[Report 1907] / Medical Officer of Health, Bury (Union) R.D.C.

Contributors

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MEDICAL OFFICER'S REPORT

For 1907.

Population at Census, 1901 - - -	8,088
Estimated Population to middle of 1907 .	8,450
Area of District in Statute Acres -	12,014

To the Rural District Council of Bury,

Mr. Chairman and Gentlemen,

I beg to submit my Annual Report to you on the Health and Sanitary condition of the District for the year 1907.

Birth Rate.—I regret to have to record a considerable decrease in the Birth Rate for this year as compared with 1906, it being only 18·3 per 1000 persons living as against 21 in 1906. During 1907 there were 157 births registered, of which 74 were males and 83 were females. This is the lowest Birth Rate ever recorded, the previous lowest was in 1901 when it was 18·8.

The average rate for the five years 1903-1907 is 20 per 1000 persons living.

There were five illegitimate births registered during the year, which is at the rate of 3·1 per cent. of the total births.

Crude Death Rate.—The total number of deaths registered in the district during the year was 118, of which 62 were males and 56 were females. This gives a crude death rate of 13·9 per 1000 per annum, which is 1·4 per 1000 higher than in 1906.

Corrected Death Rate.—In addition to these 118 deaths there were 8 other deaths of persons usually resident in this district, which occurred in Public Institutions in other districts, making altogether 126 deaths of residents and giving a corrected death rate of 14·9 per 1000 persons living. There is again an increase compared with the previous year when it was 13·4.

The average Death Rate for the five years 1903-1907 is 13 9 per 1000.

The following table shows the particulars for the various Localities in the district.

Locality.	Area in Statute Acres.	Population.		Births.			Birth rate per 1,000	Deaths.		Death rate per 1,000
		Census 1901.	Estimated Middle, 1906.	Males	Females	Illegitimate		Males	Females	
Ainsworth	1460	1718	1796	15	19	1	18·9	14	12	14·4
Birtle-cum-Bamford	2410	1447	1490	10	13	2	15·4	13	16	19·4
Outwood	1938	1514	1641	29	18	0	28·6	15	11	15·8
Unsworth	3067	2698	2786	11	26	1	13·2	19	14	11·8
Walmersley-cum-Shuttleworth	3139	711	737	9	7	1	21·7	6	6	16·2
Total.....	12014	8088	8450	74	83	5	18·3	67	59	14·9

Infantile Mortality.—I have to report a considerable decrease in the Infantile Mortality. During the year 16 deaths of infants under one year old have been registered, this is equal to a death rate of 101·9 per 1000 births registered, compared with 136 per 1000 in 1906. The decrease is more real than is apparent owing to the abnormally low birth rate. The average rate for the five years 1903-1907 is 124·2

The illegitimate births registered number 5, and no deaths under one year of age have occurred in illegitimate children.

These 16 deaths occurred at the following ages: 5 under one month; 3 between 1 and 3 months; 2 between 3 and 6 months; 3 between 6 and 9 months; and 3 between 9 and 12 months. The causes of death were 1 from Measles; 1 from Whooping Cough; 4 from Congenital Defects; 1 from Marasmus; 2 from Tubercular Diseases; 1 from Erysipelas; and 5 from Respiratory Diseases. No deaths have occurred from Diarrhoea or from any Digestive Disorder. Doubtless the cool damp summer has contributed to this.

Mortality under Five years of age.—26 out of the total deaths have occurred among children under 5 years old, being at the rate of 20·6 per cent. of the total deaths, as compared with 27·3 per cent. in 1906.

Mortality over Sixty-five years of age.—There were 37 deaths of persons over 65 years old, this gives a rate of 29·3 per cent. of the total deaths compared with 24·7 in 1906.

Zymotic Death Rate.—Zymotic diseases caused 14 deaths during the year, viz.: 7 from Measles, 3 from Scarlatina, 1 from Diphtheria, 2 from Whooping Cough, and 1 from Erysipelas, giving a rate of 1·6 per 1000 persons living or 11·1 per cent. of the total deaths.

