795	117	5,861
February	3,376	77	1,788	70	5,311
March	3,197	70	1,353	53	4,673
April	3,042	96	1,433	85	4,656
May	2,876	63	1,210	34	4,183
June	2,986	34	1,132	20	4,172
July	2,783	33	1,128	20	3,964
August	2,560	97	1,083	81	3,821
September	1,783	101	1,055	55	2,994
October	1,852	50	936	44	2,882
November	1,665	48	941	33	2,687
December	1,619	34	724	24	2,401
Average	2,631	68	1,215	53	3,967

The monthly average for the last five years was as follows:—

Monthly average for 1935	...	...	...	...	6,116
„ „ „ 1936	...	...	...	...	5,116
„ „ „ 1937	...	...	...	...	3,941
„ „ „ 1938	...	...	...	...	5,623
„ „ „ 1939	...	...	...	...	3,967

Extracts from Vital Statistics

	M.	F.	Total.
Live Births, Legitimate	317	287	604
Illegitimate	12	14	26
	<u>329</u>	<u>301</u>	<u>630</u>

Rate per 1,000 estimated resident population 13.0

	M.	F.	Total.
Still Births, Legitimate	17	17	34
Illegitimate	—	2	2
	<u>17</u>	<u>19</u>	<u>36</u>

Rate per 1,000 total (live and still) Births 54.0

	M.	F.	Total.
Deaths	353	366	719

Crude Death Rate per 1,000 estimated resident population 14.9

Death Rate (adjusted by R.G.'s A.C.F. figure, 1.07) ... 15.9

Deaths from Puerperal Causes (R.G.'s Short List):—

	Deaths	Rate per 1,000 total live and still births
Puerperal Sepsis	1	1.50
Other Puerperal Causes ...	3	4.50
Totals	<u>4</u>	<u>6.00</u>

Number of Deaths of Infants under 1 year of age 37

Death-rate of Infants under 1 year of age:—

All Infants per 1,000 live births	58
Legitimate Infants per 1,000 legitimate live births ...	56
Illegitimate Infants per 1,000 illegitimate live births ...	115

Death and Death Rates From Certain Conditions.

	No. of Deaths	Ashton-under-Lyne	England and Wales
		Death Rate per 1,000 Population	Death Rate per 1,000 Population
Enteric Fever	0	0·00	0·00
Smallpox	0	0·00	0·00
Measles	0	0·00	0·01
Scarlet Fever	0	0·00	0·01
Whooping Cough	0	0·00	0·03
Diphtheria	6	0·10	0·05
Influenza	16	0·30	0·21
	No. of Deaths	Death Rate per 1,000 Live Births	Death Rate per 1,000 Live Births
Diarrhoea and Enteritis under 2 years of age...	0	0·00	4·6

TABLE I.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1939 AND PREVIOUS YEARS.

YEAR	Estimated Populat'n	Births			Total Deaths Registered in the District			Transferable Deaths			Net Deaths belonging to the District		
		Un- corrected Number	Number	Rate*	Number	Rate*	of Non- residents registered in the district	of Residents not registered in the district	9	Number	Rate per 1,000 Births registered	Number	Rate*
1	2	3	4	5	6	7	8	9		10	11	12	13
1934	51573	921	645	12.8	1068	20.7	423	50		46	71.3	645	12.8
1935	50220	991	620	12.3	1152	23.0	447	57		41	66.1	705	14.0
1936	49580	962	612	12.3	1141	22.9	469	52		38	62.0	724	14.6
1937	48810	1053	620	12.7	1262	25.8	468	74		39	62.0	794	16.2
1938	48540	1149	645	13.2	1213	24.9	525	65		50	77.0	688	14.1
1939	47950	1225	630	13.0	1272	26.4	553	54		37	58.0	719	14.9

* Rates in columns 5, 7, and 13 are calculated per 1,000 of the estimated gross population.
Area of District in acres (exclusive of area covered by water) 1,983. Total population of all ages, 51,040 }
Number of inhabited houses, 13,871. Average number of persons per house, 3.73. } At census
of 1931.

TABLE III CAUSES OF, AND AGES AT DEATH DURING THE YEAR ENDING 31st DECEMBER, 1939.

CAUSES OF DEATH	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District (a)										S. Peter's Ward		Portland Ward		Market Ward		Michael's Ward		East Ward		West Ward		Lake Hospital		Infirmary		Borough Hospital		Totals		Transferable Deaths belonging to the District	Total Deaths of "Non-Residents" in Institutions in the District (b)	
	All Ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards	Under 5	Above 5	Under 5	Above 5	Under 5	Above 5	Under 5	Above 5	Under 5	Above 5	Under 5	Above 5	Under 5	Above 5	Under 5	Above 5	Under 5	Above 5	Males	Females	Males			Females
ALL CAUSES	719	36	4	2	9	23	71	195	379	4	128	4	71	4	107	2	55	4	51	—	68	17	136	5	62	—	1	353	366	54	553		
Typhoid and Paratyphoid Fevers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diphtheria	6	—	—	2	3	—	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Influenza	16	—	—	—	—	—	—	1	8	7	—	—	—	—	2	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—		
Encephalitis Lethargica	1	—	—	—	—	—	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cerebro-Spinal Fever	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Tuberculosis of Respir. System	34	—	—	—	1	4	20	6	3	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Tuberculosis Diseases	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Syphilis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
General Paralysis of the Insane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Tabes Dorsalis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cancer, Malignant Disease	85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diabetes	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cerebral Haemorrhage, etc.	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Heart Disease	243	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Aneurysm	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Circulatory Diseases	48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Bronchitis	16	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pneumonia (all forms)	32	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Respiratory Diseases	7	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Peptic Ulcer	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diarrhoea, etc. (under 2 years)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Appendicitis	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cirrhosis of Liver	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Diseases of Liver, etc.	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Digestive Diseases	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Acute and Chronic Nephritis	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Puerperal Sepsis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Puerperal causes	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Congenital Debility, Premature Birth, Malformation, etc.	28	27	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Senility	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Suicide	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Violence	23	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other Defined Diseases	56	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Causes ill-defined or unknown.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Special Causes (included in above), Small Pox, Poliomyelitis, Polioencephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				

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TABLE II.

