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ASHTON-IN-MAKERFIELD
URBAN DISTRICT COUNCIL

Annual Report

OF THE

Medical Officer of Health,
1937.

Town Hall,

Ashton-in-Makerfield,

16th May, 1938.

To the Chairman and Members of the Council.

GENTLEMEN,

Presenting my Report for the past year, I beg to state the industrial position in the district has not materially improved and therefore the number of unemployed is very little different from the past few years.

VITAL STATISTICS.

The Report as usual contains the extensive Summary required by the County Medical Officer of Health embracing the year's work of the Sanitary Department.

Population.—The Registrar-General's Estimate of our numbers shows again a reduction rather disconcerting to our future. The return is 19,620 against 19,820 for last year—a reduction of 200.



Birth-rate.—Referring you to Table I, Column 5, in the Report, it shows a slight increase over last year, i.e., 15·3 against 14·3 per 1,000 of the population. It is approximately an average of the last five years. The number registered is 301 comprising 160 males and 141 females. Of these, 4 males and 5 females were illegitimate.

The Births Notification Act is very satisfactorily carried out as I find no slackness on the part of the midwives, etc., in notifying the births attended within the period specified.

Appended is a list of the Notifications during each month of the year showing numbers attended by midwives and doctors.

BIRTHS NOTIFIED FOR the YEAR ENDING DECEMBER 31ST, 1937.

	<i>Still-</i>				
	<i>Total.</i>	<i>Living.</i>	<i>births.</i>	<i>Doctors.</i>	<i>Midwives.</i>
January	15	14	1	5	10
February ...	29	27	2	6	23
March.....	41	40	1	12	29
April	24	23	1	4	20
May	30	30	—	6	24
June	35	32	3	8	27
July	40	39	1	13	27
August	30	25	5	5	25
September...	23	23	—	3	20
October	24	24	—	5	19
November ...	14	13	1	—	14
December ...	20	20	—	1	19
	325	310	15	68	257

Mortality.—Tables III and IV in the Report exhibit the mortality figures in all cases and separately for Infants under one year. Table III is the corrected return of deaths from all causes as classified by the Registrar-General.

In the Summary will be found classified by age incidence deaths from Tuberculosis.

The number of deaths registered in the district is 215 compared with 183 during 1936 and 215 for 1935. Of these 215 five were of non-residents. On the other hand 73 deaths of residents occurred in other districts, i.e., in Hospitals, etc. Therefore the nett deaths were $215 + 73 - 5$ i.e., 283, comprising 161 males and 122 females, making a death-rate of 14'4.

In order that a fair comparison with all other districts in the Country taking into consideration varying age incidence and social differences the Registrar-General multiplies this 14'4 rate by a factor, namely 1'19 called the comparability factor and this raises the nett rate to 17'1 per 1000 of the population.

The Cancer rate while diminished compared with the previous year is still high: 22 deaths from this disease (13 males and 9 females) compared with 29 for 1936.

The Table for Tuberculosis contained in the Summary shows a total of 15 deaths from this disease, the same as 1936.

Appended is the distribution of deaths in the five Wards.

INCIDENCE OF MORTALITY IN THE SEVERAL WARDS.

		<i>Central.</i>	<i>North.</i>	<i>South.</i>	<i>East.</i>	<i>West.</i>
January	30	15	2	3	5	5
February ...	25	11	—	3	3	8
March.....	35	13	3	3	9	7
April	32	11	3	3	12	3
May	21	7	2	3	2	7
June	20	6	2	—	4	8
July	13	2	—	—	5	6
August	18	6	2	2	3	5
September...	20	5	3	—	6	6
October	14	5	1	4	4	—
November ...	24	2	8	4	5	5
December ...	31	7	5	3	10	6
	283	90	31	28	68	66

Infant Mortality.—Table IV shows 21 deaths during infancy, that is during the first twelve months of life. This is an improvement on 1936 when the number was 24. The Infant death-rate equals 69 per 1000 births. The average rate for the past five years was 76. The second page of the Summary and Table I show the varying figures. 13 of these deaths were due to Prematurity, Debility at birth and Malformations. It is hoped that with ante-natal care of mothers, and Infant Welfare at the Clinics many of these losses will be avoided.

Help is given to mothers, expectant mothers and the babies through the Council's Milk Scheme and other necessary nourishments supplemented by grants from the Trustees of the Linen and Woollen Trust and other funds.

In all this Maternity and Child Welfare work I wish to thank the Ladies' Voluntary Committee for their valuable help during the year.

Infectious Diseases.—Table II gives particulars of the Notifiable Diseases showing the age incidence and prevalence in the five Wards. During the year Measles was fairly prevalent but not severely and not so as to warrant school closure. As this disease is not notifiable the only measure of the prevalence was the absenteeism of the schools. Chicken-pox, also not notifiable, was fairly prevalent. With these two exceptions the district did not suffer much from these Diseases as the Table II shows.

Tuberculosis.—There has been a material reduction in the incidence of this disease as Table II and the Table in the Summary show. Number of Respiratory cases notified is 11 comprising 7 males and 4 females. Of this type in 1936 17 were notified—9 males and 8 females. Of the other type 11 were notified during the year—6 males and 5 females compared with 17 for 1936, that is 12 males and 5 females. The deaths for both types number 15—6 males and 9 females. While the number of deaths was the same in 1937 and 1936 I must point out the fact that the deaths must be correlated with previous years' notifications.

Sanitary Circumstances.—The Council has decided upon wholesale conversion from the pail to the water closet and is making conversions to the number of 300 in the present year in the Central Ward.

Arrangements have been made with the Liverpool Corporation for a greatly enlarged supply of water for this purpose. In the Summary will be found the number of conversions already made and the remaining number of pail closets.

Scavenging.—Ashbins are being substituted for ashpits.

Hospital Accommodation.—Details are in the Summary. The Ministry has now approved of the County Scheme for forming a Joint Board with Hindley, Ince, and Billinge with Winstanley for the use of the Council's Infectious Diseases Hospital for cases of Scarlet Fever, Diphtheria and Enteric in the combined area.

Housing.—There is considerable activity still in private building and the Flora Street Housing Scheme comprising over 80 houses is nearing completion. As there are at the present time before the Ministry Clearance Orders embracing 138 houses the Council are preparing Schemes to find accommodation necessary for these demolitions.

The following Table shows the position compared with previous years.

	1933.	1934.	1935.	1936.	1937.
Population	20,230	20,060	20,040	19,820	19,620
Increase or decrease during year	- 220	- 170	- 20	- 220	- 200
No. of inhabited houses ...	4,306	4,436	4,536	4,602	4,688
No. of houses built	33	166	143	111	94
No. of houses closed or demolished	Nil	36	43	45	8

In conclusion I wish to thank the Clerk and the Surveyor, and the Staff in the Sanitary Department for their valuable help during the year.

I remain,

Yours obediently,

HY. WINSTANLEY,

Medical Officer of Health.