Phthisis and other Tubercular Diseases have caused 9 deaths, giving a death rate of 1·06 per 1000 or 7·1 per cent. of the total deaths. This is a slightly lower rate than last year.

Cancer and other Malignant Diseases have been the cause of 6 deaths, which is 0·71 per 1000 persons living or 4·7 per cent. of the total deaths.

Diseases of the Respiratory Organs have caused 22 deaths during the year, being at the rate of 2·6 per 1000 persons living or 17·4 per cent. of the total deaths.

Notification of Infectious Diseases.—Only 19 cases have been notified during the year. These all took place during the first three-quarters, the last quarter being free from any notifiable disease. In 1906 there were 45 cases notified. The following table shows the distribution in the various localities.

Locality.	Diphtheria	Scarlatina	Erysipelas.	Enteric Fever.	Smallpox.	Total.
Ainsworth	1	2	1	—	—	4
Birtle-cum-Bamford	2	2	—	—	—	4
Outwood.....	—	1	1	1	—	3
Unsworth	2	5	1	—	—	8
Walmersley-cum-Shuttleworth	—	—	—	—	—	—
Total.....	5	10	3	1	—	19

Three cases of Scarlatina were removed to the Florence Nightingale Hospital, viz.: 2 from Birtle-cum-Bamford, and 1 from Unsworth. This is in the proportion of 1 removal to 6·3 cases notified.

Epidemics of Measles occurred among the scholars attending Ringley Schools in May, and Ainsworth School in July, and of Whooping Cough at Hollins in October. In each instance it was necessary to advise the closure of the school affected. The effect was beneficial.

Water Supply.—The main part of the district is supplied by the Bury and District Joint Water Board, but Ainsworth is supplied by the Bolton Corporation, and Bamford by the Heywood and Middleton Water Board. Most of the farms and the outlying parts of the district have private supplies. There have been a few complaints from these latter, which either have been remedied or are receiving attention.

Drainage.—The scheme at Prestolee still acts satisfactorily but owing to the continued increase of that district an extension will soon be necessary. Arrangements have been made for the treatment of part of the Ainsworth Sewage by the Bolton Corporation. A second Local Government Board Inquiry with regard to the suggested schemes of Bamford and Parrs has been held and I hope these will be proceeded with soon. It is intended to make arrangements for the better treatment of the sewage at Hollins and Bottom-o'th'-fields, Outwood.

The Farms have been inspected in the usual routine manner and have been found in a fairly satisfactory condition as to the sanitary arrangements and cleanliness of the shippons. Improvements have been carried out at 12 farms during the year and in 11 other instances alterations are in contemplation.

The Register of Dairymen, Cowkeepers, and Milk-sellers has been kept up to date, there being now 107 in the district, 11 have been registered this year.

Factory and Workshop Act.—The usual inspections have been carried out and both factories and workshops have been found in good condition. There are now 35 factories and 22 workshops in the district. They are situated in the various localities as follows :

Locality.	Ainsworth	Birtle-cum-Bamford	Outwood	Unsworth	Walmersley-cum-Shuttleworth	Total
Factories	11	5	5	9	5	35
Workshops	6	5	1	9	1	22
Total	17	10	6	18	6	57

The factories consist of 3 spinning mills, 6 cotton weaving sheds, 1 woollen mill, 2 fulling mills, 5 dyeworks, 2 calico printworks, 2 wheelwright shops, 2 joiners' shops, 1 terra-cotta and brickworks, 6 bleachworks, 1 engineers' shop, 3 quarries, and 1 firelighters' shop.

The workshops this year number 22, an increase of 2 compared with last year. They consist of 3 dressmakers, 1 barber, 10 clog and shoe makers, 1 undertaker, 2 painters, 2 breweries, 1 tripe dresser, 1 bakehouse, and 1 plumber.