Registrar General's Return for the Year 1939.

CAUSES OF DEATH.

No.	ALL CAUSES	M.	F.	Total
1.	Typhoid and Paratyphoid Fevers	0	0	0
2.	Measles	0	0	0
3.	Scarlet Fever	0	0	0
4.	Whooping Cough	0	0	0
5.	Diphtheria	1	5	6
6.	Influenza	9	7	16
7.	Enceph. Lethargica	0	1	1
8.	Cerebro-Spinal Fever	0	0	0
9.	Tuberculosis of Respiratory System	21	13	34
10.	Other Tuberculosis Diseases	3	1	4
11.	Syphilis	0	1	1
12.	General Paralysis of the Insane, Tabes Dorsalis... ..	1	0	1
13.	Cancer	41	44	85
14.	Diabetes	3	8	11
15.	Cerebral Hæmorrhage, etc.	12	18	30
16.	Heart Disease	115	128	243
17.	Aneurysm	1	0	1
18.	Other Circulatory Diseases	21	27	48
19.	Bronchitis	8	8	16
20.	Pneumonia (all forms)	14	18	32
21.	Other Respiratory Diseases	5	2	7
22.	Peptic Ulcer	7	1	8
23.	Diarrhœa, etc. (under 2 years)	0	0	0
24.	Appendicitis	4	3	7
25.	Cirrhosis of Liver	1	2	3
26.	Other Diseases of the Liver, etc.	1	0	1
27.	Other Digestive Diseases	5	6	11
28.	Acute and Chronic Nephritis	11	10	21
29.	Puerperal Sepsis	0	1	1
30.	Other Puerperal Diseases	0	3	3
31.	Congenital Debility, Premature Birth, etc.	18	10	28
32.	Senility	6	12	18
33.	Suicide	1	2	3
34.	Other Violence	16	7	23
35.	Other Defined Diseases	28	28	56
36.	Causes ill-defined or unknown	0	0	0
		353	366	719

TABLE IV.
BIRTH-RATE, DEATH-RATE AND INFANTILE MORTALITY
IN ASHTON-UNDER-LYNE, 1900-1939.

Year	No. of Births	Birth Rate	No. of Deaths	Crude Death Rate	No. of Infantile Deaths	Infantile Mortality Rate per 1,000	Average 5 Years		
							Birth Rate	Death Rate	Infantile Mor- tality
1900	1237	27.4	905	20.1	225	181	26.6	18.9	175.6
1901	1092	24.8	821	18.7	201	182			
1902	1228	27.9	842	19.1	179	142			
1903	1161	26.2	886	20.0	238	199			
1904	1203	27.0	773	17.3	207	172			
1905	1183	26.3	827	18.4	212	179	25.8	18.1	167.3
1906	1200	26.5	788	17.4	183	152			
1907	1217	26.7	822	18.0	191	156			
1908	1227	26.7	876	19.1	225	183			
1909	1069	23.1	835	18.0	176	164			
1910	1093	23.4	737	15.8	162	148	23.2	17.3	163.2
1911	1042	23.0	801	17.7	202	193			
1912	1044	23.1	769	17.0	133	127			
1913	1056	23.3	773	17.1	174	164			
1914	1053	23.3	860	19.0	196	183			
1915	902	19.9	823	20.0	153	167	17.8	17.9	124
1916	771	17.7	653	16.3	90	116			
1917	740	16.9	641	16.3	75	101			
1918	732	16.4	798	20.1	88	120			
1919	826	18.1	779	17.2	98	118			
1920	1152	25.3	651	14.3	138	119	20.5	14.0	94.6
1921	990	22.3	664	15.0	104	105			
1922	873	19.6	602	13.5	80	91			
1923	785	17.7	633	14.3	64	81			
1924	776	17.6	583	13.2	60	77			
1925	748	17.0	649	14.7	69	92	15.2	14.5	92.0
1926	722	16.7	629	14.6	74	102			
1927	732	14.3	672	13.2	66	90			
1928	747	14.3	722	13.8	52	69			
1929	725	14.0	863	16.6	78	107			
1930	739	14.2	642	12.4	43	58	13.5	13.2	69.4
1931	765	14.7	711	13.7	53	69			
1932	690	13.5	697	13.3	58	84			
1933	634	12.5	704	13.9	41	64			
1934	645	12.8	645	12.8	46	71			
1935	620	12.3	705	14.0	41	66	12.7	14.7	65.0
1936	612	12.3	724	14.6	38	62			
1937	620	12.7	794	16.2	39	62			
1938	645	13.2	688	14.1	50	77			
1939	630	13.0	719	14.9	37	58			

Section B.

MATERNITY AND CHILD WELFARE.

TABLE V.—Causes of Infant Deaths, 1939.

Notification of Births

(Public Health Act, 1936, Section 203).

The Act requires that all births occurring in the area of Ashton-under-Lyne (after the 28th week of pregnancy, whether alive or still) shall be sent to the Medical Officer of Health within 36 hours of the birth. All births occurring within the area are, therefore, notified to me whether the parent is a resident or a non-resident of Ashton-under-Lyne.