TABLE I.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1937 AND PREVIOUS FIVE YEARS.

Year.	1	2	Births.		Total Deaths Registered in the District.		Transferrable Deaths.		Nett Deaths belonging to the District.		
			Un-corrected Number.	Nett.	Number.	Rate.	of Non-residents registered in the District.	Deaths registered in the District.	Under 1 year of age, Number.	Rate per 1,000 Net Births.	At all Ages, Number, Rate
1932...	...	20,450	325	333	200	9.7	11	63	23	69.0	252 12.3
1933...	...	20,230	298	306	206	10.1	—	63	33	107.0	269 13.2
1934...	...	20,060	293	302	154	7.6	6	68	15	49.0	216 10.7
1935...	...	20,040	270	301	215	10.7	3	65	22	73.0	277 13.8
1936...	...	19,820	279	285	188	8.9	5	72	24	84.0	255 12.8
1937...	...	19,620	283	301	215	10.9	5	73	21	69.0	283 14.4

TABLE II.

CASES OF INFECTIOUS DISEASES NOTIFIED DURING 1937.

At all Ages.	Under 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 35.	35 to 45.	45 to 55.	55 to 65.	65 and Up- wards.	Wards.				Removed to W. Hospital.	
															C.	N.	S.	E.		
Scarlet Fever.....	13	-	-	1	1	10	1	-	-	-	-	-	-	-	4	3	1	2	3	13
Diphtheria	7	-	1	-	1	2	2	1	-	-	-	-	-	-	2	1	-	3	1	7
Erysipelas	4	-	-	-	-	-	-	-	-	-	-	1	1	2	3	-	-	1	-	-
Pneumonia	46	4	5	4	4	3	5	5	1	1	1	5	2	5	9	1	13	11	12	-
Puerpl. Pyrexia...	5	-	-	-	-	-	-	1	2	2	-	-	-	-	2	-	-	2	1	-
Cerebro-spinal Fvr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ophthalmia Neon.	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Paratyphoid	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	2	2
Carried forward...	79	5	5	5	5	19	8	4	3	3	1	6	3	7	21	5	14	19	20	23

TABLE II.—Continued.

CASES OF INFECTIOUS DISEASES NOTIFIED DURING 1937.

At all Ages	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and Up- wards	Wards					
															C	N	S	E	W	
Brought forw'd ...	79	5	5	5	5	19	8	4	3	3	1	6	3	7	21	5	14	19	20	
Pulmonary T.B.—																				
Males	7	-	-	-	-	-	-	-	1	2	3	-	1	-	2	1	-	1	3	
Females ...	4	-	-	-	-	-	1	-	1	1	-	1	-	-	-	-	1	3	-	
Non-Pul. T.B.—																				
Males	6	-	-	1	-	-	3	-	-	-	-	1	1	-	2	-	-	1	3	
Females ...	5	-	-	-	1	-	-	1	2	1	-	-	-	-	1	1	1	-	2	
Totals	101	5	5	6	6	5	19	12	5	7	7	4	8	5	7	26	7	16	24	28

TABLE III.

33. 03.

S.D. 30.

CAUSES OF DEATH IN ASHTON-IN-MAKERFIELD U.D. 1937.

CAUSES OF DEATH.							M.	F.
ALL CAUSES	...	...	...	...	...	...	161	122
1 Typhoid and paratyphoid fevers	...	...	...	...	...	...	—	—
2 Measles	...	...	...	...	...	...	—	—
3 Scarlet fever	...	...	...	...	...	...	—	—
4 Whooping cough	...	...	...	...	...	...	—	2
5 Diphtheria	...	...	...	...	...	...	1	—
6 Influenza	...	...	...	...	...	...	10	9
7 Encephalitis lethargica	...	...	...	...	...	...	—	—
8 Cerebro-spinal fever	...	...	...	...	...	...	—	—
9 Tuberculosis of respiratory system	...	...	...	...	...	...	3	4
10 Other tuberculous diseases	...	...	...	...	...	...	3	5
11 Syphilis	...	...	...	...	...	...	—	—
12 General paralysis of the insane, tabes dorsalis	...	...	...	...	...	...	—	—
13 Cancer, malignant disease	...	...	...	...	...	...	13	9
14 Diabetes	...	...	...	...	...	...	4	1
15 Cerebral hæmorrhage, &c.	...	...	...	...	...	...	10	4
16 Heart disease	...	...	...	...	...	...	29	24
17 Aneurism	...	...	...	...	...	...	1	—
18 Other circulatory diseases	...	...	...	...	...	...	7	3

TABLE III—*Continued.*

CAUSES OF DEATH.							M.	F.
19	Bronchitis	...	...	...	...	...	8	6
20	Pneumonia (all forms)	...	...	...	...	...	18	4
21	Other respiratory diseases	...	...	...	...	...	1	—
22	Peptic ulcer	...	...	...	...	...	1	—
23	Diarrhœa (under 2 years)	...	...	...	...	...	—	3
24	Appendicitis	...	...	...	...	...	1	—
25	Cirrhosis of Liver	...	...	...	...	...	—	—
26	Other Liver Diseases	...	...	...	...	...	—	2
27	Other digestive diseases	...	...	...	...	...	3	2
28	Acute and chronic nephritis	...	...	...	...	...	7	6
29	Puerperal sepsis	...	...	...	...	...	—	1
30	Other puerperal causes	...	...	...	...	...	—	1
31	Congenital debility, premature birth, malformations, etc.	...	...	...	...	...	10	3
32	Senility	...	...	...	...	...	7	12
33	Suicide	...	...	...	...	...	2	1
34	Other violence	...	...	...	...	...	11	6
35	Other defined diseases	...	...	...	...	...	8	9
36	Causes ill-defined or unknown	...	...	...	...	...	3	4
POPULATION							19,620	

GENERAL REGISTER OFFICE,

SOMERSET HOUSE, LONDON, W.C.2.

April 1938.

TABLE IV.

INFANT MORTALITY DURING THE YEAR 1937.

Nett Deaths from stated Causes at various Ages under 1 Year of Age.

CAUSE OF DEATH.	Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
Bronchitis	-	-	-	-	-	-	-	1	-	1
Whooping Cough	-	-	-	-	-	-	-	1	-	1
Pneumonia	-	-	-	-	-	-	-	2	-	2
Premature Birth, Con. Debility ...	7	3	1	1	12	1	-	-	-	13
Other causes	-	-	-	-	-	2	-	-	2	4
Totals	7	3	1	1	12	3	-	4	2	21

HEALTH VISITOR'S REPORT.

HEALTH DEPARTMENT,

TOWN HALL,

31st December, 1937.

To the Medical Officer of Health.

SIR,

I beg to submit to you the following report from January to December, 1937.