Three complaints have been received from His Majesty's Inspector of Factories. These referred to the means of escape in the event of fire. In two instances satisfactory alterations have been made and in the other case the matter is being attended to.

I have to report that there are still no outworkers in the district.

At the end of this Report is the Annual Report of the Inspector of Nuisances, and the various Tables required by the Local Government Board and the Home Office.

I beg to remain, Mr. Chairman and Gentlemen,

Your obedient servant,

JAMES W. COOK, M.B.

Medical Officer of Health.

March 4th, 1908.

SANITARY INSPECTOR'S REPORT.

UNION OFFICES,
PARSONS LANE,
BURY.

To the Rural District Council of Bury,

MR. CHAIRMAN AND GENTLEMEN,

I beg to lay before you my Annual Report for the year ending December 31st, 1907.

Table of Nuisances, &c., from Jan. 1st to Dec. 31st, 1907.	Ainsworth	Birtle-cum-Bamford	Outwood	Unsworth	Walmersley cum-Shuttleworth	TOTAL
No. of Journeys made to each District	46	55	64	58	20	243
,, Visits and Inspections made in each District	184	240	211	203	68	906
,, Notices sent (Legal or Preliminary).....	24	9	20	21	3	77
,, Notices sent to Schools re Infectious Cases	4	1	3	8	—	16
,, Notifications received and reported upon to the M. O. H.....	4	4	3	8	—	19
,, Rooms disinfected & cleansed (schools included)	8	6	4	10	—	28
,, Factories & Workshops Inspected (Act 1901)	17	10	6	18	6	57
,, Dairies and Cowsheds inspected	27	39	17	35	19	137
,, Dairymen, Cowkeepers & Purvyrs. of milk reg	22	35	9	23	18	107
,, ,, ,, ,, this year ,,	1	5	—	2	3	11
,, Houses provided with New Spouting and re-flagged yards..	3	3	11	4	2	23
,, ,, ,, New Closets and Ashpits, Workshops included	2	3	3	5	—	13
,, Sink Drains trapped, disconnected, or ventilated.....	10	16	7	13	—	46
,, Slop Waste Pipes disconnected or repaired..	6	8	3	14	3	34
,, Other Nuisances dealt with, Privy and Ash-pits included.....	18	8	24	16	8	74
,, Nuisances abated	39	38	48	52	13	190
,, ,, receiving owners or occupiers' attention	10	8	20	9	7	54
Total No. of Houses, &c. visited and insanitary particulars recorded.....	49	46	68	61	20	244

Diaries and Cowsheds.

Periodical inspections have been made to induce the respective occupiers to keep the cowsheds &c. in conformity with the requirements of the Regulations, with very fair success. Expectations have been realized re improvements belonging to the Farmsteads, as during the year a New Botha, Piggeries, Tanks, Loose Boxes, Middensteads and Drains, as well as improvements made to water supply, light, ventilation and air-space to the cowsheds, and more improvements are contemplated to eleven others. Eleven Dairymen and cowkeepers have been registered this year, bringing the total for the whole district to one hundred and seven.

Factories and Workshops.

During the year 3 complaints have been made by H.M. Inspector of Factories re insufficient means of escape in case of fire. Smoke observations have been taken, and a new chimney and modern appliances re smoke abatement have been put up at one works, and more boiler room to two others. I have to report that the factories and workshops numbering fifty seven, are kept in a good condition as to sanitary matters in general.

House Dwellings.

The Disinfecting and cleansing &c. of rooms, after being occupied, with any infectious case, (which only numbered nineteen during the year) have had the usual attention. Among the nuisances abated are the re-constructing of Closets and Ashpits, Drains, Yards, Spouting and Slop Waste Pipes: and the Water Supply has been considerably improved to fifteen houses.

Yours obediently,

HENRY HURST,

Inspector.

INSTITUTIONS.