				Total Notified	Ashton Residents
Number of Live Births...	Notified	Male	384		
		Female ...	378	762	618
Number of Still Births ...	Notified	Male	25		
		Female ...	28	53	36
		By Institutions—			
	{	Lake Hospital		226	
		District Infirmary		188	
		Nursing Home		46	
		Midwives		332	
		Doctors		15	
		Other Sources		8	
Total Births Notified Live and Still				815	

Notifications received by Department included above, but transferred elsewhere 166

Total Notified Births allocated to Ashton-under-Lyne 654

Percentage of Total Notified Births (Live and Still) received from	{	(a) Institutions and Nursing Homes	56%
		(b) Municipal Midwives	36%
		(c) Private Midwives	5%
		(d) Other Sources	3%

Midwives Practising in the Area.

There were five midwives practising in the area during 1939, and four of these were Municipal Midwives appointed by the Lancashire County Council.

MUNICIPAL MIDWIVES—

Name	Address	Telephone Number	Qualification
Mrs. L. Wood	209, Stockport Road...	ASH. 2107	S.C.M.
Mrs. Lillie Barrett	280, Katherine Street..	ASH. 2119	S.C.M.
Mrs. B. J. Egerton	57, Ladbroke Road...	ASH. 2063	S.C.M.
Mrs. A. Harrop	111, Stamford Square	ASH. 2033	S.C.M.

PRIVATE MIDWIVES—

Name	Address	Telephone Number	Qualification
Mrs. S. A. Sidebottom...	261, Smallshaw Lane...	ASH. 2615	S.C.M.

A reference to the figures above shows the percentage of total notified births attended by Municipal and Private Midwives.

Transferred Births.

The names and addresses of 233 infants and young children who left the borough (including those children born in institutions in Ashton whose home addresses were outside the district) were notified to the Medical Officers of the areas of their destination and 46 notified as coming to live in the borough.

Health Visiting.

Staff.—A reference to staff (page 4) shows that the Council employs one whole-time Health Visitor and four Health Visitors who also do School Medical Work.

Each of the latter gives $\frac{4}{7}$ ths of her time to Maternity and Child Welfare work, and the remaining $\frac{3}{7}$ ths to School Medical work.

The equivalent of whole-time staff devoted to purely Maternity and Child Welfare work is, therefore, $\frac{3.2}{7}$ ths Health Visitors.

Maternal Mortality.

ASHTON-UNDER-LYNE.

Maternal Mortality Rate (per 1,000 Total Births i.e., Live and Still).	Puerperal Sepsis	1.50
	Other Puerperal Causes	4.50
	Total	6.00

Ante-Natal Clinic.

This Clinic is held every Friday afternoon, one week at the Richmond Street Centre, and the following week at Enville House Centre.

Fifty-two sessions were held during 1939, and 286 expectant mothers made 1,555 attendances.

This figure of 286 represents an attendance of 44 per cent. of the total notified (live and still births).

The number of women attending the Ante-Natal Clinics since 1933 is as follows:—

Year.	No. attending.
1933	210
1934	210
1935	207
1936	259
1937	311
1938	360
1939	286

Post-Natal Clinics.

This Clinic is held on the first Monday afternoon in the month at Enville House Centre.

There were 9 sessions in the year and the number of patients who attended was 62. This figure shows an increase over the previous year of 33.

Stillbirths.

The number of stillbirths notified amongst Ashton residents during 1939 was 36.

Table V.

INFANT MORTALITY

Net Deaths from stated causes at various Ages under 1 Year of Age during the Year ending 31st December, 1939

CAUSE OF DEATH		Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under One Year
ALL CAUSES	Certified Uncertified	23 —	4 —	— —	1 —	28 —	2 —	2 —	4 —	1 —	37 —
Smallpox		—	—	—	—	—	—	—	—	—	—
Chicken Pox		—	—	—	—	—	—	—	—	—	—
Measles		—	—	—	—	—	—	—	—	—	—
Scarlet Fever		—	—	—	—	—	—	—	—	—	—
Diphtheria and Croup		—	—	—	—	—	—	—	—	—	—
Whooping Cough		—	—	—	—	—	—	—	—	—	—
Diarrhoea		—	—	—	—	—	—	—	—	—	—
Enteritis		—	—	—	—	—	—	—	—	—	—
Tuberculous Meningitis		—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis (b)		—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases		—	—	—	—	—	—	—	—	—	—
Congenital Malformations (c)		—	—	—	—	—	—	—	—	—	—
Premature Birth		14	—	—	—	14	—	—	—	—	14
Atrophy, Debility and Marasmus		2	2	—	1	5	—	—	—	—	5
Atelectasis		2	—	—	—	2	—	—	—	—	2
Injury at Birth		1	1	—	—	2	—	—	—	—	2
Erysipelas		—	—	—	—	—	—	—	—	—	—
Syphilis		—	—	—	—	—	—	—	—	—	—
Rickets		—	—	—	—	—	—	—	—	—	—
Meningitis not Tuberculous		—	1	—	—	1	—	1	—	—	2
Convulsions		—	—	—	—	—	—	—	—	—	—
Gastritis		—	—	—	—	—	—	—	—	—	—
Laryngitis		—	—	—	—	—	—	—	—	—	—
Bronchitis		—	—	—	—	—	1	—	—	—	1
Pneumonia (all forms)		—	—	—	—	—	1	—	3	1	5
Suffocation (Overlying)		—	—	—	—	—	—	—	—	—	—
Other Causes		4	—	—	—	4	—	1	1	—	6
Total		23	4	—	1	28	2	2	4	1	37

Net Births in the Year { Legitimate, 604
Illegitimate, 26

Net Deaths in the Year { Legitimate, 34
Illegitimate, 3

Child Welfare Centres

The work at the infant consultations weighings at the three Welfare Centres has been well maintained during 1939, and the following table shows the number of sessions held, the number of consultations, and the weighings carried out at each of the three Centres:—