<i>Births Notified</i> ...	Live births...310	Doctors... 68
	Still births ... 15	Midwives.257
	Total ...325	325

Home Visits:—

Primary	...	...	...	...	...	325
Under 1 year	...	...	...	...	...	2010
1 to 5 years	...	...	...	...	...	3121
Ante-natal visits	...	...	...	...	...	364
Infant Mortality Visits	...	...	...	...	...	22
Special Visits to Midwives...	...	...	...	...	...	257
Workshops, etc.	...	...	...	...	...	—
Treatment of eyes	...	...	...	...	...	10
Maternal deaths	...	...	...	...	...	1
					Total...	6110

Infant Mortality Visits:—

Legitimate...	...	19	Illegitimate	...	2
---------------	-----	----	--------------	-----	---

Method of Feeding:—

Not fed	...	...	...	...	...	2
Natural	...	...	...	...	...	12
Artificial	...	...	...	...	...	6
Mixed diet	...	...	...	...	...	2

Infant Welfare Centre:—

No. of times Centre was opened	...	...	44
No. of attendances	...	...	3096
New infants joining	...	...	270

Ante-Natal Clinic:—

No. of times Clinic was opened	...	...	27
No. of attendances	...	...	569
New mothers joining	...	...	163

Dried Milk Supplied Free during year ended 31st Dec., 1937 cost £122/14/8

Dried Milk Sold during year. Amount realized...£297/6/0

Infants supplied with new and used clothing 28

Loans of maternity bedding 2

Thanks are due to the Ladies of the Clinic for the cutting out and sewing of garments, and for the collection of used garments.

I am, Sir,

Yours faithfully,

H. POPE,

Health Visitor.

SANITARY INSPECTOR'S REPORT.

HEALTH DEPARTMENT,

TOWN HALL,

ASHTON-IN-MAKERFIELD,

March, 1938.

To the Medical Officer of Health.

SIR,

I beg to submit the following report showing the work dealt with during the year ending 31st December, 1937 :—

Houses and premises inspected and visited <i>re</i> nuisances						
and complaints	...	...	...	...	...	639
Nuisances discovered	...	...	...	...	...	1525
„ abated	...	...	...	...	...	1508
Re-visits to nuisances	...	...	...	...	...	2195
Visits <i>re</i> infectious disease	...	...	...	...	...	73
„ slaughter-houses	...	...	...	...	...	22
„ bakehouses	...	...	...	...	...	57
„ premises where food is in preparation or exposed						
for sale	...	...	...	...	...	338
„ factories and workshops	...	...	...	...	...	117
„ Housing Regulations	...	...	...	...	...	329
Other visits	...	...	...	...	...	20
Notices issued (preliminary)	...	...	...	...	...	191
„ (statutory)	...	...	...	...	...	41
Letters	...	...	...	...	...	129

DESCRIPTION OF NUISANCES DEALT WITH.

Defective and damp walls ...	...	...	...	...	215
„ roofs ...	...	...	...	...	156
„ eaves and downspouts ...	...	...	...	...	130
„ floors ...	...	...	...	...	101
„ slopstones ...	...	...	...	...	34
„ wastepipes ...	...	...	...	...	38
„ plasterwork ...	...	...	...	...	175
„ windows and doors ...	...	...	...	...	233
„ paving in yards and passages ...	...	...	...	...	93
„ setting around gullies ...	...	...	...	...	4
„ ventilating pipes ...	...	...	...	...	8
Houses or parts requiring cleansing ...	...	...	...	...	44
Want of eaves and downspouts ...	...	...	...	...	1
Workshops requiring limewashing ...	...	...	...	...	16
Accumulation of refuse ...	...	...	...	...	7
Overcrowding ...	...	...	...	...	3
Miscellaneous ...	...	...	...	...	25
Defective firegrates ...	...	...	...	...	67
„ drains ...	...	...	...	...	21
„ staircases ...	...	...	...	...	48
„ chimneys ...	...	...	...	...	30
Insufficient light and ventilation ...	...	...	...	...	68
Defective dustbins ...	...	...	...	...	8
					1525

SLAUGHTER-HOUSES.

The number of premises under this heading remains the same as last year, namely one. Twenty two visits have been made.

Slaughtering has taken place less frequently than in previous years as most of the meat supplied in the town comes ready dressed from other districts chiefly Wigan and Liverpool.

SLAUGHTER OF ANIMALS ACT, 1933.

Five persons made application for the renewal of licences to slaughter animals under the above Act. In each case the licence was granted.

PUBLIC HEALTH MEAT REGULATIONS.

During the year 338 visits have been made to shops and premises for the purpose of seeing that the regulations are observed. In one instance it was necessary to call attention to the requirements of the regulations and this had the desired effect.

The number of animals killed and examined during the year is as follows :—

<i>Animals.</i>	<i>Total No. Slaughtered.</i>	<i>No. found to be affected with Tuberculosis.</i>
Cattle	8	3 or 37·5%
Pigs	112	3 or 2·6%

Food condemned :—

	lbs.
Tuberculous carcasses or parts ...	127
Other meat ...	12
Four turkeys ...	52
One bag of cockles ...	—
Total ...	191

HOUSING ACTS.

Number of houses inspected under the Housing Regula-					
tions, 1925:—	...	...	...	...	122
„ defective and damp walls	...	...	...	...	105
Number of defective roofs ...					
„ „ eaves and downspouts	...	...	...	...	67
„ „ floors ...	...	...	...	...	54
„ „ slopstones	...	...	...	...	14
„ „ wastepipes	...	...	...	...	15
„ „ plasterwork	...	...	...	...	76
„ „ windows and doors	...	...	...	...	117
„ „ paving in yards and passages	...	...	...	...	65
„ „ setting around gullies	...	...	...	...	1
„ „ ventilating pipes	...	...	...	...	—
„ „ firegrates	...	...	...	...	27
„ „ staircases	...	...	...	...	39
„ „ chimneys	...	...	...	...	5
„ houses or parts requiring cleansing	...	...	...	...	23
Miscellaneous	...	...	...	...	17
Insufficient light and ventilation	...	...	...	...	40

The following houses have been inspected in company with the Medical Officer, and reported unfit for human habitation :—

152, 154, 156 and 158 Golborne Road.

57 Golborne Road.

3 Gas Street.

661 Wigan Road.

Five of these houses have been demolished and two put out of use for human habitation.

HOUSING ACT (OVERCROWDING PROVISIONS), 1936.

Whilst it is difficult to keep a check on the movement of persons from overcrowded houses every effort is made to keep the records up-to-date and the position as ascertained up to the end of the year is as follows:—

(a) No. of dwellings overcrowded at the end of the year	186
„ families dwelling therein	300
„ persons dwelling therein	1759
(b) No. of new cases reported during the year	3
„ cases of overcrowding relieved during the year	29
„ persons concerned in such cases	118

FACTORIES AND WORKSHOPS ACTS.