I Institutions within the District receiving sick and infirm persons from outside the District.	II Institutions outside the District receiving sick and infirm persons from the District.	III Other Institutions, the deaths in which have been distributed among the several localities in the District.
Bury and District Joint Hospital Board's Smallpox Hospital, Ainsworth.	Union Workhouse, Bury. The Dispensary Hospital Bury. Bury and District Joint Hospital Board's Infectious Diseases Hospital, Bury.	
Is the Union Workhouse within the District?		No.

TABLE I.

BURY RURAL DISTRICT.

Vital Statistics of Whole District, 1907, and previous Years.

Year	Population estimated to Middle of each Year	Births		Total Deaths registered in the District				Deaths in Public Institutions in the district	Deaths of Non-residents registered in Public Institutions in the District	Deaths of residents registered in Public Institutions beyond the District	Deaths at all Ages Nett	
				Under 1 year of age		At all ages						
		Number	Rate *	Number	Rate per 1,000 births registered	Number	Rate *				Number	Rate *
1	2	3	4	5	6	7	8	9	10	11	12	13
Old Districts.												
1897	14693	342	23·2	43	125	200	13·6					
1898	14844	360	24·2	45	125	209	14					
New Districts.												
1899	8283	198	23·9	23	116·1	120	14·6					
1900	8130	168	20·6	23	136·9	117	14·2					
1901	8103	153	18·8	22	143·7	96	11·8					

1903	8200	178	21·7	23	129·2	126	15·3	7	7	5	124	15·1
1904	8259	159	19·2	25	157·2	102	12·3	4	4	10	108	13·0
1905	8320	166	19·9	16	96·3	105	12·6	1	1	6	110	13·2
1906	8380	176	21	23	136·6	105	12·5			8	113	13·4
Averages for years 1899-1906	8226	172	20·8	22	135	109	13·2	2·6	3·1	5·3	Average for 6 years 1901-1906 108·5	13·1
1907	8450	157	18·3	16	101·9	118	13·9			8	126	14·9

* Rates calculated per 1,000 of estimated population.

Note.—The deaths to be included in column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in column 12 are the number in column 7, corrected by the subtraction of the number in column 10 and the addition of the number in column 11.

By the term "Non-residents" is meant persons brought into the district on account of illness, and dying there; and by the term "Residents" is meant persons wdo have been taken out of the district on account of illness, and have died elsewhere.

Area of District in acres (exclusive of area covered by Water) 12014

Total population at all ages,	8088	At Census of 1901.
Number of inhabited houses,	1771	
Average number of persons per house,	4·6	

T

BURY RUR

Vital Statistics of separate Lo

Names of Localities.	1 THE WHOLE DISTRICT.				2 AINSWORTH & ELTON Now AINSWORTH.				3 Heap, Ashworth, & Birtl Now BIRTLE-c-BAM		
Year	Population estimated to middle of each Year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each Year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each Year	Births registered	Deaths at all ages
	a	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*
Old Districts.											
1897 ...	14693	342	200	43	1948	51	28	4	1929	23	21
1898 ...	14844	360	209	45	1955	46	39	13	1946	31	14
New Districts											
1899 ...	8283	198	120	23	1846	46	31	10	1527	22	19
1900 ...	8130	168	117	23	1800	35	17	6	1500	29	16
1901 ...	8103	153	96	22	1716	20	25	7	1449	28	15
1902 ...	8133	175	106	27	1725	49	27	9	1456	33	21
1903 ...	8200	178	124	23	1744	42	21	6	1467	37	28
1904 ...	8259	159	108	25	1766	27	13	7	1473	34	26
1905 ...	8320	166	110	16	1770	38	23	2	1476	22	22
1906 ...	8380	176	113	23	1791	32	32	5	1482	34	20
Averages of Years 1899 to 1906	8226	171	112	22	1769	36	23	7	1478	32	21
1907 ...	8450	157	126	16	1796	34	26	4	1490	23	29

Notes—(*a*) The separate localities adopted for this table should be areas of which the populations are obta
(*b*) Deaths of residents occurring beyond the district are to be included in sub-columns *c* of the ts
(*c*) Deaths of residents occurring in public institutions whether within or without District are to

L DISTRICT.

es in 1907 and previous years.