	Richmond Street Centre	Enville House Centre	Hurst Centre	Total
Consultations held	43	43	42	128
Attendances at Consultations	927	916	1030	2873
No. of Weighings of Children	2791	3645	3083	9519

Total number of attendances at all Centres during the year:

- (1) By children under 1 year of age 10,230
- (2) By children between the ages of 1 and 5 2,233

Total number of children who attended at the Centres for the first time during the year, and who on the date of their first attendances were:—

- (1) Under 1 year of age 484
Percentage of notified live births
represented by this figure, 78%.
- (2) Between the ages of 1 and 5 years ... 107

Total number of children who attended at the Centres during the year and who, at the end of the year were:—

- (1) Under 1 year of age 356
- (2) Between the ages of 1 and 5 years ... 695

The fact that 78 per cent. of the total notified births are brought to the Welfare Centres is an indication that the work is of value, and appreciated by the parents.

Provision of Dried Milk

During 1939, 20,579 packets of dried milk were sold at the Centres.

9,309 were sold at half price, and 1,589 were provided free in accordance with the income scale adopted.

The net cost to the Council amounted to £390 9s. 8d.

Orthopædic Treatment

Parents are charged for hospital treatment according to means, and each individual case is considered by the Committee. With regard to the Ashton-under-Lyne Maternity and Child Welfare cases, the following table is a summary of the work done during 1939 at the Orthopædic Clinic:—

No. of individual pre-school children attending Clinic	76
„ of attendances at Clinic (pre-school children)	253
„ referred to Manchester Royal Infirmary	8
„ of children recommended to Biddulph for operative treatment	3
„ of Consultant Sessions	11
„ recommended for remedial exercises	5
„ recommended for surgical appliances	123

The three cases referred to Biddulph Hospital for treatment were on account of the following defects:—

Little's Disease	1
Torticollis	1
Torticollis Hemiplegia	1

At the close of 1939 there remained a total of 205 children attending the orthopædic clinic; 74 of these were pre-school children, whilst the remaining 131 were school children.

Artificial Sunlight Clinic

Eighty-seven children made 1,294 attendances.

Child Life Protection

PUBLIC HEALTH ACT, 1936.

Sections 206—220.

- | | | | |
|-----|---|--------|---|
| (a) | Number of persons who were receiving children for reward at the end of the year | ... .. | 6 |
| (b) | Number of children on the register at the end of the year | ... .. | 6 |
| (c) | Number of Child Protection Visitors at the end of the year who were Health Visitors | ... .. | 5 |

Nursing Homes

PUBLIC HEALTH ACT, 1936.

Sections 187—195.

The Lancashire County Council have delegated their powers under the above Act to the Ashton-under-Lyne Borough Council, who are the supervising authority for this purpose.

There are two Nursing Homes registered in the borough at:—

- (1) 24, Villiers Street.
- (2) Lune Villas, Stockport Road.

Housing Statistics

Number of new houses erected during the year:—

(a) Total (including numbers given separately under (b))	
(1) By Local Authority	94
(2) By other Local Authorities	Nil.
(3) By other bodies or persons	53
(b) With State assistance under the Housing Acts:—	
(1) By the Local Authority (included under (a) (1) above)	94
(2) By other bodies or persons (included under (a) (3) above)	Nil.

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)	194
(b) Number of inspections made for the purpose	834
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	194
(b) Number of inspections made for the purpose	834
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	18
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	176

2. Remedy of Defects During the Year Without Service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	56
--	----

3. Action Under Statutory Powers During the Year.

(a) Proceedings under sections 9, 10, 16 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil.
(2) Number of dwelling-houses which were rendered fit after service of formal notices:—	
(a) By owners	Nil.
(b) By Local Authority in default of owners	Nil.

(b) Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	Nil.
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—	
(a) By owners	Nil.
(b) By Local Authority in default of owners	Nil.

(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	12
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	4

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

4. Overcrowding.

- | | |
|---|------|
| (a) (1) Number of dwellings overcrowded at the end of the year | 226 |
| (2) Number of families dwelling therein | 228 |
| (3) Number of persons dwelling therein | 1492 |
| (b) Number of new cases of overcrowding reported during the year | 2 |
| (c) (1) Number of cases of overcrowding relieved during the year | 35 |
| (2) Number of persons concerned in such cases | 227 |

Inspection and Supervision of Food

Bacteriological Examination of Milk.

The following table shows the results of samples taken under this head:—

Sample No.	Type of Milk	Methylene Blue Test.	Coliform Test	Bacteria per c.c.	B.Coli in 1/100 c.c.
1.—T.T.	Satisfactory...	Satisfactory ...	— ... —	
2.—T.T. Certified	...	" ...	" ...	— ... —	
3.—Accredited	" ...	" ...	— ... —	
4.—Pasteurised	...	— ...	— ...	6,850...	Absent
5.—Accredited	...	Satisfactory...	Satisfactory ...	— ... —	
6.—Accredited	...	" ...	" ...	— ... —	
7.—Pasteurised	...	— ...	— ...	5,100...	Absent
8.—"	...	— ...	— ...	6,350...	"
9.—Ordinary	...	— ...	— ...	9,750...	"
10.—Pasteurised	...	— ...	— ...	8,400...	"
11.—"	...	— ...	— ...	8,650...	"
12.—"	...	— ...	— ...	13,300.	Present
13.—"	...	— ...	— ...	17,700...	"
14.—T.T.	...	— ...	— ...	3,100...	Absent
15.—Pasteurised	...	— ...	— ...	2,100...	"
16. Accredited	...	— ...	— ...	2,380...	"
17.—"	...	— ...	— ...	167,000...	"
18.—Pasteurised	...	— ...	— ...	12,400...	"
19.—Accredited	...	— ...	— ...	1,720...	"
20.—T.T. Certified...		— ...	— ...	330...	"
28.—Pasteurised	...	— ...	— ...	12,000...	Present
31.—"	...	— ...	— ...	5,750...	Absent
32.—Pasteurised	...	— ...	— ...	64,000.	Present
33.—T.T.	...	Satisfactory...	Satisfactory ...	— ... —	
34.—Accredited	...	" ...	...Unsatisfactory...	— ... —	
35.—"	...	" ...	" ...	— ... —	
36.—T.T. Certified...		" ...	" ...	— ... —	
41.—T.T.	...	" ...	Satisfactory ...	— ... —	
42.—T.T. Certified...		" ...	" ...	— ... —	
43.—Accredited	...	" ...	" ...	— ... —	
44.—"	...	" ...	" ...	— ... —	
45.—Pasteurised	...	— ...	— ...	20,600...	Absent
46.—"	...	— ...	— ...	42,000...	Present