Number of Factories and Workshops on Register	... 108
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		<i>Written</i>		
		<i>Inspections.</i>	<i>Notices.</i>	<i>Prosecutions.</i>
Factories...	...	42	Nil.	Nil.
Workshops	...	68	Nil.	Nil.
Workplaces	...	7	Nil.	Nil.
		117	Nil.	Nil.

DEFECTS FOUND.

			<i>Found.</i>	<i>Remedied.</i>
Want of cleanliness	...	...	9	9
Other nuisances	...	...	1	1
			10	10

REGISTERED PREMISES.

Dressmakers and milliners	...	...	...	...	...	14
Bakers and confectioners	...	...	...	...	...	28
Painters and plumbers	...	...	...	...	...	3
Joiners and builders	...	...	...	...	...	7
Shoeing smiths	...	...	...	...	...	2
Wheelwrights	...	...	...	...	...	1
Saddlers	...	...	...	...	...	1
Motor and cycle repairers	...	...	...	...	...	6
Lock and hinge manufacturers	...	...	...	...	...	5
Laundries	...	...	...	...	...	2
Printers	...	...	...	...	...	1
Cabinet makers	...	...	...	...	...	4
Ice cream manufacturers	...	...	...	...	...	2
Mineral water manufacturers and bottlers	...	...	...	...	...	2
Sausage makers	...	...	...	...	...	5
Monumental masons	...	...	...	...	...	1
Electricity generating	...	...	...	...	...	1
Cotton weavers and manufacturers	...	...	...	...	...	1
Boot, shoe, and clog repairers	...	...	...	...	...	17
Gasworks	...	...	...	...	...	1
Electricians	...	...	...	...	...	1
Saw mills	...	...	...	...	...	2
Contractors	...	...	...	...	...	1

OTHER MATTERS.

Matters notified to H.M. Inspector of Factories	...	Nil
Notified by H.M. Inspector	...	Nil
Reports (of action taken) sent by H.M. Inspector	...	Nil

INFECTIOUS DISEASES (PREVENTION) ACT.

No. of visits to houses <i>re</i> infectious disease	...	...	...	...	...	73
„ houses disinfected	...	...	...	...	...	94
„ rooms	„	...	...	...	...	148
„ beds	„	...	...	...	...	29
„ articles	„	...	...	...	...	238
„ houses or parts cleansed after infectious disease	...	...	...	...	...	7

I am, Yours obediently,

T. WHITTER,

Sanitary Inspector and Meat Inspector.

1.—STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres: 6,265.17 Population—Census, 1931: 20,760 Registrar-General's estimated resident population, 1937: 19,620

Number of inhabited houses (a) Census 1931: 4,233 (b) End of 1937 according to Rate Books:

Rateable value: £71,077

Sum represented by a penny rate: £246

Social conditions, including the chief industries carried on in the area: An industrial area depending chiefly on coal mining. One weaving shed. Lock and hinge making, etc., confined to one large firm. Agriculture is a fairly large feature.

Extent of unemployment: Has varied little for some years.

The influence of any particular occupation on public health: Nothing noticeable.

VITAL STATISTICS.

	Total.	Male.	Female.
Live Births...Legitimate	...	292	136
			Birth Rate per 1000 : e. r. p. 15·3.
Illegitimate	...	9	5
Total	...	301	141
Still Births	...	17	7
			Rate per 1,000 Total Births : 53
Deaths	...	283	122
			Death Rate per 1000 : *14·4
			Estimated resident population.

Deaths from Puerperal causes—

	Deaths.	Death Rate per 1,000 Total (live and still) Births.
Puerperal sepsis ...	1	—
Other puerperal causes ...	1	—
Total ...	2	6.28

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

All infants per 1,000 live births: 69

Legitimate infants per 1,000 legitimate live births: 65

Illegitimate infants per 1,000 illegitimate live births: 222

Deaths from Cancer (all ages): 22

" " Measles (all ages); Nil

" " Whooping Cough (all ages): 2

" " Diarrhoea (under 2 years of age): 3

PER 1,000 OF ESTIMATED POPULATION.

Maternal Mortality Rate.

	Live Birth-rate	Death-rate from			Per 1,000 Live Births	Per 1,000 (Live and Still) Births	Rate of Deaths under 1 year per 1,000 Live Births
		Crude Death-rate	Tuberculosis of Respiratory System	Death-rate from Cancer			
Population -19,620.							
Mean of 5 years, 1932-1936	... 15.1	12.5	0.38	1.05	5.88	5.58	76
Year—							
1936	... 14.3	12.8	0.55	1.46	7.01	6.71	84
1937	... 15.3	*14.4	0.35	1.12	6.64	6.28	69
Increase or Decrease in 1937 on—							
5 years' average, 1932-1936	... -0.2	-1.90	-0.03	-0.07	-0.76	-0.70	-7
Previous year	... -1.0	-1.60	-0.20	-0.34	-0.37	-0.43	-15

*1937 adjusted death-rate (comparability factor 1.19) = 17.1 per 1,000.

Particulars of any unusual or excessive mortality during the year which has received or required comment: Nothing calling for investigation.

Any causes of sickness or invalidity which have been specially noteworthy in the area during the year: Nil.

Any conditions of occupation or environment which appear to have had a prejudicial effect on health: Nil.

Any evidence, statistical or otherwise, that unemployment has exercised any significant influence on the health or physique of children or adults: Nothing calling for special report.

2.—GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health : Henry Winstanley.

Remuneration (including bonus, if any) as M.O.H. at 31/12/1937 : £200.

Is he a whole or part-time Officer of the Local Authority? Part-time. Any other public appointments held by him : Yes. Medical Superintendent of Infectious Diseases Hospital and M.O. Child Welfare Centre.

Is he in private practice? No.

Sanitary Inspector(s) :

Name.	Remuneration (including bonus, if any) as Sanitary Inspector at 31/12/1937	Whole or part-time as San. Insp. (if any)	Other appointments held Cleansing Supt.
David Gamble (Senior) to 31st October.	£311	Whole	—
Thomas Whitter	£315	Whole	—

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Veterinary Inspector : (any appointment or arrangement by Local Authority). Called in when necessary.

Remuneration (state whether salary, or fees, and amount) : —

Are his duties entirely in connection with action under the Tuberculosis Order, 1925? —

If not, what other duties does he perform for the local authority? —

Does he make a routine examination of every herd in the district? — If so, how often? —

If occasional inspection only is carried out, under what circumstances do these inspections take place (e.g., at the request of M.O.H., etc.)? Yes, at the request of M.O.H.

Any other Specialized Inspector(s) (*e.g.*, Food Inspector)? T. Whitter, Sanitary Inspector.

Remuneration (including Bonus, if any) at 31/12/1937 (See above). Is he a whole or part-time officer? —

Other Public Health Officers, such as Assistant Medical Officer of Health, Health Visitors Special Nurses, Dental Surgeon, etc. (If any, state number and remuneration): One Obstetric Specialist with fortnightly Clinics. 3½ guineas a session. Two Health Visitors, £214/0/0 and £236 plus uniform and cycle allowance.