4 PILKINGTON-c-PILSWORTH Now OUTWOOD.				5 PILKINGTON-c-PILSWORTH Now UNSWORTH.				6 WALMERSLEY-cum-SHUTTLEWORTH.			
Population estimated to middle of each Year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each Year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each Year	Births registered	Deaths at all ages	Deaths under 1 year
a	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*
3869	115	67	17	...	...	...	...	922	16	12	3
3917	105	67	14	...	...	...	...	929	15	8	3
1417	49	29	7	2615	63	32	5	878	18	9	0
1490	39	38	6	2640	56	35	7	700	9	11	2
1520	38	24	6	2703	51	21	5	715	16	11	0
1523	32	23	6	2718	52	30	4	711	9	5	3
1541	37	30	6	2734	49	39	8	714	13	6	1
1562	32	21	3	2741	56	37	8	717	10	11	1
1587	43	22	4	2763	47	32	4	724	16	11	3
1601	41	11	4	2779	57	42	9	727	12	6	0
1530	39	24	5	2711	54	33	6	735	13	9	1
1641	47	26	5	2786	37	33	3	737	16	12	1

om the census returns, such as wards, parishes or groups of parishes, or registration sub-districts.
those of non-residents registered in the district excluded.
ed to the respective localities, according to addresses of the deceased.

TABI

BURY RURA

Cases of Infectious Diseases n

Notifiable Disease	At all ages	Cases notified in whole District					
		At ages ‡—Years					
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 a upw
Small-pox							
Cholera							
Diphtheria	5			3	1	1	
Membranous croup							
Erysipelas	3	1			1	1	
Scarlet fever ...	10		2	7		1	
Typhus fever ..							
Enteric fever ..	1			1			
Relapsing fever ...							
Continued fever . .							
Puerperal fever ...							
Totals	19	1	2	11	2	3	

The localities adopted for this table should be the same as those in Tables II and IV.

‡ These age columns for notification should be filled up in all cases where the Medical

Isolation Hospital : Joint Hospital, Deardens,

DISTRICT

d during the year 1907.

Total cases notified in each Locality					No. of cases removed to Hospital from each Locality					
1	2	3	4	5	1	2	3	4	5	6
worth.	Birtle-cum-Bamford.	Outwood.	Unsworth.	Walmersley cum-Shuttlewrth	Ainsworth	Birtle-cum Bamford	Outwood	Unsworth	Walmersley cum-Shuttlewth.	TOTAL.
1	2		2							
1		1	1							
2	2	1	5			2		1		3
		1								
4	4	3	8			2		1		3

f Health, by inquiry or otherwise, has obtained the necessary information.

mallpox Hospital, Broomfield, Ainsworth,

TABLE IV.

BURY RURAL DISTRICT

Causes of, and age at Death during year 1907.

Causes of Death	All Ages	Deaths at the subjoined ages of residents whether occurring in or beyond the District						Deaths at all ages of 'residents' belonging to Localities, whether occurring in or beyond the District					Total Deaths whether of residents or non residents in Public Institutions in the District
		Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Ainsworth	Birtle-cum-Bamford	Ontwood	Unsworth	Walmersley cum Shuttlewrth	
Small-pox													
Measles	7	1	5	1				3		3	1		
Scarlet fever	3		1	2					2		1		
Whooping-cough ..	2	1	1								1	1	
Diphtheria and membranous croup	1			1							1		
Croup													
Fever — Typhus ..													
Fever — Enteric ..													
Fever — Other continued													
Epidemic influenza ..													
Cholera													
Plague													
Diarrhœa ..													
Enteritis ..													
Puerperal fever ..													