Thirteen samples of Ice Cream were submitted for bacteriological examination with the following results:—

No. of Sample	Sample.	Probable number of B.Coli per 100 c.c. of sample.
21	Ice Cream	0
22	do.	900,000
23	do.	0
24	do.	14
25	do.	25
26	do.	16,000
27	do.	900,000
29	do.	1,800,000
30	do.	1,600,000
37	do.	1,800,000
38	do.	4,500
39	do.	0
40	do.	900

Prevalence and Control over Infectious Disease

TABLE VI.—Diseases notified during 1939. Their ages and ward distribution.

TABLE VII.—Notifiable diseases, 1900-1939.

TABLE VIII.—Deaths from notifiable diseases, 1900-1939.

TABLE IX.—Deaths and Death Rate from Principal Zymotic Diseases.

Table VII.

NOTIFICATIONS RECEIVED

Year	Smallpox	Diphtheria	Erysipelas	Scarlet Fever	Puerperal Fever	Puerperal Pyrexia	Enteric Fever	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Acute Primary Pneumonia	Ophthalmia Neonatorum	Cerebro-Spinal Meningitis	Acute Poliomyelitis	Encephalitis Lethargica	Dysentery	Totals
1900	5	6	..	114	3	..	58	..	..	..	..	..	..	..	..	186
1901	..	12	..	252	2	..	39	..	..	..	..	..	..	..	..	305
1902	22	21	..	207	5	..	56	..	..	..	..	..	..	..	..	311
1903	150	12	11	52	3	..	43	..	..	..	..	..	..	..	..	271
1904	117	25	33	302	4	..	29	..	..	..	..	..	..	..	..	510
1905	40	12	18	166	3	..	30	..	..	..	..	..	..	..	..	269
1906	119	10	27	97	4	..	19	..	..	..	..	..	..	..	..	276
1907	8	6	27	290	1	..	17	..	..	..	..	..	..	..	..	349
1908	..	14	19	224	1	..	30	..	..	..	..	..	..	..	..	288
1909	..	30	38	261	5	..	54	..	..	..	..	..	..	..	..	388
1910	..	9	30	140	1	..	35	..	..	..	..	..	..	..	..	215
1911	1	29	43	123	1	..	33	91	..	..	7	..	..	..	..	328
1912	..	17	46	41	2	..	32	92	..	..	11	..	1	..	..	242
1913	..	17	25	228	5	..	13	117	26	..	7	..	..	..	..	438
1914	..	20	45	357	1	..	14	102	5	..	1	1	..	..	..	546
1915	..	14	28	147	..	..	11	79	12	..	4	1	..	..	..	296
1916	1	20	23	42	1	..	12	83	18	..	3	..	..	..	..	203
1917	..	15	16	31	3	..	8	54	17	..	5	..	..	..	..	149
1918	..	13	9	36	..	..	6	105	..	..	4	..	..	..	..	173
1919	..	18	19	90	1	..	3	67	15	94	8	2	..	1	3	321
1920	..	25	23	166	5	..	10	88	24	64	8	..	..	4	..	417
1921	..	25	13	71	11	..	9	62	34	87	8	..	..	2	..	322
1922	..	22	16	100	1	..	10	46	45	117	8	2	..	1	..	368
1923	..	13	12	133	7	..	6	53	47	108	8	..	..	3	..	390
1924	77	15	6	141	2	..	7	51	31	67	5	..	..	11	..	413
1925	12	19	13	110	5	..	3	49	36	99	4	..	..	1	..	351
1926	1	16	14	66	3	..	5	66	49	85	6	..	1	3	..	315
1927	..	20	10	80	3	4	2	62	51	72	6	..	..	2	..	312
1928	12	27	21	80	7	2	4	70	36	100	2	..	..	2	..	363
1929	31	19	13	85	3	5	1	67	46	158	3	1	..	1	..	433
1930	99	36	25	359	..	2	3	56	21	61	3	..	..	1	..	666
1931	1	13	16	201	1	4	..	52	38	89	3	3	..	1	..	422
1932	..	22	18	163	..	4	1	42	20	99	..	2	..	..	..	371
1933	..	16	22	73	2	5	..	57	24	136	3	..	..	1	..	339
1934	..	38	19	93	2	4	..	42	22	100	4	1	..	..	..	325
1935	..	63	31	69	1	10	..	57	16	78	9	1	..	2	..	337
1936	..	127	37	179	2	16	1	40	34	85	3	1	..	1	..	526
1937	..	243	25	233	3	22	1	60	30	97	5	1	..	2	5	727
1938	..	225	29	116	..	37	2	44	22	66	5	3	3	..	2	554
1939	...	84	17	59	...	28	...	39	18	67	5	6	1	...	...	324
	696	1388	837	5777	104	143	607	1893	737	1929	148	25	6	39	10	14339

Table VI. BOROUGH OF ASHTON-UNDER-LYNE.—NOTIFIABLE DISEASES

Number of cases of infectious diseases notified, number of deaths from these diseases, number of cases removed to hospital, and deaths in hospital during the year ending 31st December, 1939.