Ambulance facilities for :—	Motor or Horse :	Provided by :
(a) Infectious cases.	Motor.	U.D.C.
(b) Non-infectious and accident cases.	Motor.	U.D.C.
(c) Maternity patients	Motor.	U.D.C.
Professional Nursing in the Home.		
Nature of arrangements made by the local authority in the District for—	District Nurse employed by Linen and Woollen Charity with additional help when necessary.	
(a) General Nursing.	Works in conjunction with M.O.H.	
(b) Nursing of Infectious Diseases, <i>e.g.</i> , Measles, &c.	Help from District Nurses.	
Total amount of financial assistance given by local authority to voluntary associations.	Varies: 2/6 per visit by District Nurses.	

Treatment Centres and Clinics (including Clinics solely for diagnosis and consultation):	Address of Centre	Day and time open
Is there in your district:—	Nil	
Maternity and Child Welfare Centre (Consultation and Treatment).		
Ante-natal Clinic	Congregational School, Gerard Street	Weekly: Thurs., 2 to 4 p.m.
Day Nursery	County School Clinic Inst., Old Road	Alternate Weds. 3 to 5 p.m.
School Clinic	Nil	
Orthopaedic Clinic	Not Authority for Elementary Education	
Artificial Light Clinic	Nil	
Hospitals in the district—		
(a) Public	Infectious Diseases Hospital	
(b) Voluntary	Nil	

Is there any institutional provision in your area for:—

Unmarried mothers: No Illegitimate infants: No Homeless children: No

3.—SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply—	Own Waterworks and Liverpool Corporation.
Authority from which supply obtained.	Council's own Works, with an additional supply up to 300,000 gallons per day from Liverpool's Rivington Works.
Source of supply.	Nil
Particulars of any <i>new</i> sources of public supply.	(a) in quality: Yes (b) in quantity: Yes
Is supply of district satisfactory?	Constant.
Constant or intermittent.	(a) Direct from mains: 4,688 (b) By stand pipe: 4
Approx. No. of dwelling-houses with piped supplies (public and private).	Slight from agricultural land.
Possibilities of contamination.	Nil
Action taken in respect of any form of contamination	No
Any liability to plumbo-solvent action.	If so, number of examinations? Two. Result: Satisfactory.
If piped supply, state if water has been controlled by Bacteriological examn.	Chemical analyses. Results: Satisfactory.
Approx. No. of dwelling-houses supplied from wells, springs, streams, etc.	Nil
Have these waters been analysed during the year? If so, state result.	No
Any insufficiency, and where.	No
Nature of extensions (if any) during the year.	Nil

Drainage and Sewerage—	Chemical and Bacterial
Sewage Disposal Works, method of treatment.	
Any extension or improvement during the year, with regard to works or sewerage system.	No
Any progress made in improving character and sufficiency of arrangements for drainage.	—
Areas, or Townships, without proper drainage system, and reason therefor.	No
Action taken—Drain Testing, Flushing, &c.	As required
Rivers and Streams—	
Action taken to check the pollution of rivers and streams.	Nil save caution
Sources and nature of pollution.	Slack was hings
Have any new works, been established (such as artificial silk works cheese manufactories, etc.), and is there any resultant river pollution?	No

Closet Accommodation at end of 1937 :—

Privy Middens :—No. of Middens : Nil. No. of Closets attached to these Middens : Nil.

Does this system still exist in populous and closely built centres? No.

No. of Pail Closets : 3385 No. of Dry Ashpits (*excluding Middens*) : 2642

No. of houses on Water Carriage system : 1617 No. of Movable Ashbins : 1830

No. of Fresh Water Closets : 1598 No. of Waste Water Closets : 19

Conversions—

During year 1937 During Five Years 1932-1936

No. of Privy Closets { To Fresh W.C.'s ... Nil
 { To Waste W.C.'s ... Nil
 { To Pails, etc. ... Nil

No. of Pail Closets { To Fresh W.C.'s ... 174
 { To Waste W.C.'s ... Nil

No. of Waste W.C.'s to Fresh W.C.'s ... Nil

No. of Houses at which Movable Ashbins have

been substituted for fixed receptacles ... 80 492

Is there any definite policy at the present time for abolishing privy middens and pail closets? Yes.
 Council has by resolution decided upon complete conversion from pail to w.c.

Does Council contribute towards the cost of conversion? Yes. If so, how much? £2 per closet.

What kind of closet accommodation is being provided for *new* property? Fresh W.C.'s.

Public Cleansing—

(a) The method of collecting dry house refuse.	By horse and motor vehicles
(b) The method of collecting refuse from earth closets and privies.	Pails are collected by covered vans
(c) The method of disposing of dry house refuse.	By controlled tipping in depressions
(d) The method of disposing of refuse from earth closets and privies.	Pails contents are mixed with fine ashes and sold to farms
(e) The method of cleansing cesspools.	No cesspools
(f) Arrangements for the disposal of cesspool contents.	Nil
If a destructor provided, state situation.	None
State whether public cleansing is carried out by Sanitary Authority, Contract, or occupiers of houses?	By Sanitary Authority
Any extension or improvement during the year in the arrangements?	Nil
Are Motor Vehicles used?	Yes Motor and horse vehicles
If Privy Middens exist, are they emptied by day or night?	None exists
Does the Sanitary Inspector supervise the scavenging?	—

Sanitary Inspections during 1937—	
No. of premises visited.	639
Defects or nuisances.	No. discovered : 1525
No. of Notices served.	Informal : 191
Legal proceedings.	No. : Nil
	No. abated : 1508
	Statutory : 41
	Result : —
<hr/>	
Shops—	
Particulars of any action taken under provisions of Shops Act, 1934, relating to :	
(a) Ventilation of Shops	Instructions are given when found necessary. No definite temperature fixed. Separate conveniences for sexes insisted upon.
(b) Temperature of Shops	
(c) Sanitary Conveniences	
<hr/>	
Smoke Abatement—	
Any special action taken with regard to smoke abatement :	No
No. of factory and works chimneys in the district :	17
No. of Observations : Nil	No. of Legal Proceedings taken and result : Nil
Particulars of any co-operative action with industry —	
What is the time limit allowed for the emission of black smoke per hour?	8 minutes per hour.
<hr/>	
Swimming Baths and Pools—	
Brief particulars of any :	
(a) Public Swimming Baths or Pools	Nil
(b) Privately-owned Swimming Baths or Pools open to public	Nil
Any action taken to ensure the satisfactory condition of the water ?	—

Eradication of bed bugs—

Particulars of action taken during 1937—

No. of houses found to be infested ... (a) Council houses; 4 (b) Other houses; 4

No. of houses disinfested ... (a) Council houses; 4 (b) Other houses; 4

Methods employed for freeing infested houses from bed bugs.

Fumigation and spraying

Methods employed for ensuring that the belongings of tenants are free from vermin before removal to council houses.