Phthisis	6			1		5		2		1	2	1	
Other tubercular disease	3	2	1					1	2				
Cancer, malignant disease	6				1		5	1	1		1	3	
Bronchitis	16	5	2			4	5	2	3	6	5		
Pneumonia	6	1			2	3			2	2	2		
Pleurisy													
Other diseases of Respiratory organs ..													
Alcoholism Cirrhosis of liver ..	3					3		1	1		1		
Premature birth ..													
Diseases and accidents of parturition													
Heart diseases	14					8	6	2	5		6	1	
Accidents	8			2	1	5				4	3	1	
Suicides..	1					1				1			
Meningitis	1			1								1	
Congential Debility ..	4	4						3		1			
Convulsions ..													
All other causes ..	44	1		2		20	21	10	13	8	9	4	
All causes ..	126	16	10	10	4	49	37	26	29	26	33	12	

The deaths of residents occurring beyond the limits of the district are to be included in this table, and deaths of non-residents occurring in the district are to be excluded.

Deaths of residents occurring in public institutions are to be allotted to the respective localities according to the addresses of the deceased as given by the Registrars, and, in addition, to be classified under "Public Institutions."

In recording the facts under the various headings I, II, III, IV, & V, attention has been given to the notes on the Tables.

TABLE V.

BURY RURAL DISTRICT.

INFANTILE MORTALITY during the year 1907.

Deaths from stated Causes in Weeks and Months under 1 year of age.

Cause of Death	Under 1 week	2-3 weeks	Total under 1 month	1-2 months	2-3 months	3-4 months	4-5 months	6-7 months	8-9 months	9-10 months	10-11 months	11-12 months	Total deaths under 1 year
All causes—Certified ...													
Measles										1			1
Diarrhœa													
Whooping Cough						1							1
Congenital Defects... ...	3		3		1								4
Tuberculous Meningitis ...										1			1
Tuberculous Peritonitis ...								1					1
Marasmus							1						1
Erysipelas		1	1										3
Bronchitis	1		1	2				1			1		5
Pneumonia									1				1
	4	1	5	2	1	1	1	2	1	2	1		16

Population estimated to middle of 1907, 8450.

Births in the year : Legitimate 152, Illegitimate 5.

Deaths in the year : Legitimate Infants 16, Illegitimate 0.

Deaths from all causes at all ages 126.

Annual Report of Medical Officer of Health

FOR 1907, FOR THE

RURAL DISTRICT OF BURY.

Factories, Workshops, Laundries, Workplaces, and Homework.

INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries.) ..	60	4	None.
Workshops (Including Workshop Laundries.)..	40		
Workplaces			
Homeworkers' Premises			
Total	100	4	None.

DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts :—				
Want of cleanliness	2	2		
Want of Ventilation				
Overcrowding				
Want of drainage of floors				
Other nuisances				
Sanitary accommodations { insufficient				
Sanitary accommodations { unsuitable or defective	1	1		
Sanitary accommodations { not separate for sexes				
Offences under the Factory and Workshop Acts :—				
Illegal occupation of underground bakehouse				
Breach of special sanitary requirements for bakehouses ..				
Other offences	3	2		
Total	6	5		

REGISTERED WORKSHOPS.

3 Dressmakers
1 Barbers
10 Clog and Shoe Makers
1 Undertaker, &c.
2 Painters
2 Breweries
1 Tripe Dresser
1 Bakehouse
1 Plumbers

Total number of workshops on Register 22

OTHER MATTERS.

Matters notified to H.M. Inspectors of Factories:	Number
Failure to affix Abstract of the Factory and Workshops Act..	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5) — Notified by H.M. Inspector	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5) — Reports (of action taken) sent to H.M. Inspectors	
Other complaints remedied during the year	
Underground Bakehouses:	
Certificates granted during the year	
In use at the end of the year	

JAMES W. COOK, Medical Officer of Health.

March 4th, 1908.