DISEASE	CASES NOTIFIED															Total Cases Notified in each Locality (e.g., Parish or Ward) of the District										Total Deaths	Hospital	
	Total Cases at all Ages	YEARS														1 St. Peter's Ward	2 Port- land Ward	3 Mar- ket Ward	4 Mich- ael's Ward	5 Hurst East Ward	6 Hurst West Ward	7 Lake Hos- pital	8 In- firm- ary	9 Boro' Hos- pital	Total cases removed to Hospital		Deaths in Hospital of persons belonging to district	
		Un- der 1	1—2	2—3	3—4	4—5	5—10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over															
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Diphtheria and Membranous Croup	84	3	—	2	5	3	31	12	9	13	3	2	1	20	5	19	10	13	10	5	2	—	6	72	—			
Erysipelas	17	—	—	—	—	—	—	—	1	6	2	5	3	3	2	3	2	1	1	4	1	—	—	6	—			
Scarlet Fever	59	—	—	6	3	11	18	7	4	8	2	—	—	9	5	16	10	8	9	1	1	—	44	—				
Enteric Fever (including Paratyphoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Puerperal Pyrexia	28	—	—	—	—	—	1	—	2	21	4	—	—	1	1	—	1	3	2	19	1	—	1	—	—			
Cerebro-Spinal Meningitis	6	—	—	2	—	—	2	1	—	1	—	—	—	1	—	1	—	—	—	3	1	—	—	5	—			
Poliomyelitis	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—			
Ophthalmia Neonatorum...	5	5	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	4	—	—	—	—	—			
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Trench Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—			
Acute Primary Pneumonia	58	4	1	1	2	—	1	3	5	11	10	10	10	3	1	5	6	10	8	25	—	—	32	1	—			
Acute Influenzal Pneumonia	9	—	—	—	—	1	1	—	—	3	—	4	—	1	—	2	2	3	1	—	—	—	—	—	—			
Pulmonary Tuberculosis	39	—	—	—	—	—	—	8	21	6	—	2	2	10	6	8	2	2	8	2	1	—	34	—	—			
Other forms of Tuberculosis	18	—	2	—	—	—	3	3	7	—	—	3	—	2	2	4	—	2	5	4	—	—	4	—	—			
Any other Diseases notifiable in district, e.g. : Measles and German Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Whooping Cough	8	1	—	4	—	2	1	—	—	—	—	—	—	—	1	—	—	7	—	—	—	—	—	—	—			
Diarrhoea, etc. (under 2 years)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Chicken Pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Any other disease	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Totals	332	13	3	16	10	17	58	34	49	69	21	26	16	51	23	58	33	49	44	68	7	—	78	129	—			

Table VIII.

DEATHS

Year.	Scarlet Fever	Diphtheria	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Totals.
1900	1	3	80	10	94
1901	8	6	109	12	135
1902	14	5	69	5	93
1903	2	4	65	6	77
1904	9	9	42	4	64
1905	7	4	62	2	75
1906	2	0	67	2	71
1907	14	2	47	2	65
1908	4	5	68	0	77
1909	11	14	78	1	104
1910	2	0	67	1	70
1911	2	5	64	10	81
1912	0	5	60	14	79
1913	13	3	52	10	78
1914	14	4	55	20	93
1915	0	1	59	21	81
1916	1	3	64	12	80
1917	0	5	50	10	65
1918	1	5	66	13	85
1919	1	5	42	12	60
1920	3	3	38	12	56
1921	1	4	40	12	57
1922	2	2	43	12	59
1923	2	1	37	15	55
1924	3	1	30	9	43
1925	0	4	43	14	61
1926	1	2	46	3	52
1927	0	0	38	5	43
1928	1	6	55	7	69
1929	1	2	39	11	53
1930	2	3	36	7	48
1931	0	3	39	8	50
1932	1	2	31	14	48
1933	0	2	37	9	48
1934	0	3	29	5	37
1935	1	5	25	3	34
1936	0	2	30	6	38
1937	1	8	46	5	60
1938	0	14	32	4	50
1939	0	6	34	4	44
	125	161	2014	332	2632

Venereal Disease

Public Health (Venereal Diseases) Regulations, 1916.

The Lancashire County Council, who administer these regulations, have a treatment centre at the Ashton-under-Lyne District Infirmary.

The following shows the work carried out at the Venereal Diseases Clinic at the Ashton-under-Lyne District Infirmary during the year 1939:—

Patients under treatment at 1st January, 1939	165
New cases admitted during 1939	161
Total attendances	3,612
Patients receiving treatment at the end of 1939	105
Pathological examinations	1,455

Of the 161 new cases admitted during the year, 55 were Ashton residents.

Borough of Ashton-under-Lyne

REPORT OF TUBERCULOSIS OFFICER FOR THE YEAR 1939

During the year 1939, 51 notifications of patients suffering from tuberculosis were received. Of these, 37 were notified as suffering from tuberculosis of the lungs, 13 from non-pulmonary tuberculosis, and 1 combined case.

Of the 37 pulmonary cases, 23 were found to have tubercle bacilli in the sputum, 6 had negative sputum, 4 had no sputum, and in 4 cases the sputum was not examined.

Of the combined cases, — were found to have tubercle bacilli in the sputum, — had negative sputum, and 1 had no sputum, and in one case the sputum was not examined.