Fumigation

Is work of disinfestation carried out by local authority or by a contractor?

Local Authority

Measures taken by way of supervision or education of tenants to prevent infestation or re-infestation after cleansing.

Nil

Schools—	These are inspected by County Education Authority			
(a) Sanitary condition	Public supply			Satisfactory? Yes
(b) Water supply	No. : Nil	Character : —	Action taken : Nil	Action required : Nil
Offensive Trades	Date of bye-laws : —	—	Are they adequate? Yes	—
Workshops and Workplaces	No. on register : 117	—	What is their condition? Good	—
Common Lodging-houses	Number on register : Nil	—	What is their condition? —	—
	Action taken : —	—	Action required : —	—
	Date of byelaws : —	—	Are they adequate? —	—
Houses let in Lodgings	No. on register : Nil	—	What is their condition? —	—
	Action taken : —	—	Action required : —	—
	Date of bye-laws : 19th June, 1903	—	Are they adequate? Yes	—
Tents, Vans, Sheds, etc.	Action taken : Nil	—	Action required : Nil	—
	Date of bye-laws : —	—	Are they adequate? —	—
Underground Sleeping Rooms	Any need for Regulations? No	—	—	—
Canal Boats	Number Inspected : Nil	No. of Infringements of Acts : Nil	—	—
Rag Flock Acts, 1911 and 1928—	No. of premises in district on which rag flock is manufactured, used or sold : Nil			
	No. of inspections : —	No. of samples taken : —	Results : —	—
Notable Sanitary Improvements during 1937.	Nil.			
	There has been arranged for an increased water supply from Liverpool Corporation to meet the needs of conversion of pails to w.c's.			
Chief Sanitary Requirements of District.	Additional Slum Clearance and making up of back streets.			

4.—HOUSING.

(a) STATISTICS.

Number of new houses erected during the year :—

(a) Total [including numbers given separately under (b)]	...	...	...	...	...	94
i By the local authority	...	...	...	...	...	Nil
ii By other local authorities	...	...	...	...	...	Nil
iii By other bodies or persons	...	...	...	...	...	94
(b) With State assistance under the Housing Acts—						
i By the local authority [included under (a) (i) above]	...	...	...	...	...	Nil
ii By other bodies or persons [included under (a) (iii) 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)	...	...	...	...	...	522
(b) Number of inspections made for the purpose	...	...	...	...	...	1530
(2) (a) No. of dwelling-houses [included under sub-head (1) above] which were inspected and recorded under the Housing Consolidated Regulations, 1925...	...	...	...	...	...	122
(b) Number of inspections made for the purpose	...	...	...	...	...	329
(3) No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	...	...	...	...	...	7
(4) No. 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	...	...	...	...	...	415

2. *Sufficiency of supply of houses.*

- (a) Extent of shortage (if any) : This is being overcome by new housing Schemes in preparation.
- (b) Particulars of any housing scheme in hand or contemplated : 80 houses in course of building and preparation of sites and plans for approximately 140 more.
- (c) Information as to any important changes in population during the period under review or anticipated in the future : As the mines are worked out there will be a serious diminution.
- (d) Any special difficulties in the way of providing suitable sites for new houses : No.

3. *Overcrowding.*

- (a) Number of cases of overcrowding in houses owned by the local authority which have been relieved during 1937 : 1.
- (b) Number of cases of overcrowding which have been relieved in the course of slum clearance operations : Nil.
- (c) Particulars of any cases in which dwelling-houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding : Nil.
- (d) Any other particulars with respect to overcrowding, *e.g.*, causes—how far it is due to inability to pay the rents of available houses, etc. : Frequently inability to pay rents.

4. *Fitness of houses.*

- (a) Difficulties found in action under the Public Health Acts or under the Housing Acts : Nil.

(b) Number of houses which have not an adequate internal water supply : Nil.

(c) Number of houses which have no separate water closet or other adequate sanitary accommodation : Nil.

5. *Action taken during the year regarding :—*

Clearance Areas : No. of areas represented : 29; comprising 135 houses.

No. of areas cleared: —; comprising — houses.

No. of new houses built to rehouse displaced tenants : —

Improvement Areas : No. of areas represented: Nil; comprising : — houses.

No. of houses demolished: Nil. No. of tenants displaced : —

No. of new houses built to rehouse displaced tenants : —

5.—INSPECTION AND SUPERVISION OF FOOD.

(1) Milk Supply.—Action taken with regard to—

The administration of The Milk and Dairies (Consolidation) Act, 1915, The Milk and Dairies (Amendment) Act, 1922, and The Milk and Dairies Order, 1926 : Inspections have been made by the M.O.H. and the Senior Sanitary Inspector. Samples have been taken by the Inspector and sent to Manchester University Laboratories.

The Milk (Special Designations) Order, 1936—

No. of Dealers' licences (including supplementary licences) issued by the local authority during 1937 in respect of :

“Tuberculin Tested” milk :

(i) Bottling, Nil

(ii) Distribution, Nil

“Accredited” milk :

(i) Bottling, Nil

(ii) Distribution, Nil

No. of licences issued in respect of “Pasteurised” Milk :

Pasteurising Plants : 1. Retail Distributors : 2.

Method used for the pasteurisation of milk (“flash” or “holding”) : “Holding”

Any refusal or revocation of registration of retailers or of licences for graded milk, with reasons for the refusal or revocation : No.

Dairies, Cowsheds, and Milkshops—

Are they periodically inspected ?

Yes.

How often ? At least half-yearly.

What is their condition ? Good.

Has any owner undertaken (voluntarily) structural alterations or improvements to farm buildings, *e.g.*,
remodelling of cow-sheds ? (Give brief particulars) : No.

Any information as to the cost of the work, actual or estimated, £ No.

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Farms.

No. of dairy farms : 37. Approximate number of cows in the district : 453

Cowkeepers.

No. of cowkeepers (including the dairy farms) : 37.

No. of inspections during the year : Several.

Dairymen or Purveyors of Milk (other
than Cowkeepers).

No. of dairymen or milk purveyors : 5
(other than cowkeepers).

If a Veterinary Inspector has been appointed give (a) the approximate number of cows inspected and (b) the number found to be suffering from tuberculosis

(a) — (b) —

Action taken by local authority as to—

(i) Tuberculous Milk.

No. of Samples submitted for biological test.

(ii) Bacteriological examinations.

(iii) Sediment tests.

The County Authority undertakes this work.

— Result.—Positive: — Negative: —

Standard adopted—Not more than — bacteria per c.c. No B. Coli in — c.c.

No. of samples: 34 No. satisfactory: 31 No. unsatisfactory: 3

No. of samples: — No. satisfactory: — No. unsatisfactory: —

(2) Meat and other foods.—Observations on—

(a) Action taken with regard to meat and other foods, including inspection of meat, slaughterhouses, shops, stalls and vehicles, and places where food is prepared: Carcases inspected immediately after slaughter, diseased meat condemned and destroyed; shops and premises inspected and kept under observation.

Number of legal proceedings and result: Nil.

(3) Adulteration, etc.— Action taken by <i>Local Authority</i> (if they are a Food and Drugs Authority) in respect of—	Nil.
(i) Food and Drugs (Adulteration) Act, 1928.	Nil.
(ii) Other Food Acts or Regulations.	—
If the Council is an Authority under the Food and Drugs Acts, give name of laboratory at which analyses are carried out.	—
(4) Chemical and bacteriological examination of food (excluding milk)— Number and nature of analyses during the year, and the laboratories to which specimens were sent.	Nil
(5) Nutrition— Steps taken to increase knowledge of public on the subject and to bring to their minds the importance of adequate nutrition, especially for children, by means of lectures, films, etc. Particulars of any special investigation which has been made on the subject of nutrition.	Two lectures with lantern slides Nil

(6) Shell-fish (*Molluscan*)—

(a) Particulars of any shell-fish beds or layings in the district.

(b) Specify the kinds of shell-fish.

(c) Are the layings liable to pollution?

(d) Action under—

(i) Public Health (Shell-fish) Regulations, 1934.

(ii) Public Health (Cleansing of (Shell-fish) Act, 1932.

(e) Give any available information as to—

(i) the places to which the shell-fish taken from layings in the district are sent to be marketed.

(ii) the layings from which shell-fish (specifying the kinds of shell-fish) which are marketed in the district are derived.

6.—PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

Hospital Accommodation provided or available :—

For Smallpox: Nil	No. of beds : —	Where situate : —
Is the hospital used by "agreement" or "arrangement"? (State nature thereof) :		
Are any retaining fees paid? —	If so, what sum, or sums? —	
Or, if a joint hospital, is the district a constituent authority? —		

For other Infectious Diseases : Yes No. of beds : 36

Where situate : Bryn Road

Is the hospital used by "agreement" or "arrangement."? (State nature thereof) : Agreement with Billinge, dealing with Scarlet Fever, Diphtheria, and Enteric.

Are any retaining fees paid? Yes If so, what sum or sums? £50 per annum

Or, if a joint hospital, is the district a constituent authority? No

Are Patients required to contribute towards cost of treatment? No If so, how much? —

Cost of hospital treatment for infectious disease. The *total* cost to the local authority for two recent years :

Year ended March 31st, 1935—£2992	Year ended March 31st, 1936—£3066
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Observations as to sufficiency or otherwise of the available accommodation : Sufficient

Has any action been taken or advised with the object of securing that the hospital accommodation available is utilised to the best advantage? Negotiations going on with the L.A.'s of Hindley and Ince.

Has action been taken to shorten the period of stay of uncomplicated cases of scarlet fever? Yes
or to replace hospital treatment in suitable instances by nursing and supervision at home? No

Have any new methods been adopted for the selection of individual cases for which admission to hospital
is most imperative? No
or any new decision as to the admission of cases of diseases such as measles or whooping cough? No

Infectious diseases generally:—

Review briefly the prevalence of notifiable infectious diseases during the year 1937, and give any noteworthy
facts as to the source or spread of infection: Nothing noteworthy: see list of Notifiable Diseases.

Give the clinical type and diffusion of:

(a) Diphtheria: Pharyngeal—not confined to any particular Ward.

(b) Cerebro-spinal fever: —

Notes on the supply and prompt use of:

(a) Diphtheria anti-toxin: Well-maintained stock and free use of it.

(b) Anti-meningococcus serum? —

Are supplies readily available? Yes.

If so, where kept? Bryn Road Hospital.

Are any other vaccines or sera supplied free to Medical Practitioners? Yes.

Any observed relation between various forms of streptococcal infection (scarlet fever, sore throat occurring without a
rash, and puerperal fever): No.

Influenza.—Observations on any special inquiries undertaken in connection with epidemics : Nil.

Pneumonia, malaria and dysentery.—Experience in regard to these diseases : Nil.

Other diseases which have received special attention, *e.g.*, locally contracted anthrax, epidemic jaundice, rheumatic fever, undulant fever, glandular fever, or psittacosis? Nil.

If any of the following diseases are compulsorily notifiable in your district, state for what period (see Table)—

Measles : No. Whooping Cough : No. Diarrhoea (under 2 years) : No. Chicken-pox : No.

Any others : — Observations : —

Any local action taken in regard to the use of measles serum for prophylaxis or attenuation? No.

Discovery of and action taken in regard to (*a*) contacts, (*b*) return cases, (*c*) carrier cases (specify disease) : Careful investigation whenever necessary.

The extent to which school intimations of disease are utilised : These are duly checked against notifications.

Pathological and Bacteriological Examinations—At which laboratory are specimens examined? Royal Albert Edward Infirmary, Wigan.

State number and nature of specimens examined in 1937 :—

Mainly throat swabs in cases of sore throats, 60 specimens. 6 blood specimens for Widal; and some T.B. suspects.

No. of times School Closure adopted during 1937 for—

Scarlet Fever :	Nil.	Whooping Cough :	Nil.	Diphtheria :	Nil.	Chicken-pox :	Nil.	Measles :	Nil
Influenza :	One.	Any other diseases (specify same) :	Nil.						

No. of Reports made during 1937 under Article 17 (7) of Sanitary Officers (Outside London) Regulations, 1935* : Nil
Subjects of Reports : Nil.

* Article 17 (7) requires copies of these Reports to be forwarded to the County Medical Officer of Health.

Immunisation.—Specify any action taken to provide artificial immunisation against diphtheria and/or scarlet fever :

(a) In hospitals, residential institutions or schools : No.

(b) At special clinics or day schools : No.

(c) Otherwise than (a) or (b) : No, save offer to Medical Practitioners to supply material.

Is immunisation material supplied free to medical practitioners ? Yes if called for,

No. of children inoculated—Against (a) scarlet fever : Nil. (b) diphtheria : Nil.

Have any post-Schick tests been undertaken ? No. If so, number : —

NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR 1937.

" NOTIFIABLE " DISEASES.	TOTAL CASES NOTIFIED.																	HOSPITAL.	
	Total Cases at all Ages.	YEARS.																Total Deaths removed to Hospital from the district.	Total Deaths in Hospital of persons belonging to district.
		1 Under 1.*	2.	3.	4.	5.	10.	15.	20.	35.	45.	65. over.	65. over.	Total Deaths.					
Scarlet Fever ...	13	-	-	-	1	1	10	1	-	-	-	-	-	-	13	-	-		
Diphtheria (including membranous croup ...	7	-	-	1	-	1	2	2	1	-	-	-	-	-	7	2	-		
Enteric fever (including paratyphoid) ...	3	-	-	-	-	-	2	-	1	-	-	-	-	-	3	-	-		
Acute Primary Pneumonia	46	4	5	4	4	3	5	5	1	2	1	7	5	-	-	-	-		
Acute Influenza "																			
Puerperal Fever ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	2	-	-		
Puerperal Pyrexia ...	5	-	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-		
Cerebro-spinal fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Acute poliomyelitis...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Acute polio-encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ophthalmia neonatorum	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Erysipelas ...	4	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-		
Totals ...	79	5	5	5	5	5	19	8	4	6	1	9	7	-	25	2	-		

* Deaths classified together as puerperal sepsis.