The 13 non-pulmonary cases are classified as follows:—

Glands 5, hip —, elbow —, abdomen 1, dactylitis —, spine 2, knee 1, epididymis —, meninges 1, genito-urinary —, ribs —, multiple —, ankle 1, skin 1, foot —, skin and glands —, abscesses 1, wrist —, kidney —.

12 of the notified cases died during the year, 10 pulmonary, 2 non-pulmonary (combined).

42 of the cases applied for treatment. In the remaining 9 cases, no application was made for the following reasons:—

Diagnosis not confirmed after examination —, in Union Hospital —, 2 removed from district, 4 died immediately after notification, 3 refused to apply, no action necessary —.

Of the patients who applied for treatment, 12 were sent to sanatoria, 10 to pulmonary hospital, 2 to general hospital, 3 to orthopædic hospital, — to non-pulmonary sanatoria, and 1 to skin hospital. The remaining 14 cases were under dispensary supervision only.

In addition to the notified cases, a number of patients are sent to the Dispensary for diagnosis. During the year, 184 new cases were sent for diagnosis by the doctors, school medical officers, etc.

The number of re-attendances of old patients at the Dispensary for supervision and arrangements for treatment was 853.

Special enquiries are made as to the health of other inmates of the house where there are patients suffering from definite tuberculosis, and 39 of these contacts were examined during the year.

In supervision and visiting, special attention is paid to the open cases, i.e., cases where tubercle bacilli are present or have been found in the sputum. On the 1st January, 1939, there were 88 such cases known to be living in the district. On the 31st December, 1939, there were 82 positive cases living. These figures include quiescent and arrested cases.

21 of the positive cases died during the year.

6 positive cases removed from the district during the year.

The condition as to isolation of the positive cases was as follows:—

Separate room	...	...	...	...	...	...	76
Separate bed	...	...	...	...	...	...	28
Unable to have separate bed	...	...	...	...	...	...	5

41 of the positive cases were in institution for treatment and isolation at some time during the year.

The number of positive cases living at 31st December, 1939, who had tubercle bacilli in the sputum during 1939 was 40. The other 42 had either negative or no sputum.

Of the 40 cases who had tubercle bacilli in the sputum during 1939, 18 had separate rooms, 7 had separate bed, — were unable to have separate bed, and 15 were in institution at the end of the year.

No housing defects were reported during the year.

228 specimens of sputum were examined at the Ashton Laboratory during the year. Of these, 48 were positive and 180 were negative.

During the year 1939, 48 cases were discharged from institution as follows:—

Sanatoria	...	...	...	...	...	...	...	14
Pulmonary Hospital	...	...	...	...	...	...	...	18
General Hospital	...	...	...	...	...	...	...	3
Orthopædic Hospital	...	...	...	...	...	...	...	12
Non-pulmonary Sanatoria	...	...	...	...	...	...	...	1
Skin Hospital	...	...	...	...	...	...	...	—

The results on discharge were as follows:—

Quiescent or arrested	...	...	...	...	...	...	...	14
Improved	...	...	...	...	...	...	...	16
I.s.q.	...	...	...	...	...	...	...	9
Worse	...	...	...	...	...	...	...	—
Died	...	...	...	...	...	...	...	9
Diagnosis not confirmed	...	...	...	...	...	...	...	—

During the year, there were 3 deaths from tuberculosis where the cases had not been notified previously.

GEORGE FLETCHER, M.D.,
Consultant Tuberculosis Officer.

Table IX.

A RETURN SHOWING THE NUMBER OF DEATHS AND DEATH RATE,

From the Principal Zymotic Diseases; also Phthisis and
Respiratory Diseases, from 1929 to 1939 inclusive.

NAMES OF DISEASES	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Enteric	—	2	—	—	—	—	1	—	—	—	—
Malaria	—	—	—	—	—	—	—	—	—	—	—
Measles	1	11	1	6	1	10	—	1	—	3	—
Scarlet Fever	1	2	1	1	—	—	1	—	1	—	—
Whooping Cough ...	14	1	2	1	1	3	—	—	—	4	—
Diphtheria, including Membranous Croup	2	3	3	2	2	3	5	2	8	14	6
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever ...	1	—	2	—	2	3	2	1	—	—	1
Diarrhœa	7	3	1	—	9	4	3	2	5	4	—
Dysentery... ..	—	—	—	—	—	—	—	1	1	—	—
Erysipelas... ..	—	—	—	—	—	—	—	—	—	—	—
Chicken Pox	—	—	—	—	—	—	—	—	—	—	—
Encephalitis Leth. ...	7	3	2	1	1	3	2	3	5	3	1
Cerebro Spinal Fever	—	—	—	—	—	—	1	—	1	—	—
Total Deaths from Zymotic Diseases...	33	25	12	11	16	26	15	10	21	28	8
Death Rate from Zymotic Diseases...	0·6	0·48	0·23	0·21	0·31	0·50	0·30	0·20	0·43	0·5	0·1
Deaths—Phthisis ...	39	36	39	31	37	29	25	30	46	32	34
Rate	0·75	0·69	0·75	0·59	0·73	0·56	0·49	0·60	0·94	0·65	0·7
Deaths from Res- piratory Diseases...	170	72	105	82	117	65	72	78	93	67	55
Rate	3·2	1·39	2·02	1·5	0·2	1·2	1·4	1·5	1·9	1·3	1·1
Deaths from other Causes	623	509	555	573	534	525	595	606	634	561	622
Rate	12·9	9·83	10·7	10·9	10·5	10·1	11·8	12·2	12·9	11·0	12·9
Total Deaths from all causes	865	642	711	697	704	645	705	724	794	688	719
General Death Rate from all causes ...	16·6	12·4	13·7	13·3	13·9	12·8	14·06	14·6	16·2	14·1	14·9

ANNUAL REPORT OF THE CHIEF SANITARY INSPECTOR

For the Year 1939

Details of Inspections Made and Work Carried Out During 1939.