Disinfection after infectious disease :—

No. of Houses disinfected during 1937 : 94. Method (state disinfectant used) : Sulphur and Formalide.

Are Houses disinfected after (a) Pulmonary Tuberculosis : Yes. (b) Measles : No.

†Apparatus used for Clothing, Bedding, &c. (steam or otherwise) : Steam. No. of Articles disinfected: 264

Where is Apparatus situated ? The Hospital, Bryn Road.

†If Apparatus at Hospital is available, is it used for the disinfection of Clothing, Bedding, &c. of Patients not removed to the Hospital ? Yes.

If not, please state how disinfection of Clothing, &c., in these cases is carried out : —

Disinfection :—

What arrangements exist for the disinfection of verminous, etc., persons ? A building at the Hospital.

In how many instances has this been undertaken ? 8

The prevalence of any animal or insect pests such as rats, bugs, fleas, mosquitoes, etc., should be referred to and particulars given of the measures taken for their suppression : Nil.

Cancer.—Any observations as to the prevalence of cancer ? No.

Particulars of any action taken to impart to the public information regarding cancer (*i.e.*, facilities available, etc.): No.

Particulars of any alteration, improvements or other developments in the availability of facilities for the diagnosis and treatment of cancer in the area which have been effected during the year (whether by local authority or voluntary hospitals) : No.

Are the present facilities adequate ? Doubtful.

If not, give particulars of any action considered necessary to remedy deficiencies : —

Is any use made of facilities provided by National Radium Centres ? Only through the Medical Practitioners.

Any local investigation or action undertaken on the lines suggested in the series of Ministry's circulars on cancer? No.

Prevention of Blindness.—Action taken (if any) under section 66 of the Public Health Act, 1925, or section 176 of the Public Health Act, 1936, for the prevention of blindness or for the treatment of persons suffering from any disease or injury to the eyes : Nil.

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1937.*

Age—Periods. Years.	*NEW CASES.				DEATHS			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—	—	—	—	—	—	—	—	—
1—	—	—	1	1	—	—	—	—
5—	—	—	—	—	—	—	—	1
10—	—	1	3	—	—	2	—	—
15—	—	—	—	1	—	2	1	1
20—	1	1	—	2	1	—	—	—
25—	2	1	—	1	—	—	—	2
35—	3	—	—	—	1	—	2	—
45—	—	1	1	—	—	—	—	—
55—	1	—	1	—	—	—	—	—
65 and upwards	—	—	—	—	1	—	—	1
Totals	7	4	6	5	3	4	3	5
	11		11		7		8	

*All *primary* notifications should be included, and also any other *new* cases of tuberculosis coming to the knowledge of the

Medical Officer of Health during the year.

†What is the ratio of non-notified tuberculosis deaths to total tuberculosis deaths? o/x

In your opinion, is the notification of tuberculosis in your district efficient? Yes.

Has any action been taken in cases of wilful neglect or refusal to notify? No.

Is there any evidence of excessive incidence of, or mortality from, tuberculosis in any particular occupation in the district? No.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

Any action taken under these Regulations relating to tuberculous employees in the milk trade—

Under Articles 3, 5, 6, and 7: No action taken.

PUBLIC HEALTH ACTS, 1925 AND 1936.

Any action taken under Section 62, Public Health Act, 1925, or section 172, Public Health Act, 1936: Nil

If so, No. of applications for Orders for compulsory removal to hospital: —

No. of cases in which Orders were granted: — Observations: —

7.—MATERNITY AND CHILD WELFARE.

- (1) Is the Maternity and Child Welfare work carried out by the *local* authority or by the County Council? Local Authority.

Where the Local Health Authority carry out a Maternity and Child Welfare scheme the following questions should be answered.

- (2) The general arrangements made for attending to the health of expectant and nursing mothers and of children under five years of age, including the work of health visitors, nurses, etc.: The Health Visitors work in close association with the Midwives, District Nurse and School Nurses, and this with their visits to the homes keeps them in contact with all phases of the work.

- (3) Has a specialist ante-natal clinic been established? Yes.

If so:

Number of women who attended during the year: 163

Total number of attendances: 569

Are post-natal examinations undertaken? A few.

If so:

Number of women who attended during the year: —

Total number of attendances: —

Name of Medical Officer conducting the above clinic: Dr. J. Scott.

Name of Consultant to whom cases are referred: Dr. J. Scott.

If a specialist ante-natal clinic has *not* been established, give details of any ante-natal work carried out: —

(4) Give names of maternity homes, hospitals and other institutions available for the reception of expectant and nursing mothers and young children:

(a) Maternity:	Billinge P.A.C. Infirmary.	Number of beds:	Variable.
	Wigan Infirmary.		do.
(b) Children:	Wigan Infirmary.		do.
	Billinge Infirmary.		do.

(5) Are the hospital arrangements for ante-natal and post-natal conditions (excluding puerperal pyrexia) adequate? No

(6) Arrangements for Flying Squads: Nil.

(7) The arrangements for—

(a) Home helps: Nil.

(b) The supply of food and milk for expectant and nursing mothers and of milk for infants: Yes, under a scheme adopted by the Council.

(8) The arrangements for orthopædic treatment in areas in which such treatment is provided for children under 5 years of age. (*If any Institution available, give name, etc.*): Wigan Infirmary.

(9) What arrangements have been made under the Public Health (Puerperal Fever and Puerperal Pyrexia) Regulations, 1926, for:



Consultants: Dr. J. Scott, Bolton.
 Bacteriological examinations: Wigan Infirmary.
 Hospital treatment: Wigan Infirmary.
 Provision of nurses: Yes.

(10) What arrangements have been made under the Public Health (Ophthalmia Neonatorum) Regulations, 1926 for :—

Hospital treatment: Wigan Infirmary.
 Provision of nurses: Yes.

(11) Ophthalmia Neonatorum.—Details should be given in the following table of *each* case of ophthalmia neonatorum notified in your district during 1937.

Number Notified.	Cases.		Treated.		Vision		Total	
	At Home.	In Hospital.	At Home.	In Hospital.	Unimpaired.	Impaired.	Blindness.	Deaths.
1	Yes	—	—	—	Yes	—	—	—

(12) Child Life Protection (under Part I of the Children Act, 1908, as amended by the Children and Young Persons Act, 1932). Action taken: Nil.

13th February, 1938.

(Signed), HY. WINSTANLEY,
 Medical Officer of Health.