Number of nuisances reported and found	2765
Number of nuisances abated	2598
Preliminary notices and letters served with respect to nuisances	386
Notices sent re infectious diseases	198
Number of cases removed to infectious diseases hospitals	127
Number of houses disinfected	198
Number of articles removed and disinfected	2324
Number of visits to houses re infectious diseases	594
Number of visits to premises re defective and choked W.C.'s, W.W.C.'s, slop sinks, waste and soil pipes	1082
Number of visits under Housing Acts	834
Number of visits to common lodging-houses, furnished rooms and dwelling vans	56
Number of visits to slaughter-houses	1328
Number of visits to cowsheds, milk shops, refreshment houses, ice cream makers and bakehouses	685
Number of visits to factories and workshops	156
Number of visits to offensive trade premises	48
Number of visits re rat infestations	32
Number of visits under the Shops Acts	80
Number of smoke observations taken	81
Number of samples taken under the Food and Drugs Act	92

FACTORIES ACT, 1937.

1. INSPECTIONS for purposes of provisions as to health. Including Inspections made by Sanitary Inspectors.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories with Mechanical Power... ..	65	4	—
Factories without Mechanical Power	81	6	—
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises)... ..	10	—	—
Total	156	10	—

2. DEFECTS FOUND

Particulars (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of Cleanliness (S. 1)	3	3	—	—
Overcrowding (S. 2)	—	—	—	—
Unreasonable Temperature (S. 3)	—	—	—	—
Inadequate Ventilation (S. 4)...	—	—	—	—
Ineffective Drainage of Floors (S. 6)	—	—	—	—
Sanitary { Insufficient	1	1	—	—
Conveniences { Unsuitable or	16	12	—	—
(S. 7) { Defective	1	—	—	—
{ Not Separate	8	8	—	—
{ for Sexes				
Other Offences (Not including offences relating to Home Work or offences under the Sections men- tioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re- enacted in the Third Schedule to the Factories Act, 1937)				
Total	29	24	—	—

Food and Drugs Act, 1938

During the year, ninety-two samples were taken and submitted to the Public Analyst and the following table gives details of the samples taken.

TABLE No. 1

Whisky	9
Milk	50
Cheese	1
Cream Cheese	1
Dried Figs	1
Dried Apricots	1
Pearl Barley	1
Ground Almonds... ..	1
Currants	2
Rum	6
Sultanas... ..	2
Candied Peel	1
Margarine	3
Lard	3
Coffee	2
Shredded Suet	1
Brawn	2
Salmon Paste	1
Sausage... ..	3
Jellied Veal	1
Butter	1

92

The attached table gives details of the samples found upon analysis to have been adulterated.

PARTICULARS OF ADULTERATION

No.	Article	Adulteration or Offence	Remarks
756	New Milk	Deficient in fat 13%	Fined £2 and £1/11/6 Costs

Meat Inspection

TABLE No. 2

**Carcases with all organs condemned as totally unfit
for human consumption.**

Animals.	Tuberculosis.	Accident.	Inflammatory Diseases	Other Conditions
Cows	1	—	—	1
Bullocks	—	—	—	—
Heifers	1	—	—	—
Pigs	14	5	1	—
Sheep	—	10	1	—

Carcases partially condemned as unfit for human consumption.

Animals.	Tuberculosis.	Accident.	Inflammatory Diseases	Other Conditions
Cows	1	—	—	—
Heifers	—	—	—	—
Bullocks	2	2	—	—
Pigs	6	1	1	—
Sheep	—	—	1	—

TABLE No. 3

Various Organs Condemned as Unfit for Human Consumption.

	Heads	Tongues	Lungs	Livers	Stomachs	Hearts	Spleens	Mesenteries	Intestines	Udders	Kidneys	Diaphragms	Omentum.
Tuberculosis:													
Bovines	37	37	20	8	3	7	5	29	6	5	5	—	—
Pigs	260	260	92	86	11	79	29	327	14	—	10	79	—
Inflammatory Diseases:													
Bovines	2	2	7	119	—	—	—	—	—	2	—	—	—
Pigs	2	2	91	37	—	106	6	4	—	—	1	7	—
Sheep	—	—	—	3	—	—	—	—	—	—	—	—	—
Parasitic Diseases:													
Bovines	6	6	13	16	—	—	—	1	—	—	—	—	—
Pigs	—	—	4	5	—	2	2	1	—	—	1	2	—
Sheep	—	—	1	1	—	1	—	—	—	—	—	1	—

The following table gives some idea of the work involved in this particular branch of my department:

No. of visits to slaughter-houses during 1939	...	...	1,328
No. of visits to food premises and markets	...	...	685
No. of carcasses inspected:			
Cattle	...	...	2,409
Sheep and Lambs	...	...	13,723
Pigs	...	...	3,175
Total	...	...	19,307

The total weight of meat and offals destroyed during the year as diseased, unsound and unfit for the food of man was 13,925 lbs., or 6 tons 4 cwts. 1 qr. 9 lbs.

Smoke Abatement

During the year, 81 half-hourly smoke observations were taken of the factory chimneys in the borough, and the result of these was as follows:

- 3 Chimneys emitted black smoke in excess of 2 minutes in 30.
 - 13 Chimneys emitted black smoke less than 2 minutes in 30.
 - 65 Chimneys emitted no black smoke during the observations.
- Warning letters were sent regarding the 3 offending chimneys.

