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MEDICAL OFFICER'S REPORT

OF THE

BIRTHS AND DEATHS

FOR THE YEAR ENDED DECEMBER 28TH, 1895,

IN THE

BOROUGH OF STALYBRIDGE.

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*To the Mayor, Aldermen, and Burgesses of the Borough
of Stalybridge, being the Urban Sanitary Authority
of the said Borough.*

GENTLEMEN,

I beg to present my twenty-second annual report, which I commence with the usual formal record of the births and deaths for the last twelve months.

During the year ended December 28, 1895, the number of births registered in the Borough was 761; of these 376 were males, and 385 females. The deaths registered during the same period numbered 665; of these 346 were males and 319 females. The birth rate for the year was 27·4, and the death rate 23·9 per 1,000 persons living. One hundred and twelve deaths were recorded from the seven principal zymotic diseases which give a death rate of 4·0 per 1,000 persons living for the past twelve months.

The Borough of Stalybridge is divided into four wards, and the following was the death rate in each ward, viz.:—Lancashire Ward, 20·4; Stayley Ward, 23·0; Dukinfield Ward, 25·4; and Millbrook Ward, 16·1.

Thirty-two deaths occurred in the Workhouse, Ashton-under-Lyne, of persons removed there from the Borough, and 11 deaths in the Infirmary, which I have included in my general death rate.

The deaths of children under one year of age to 1000 births registered were for the year 244.

The number of deaths of children under one year of age to 1000 births registered in the different wards for the year 1895 is as follows, viz.:—Lancashire Ward, 240; Stayley Ward, 241; Dukinfield Ward, 261, and Millbrook Ward 200.

The population of the Borough is based on the census taken in 1891, with the increase of births over deaths added to it, and brought down to the end of the year, and the population now stands as follows, viz.:—Lancashire Ward, 6070; Stayley Ward, 10435; Dukinfield Ward, 8120; and Millbrook Ward, 3097; making a total of 27722.

I now give a detailed account of the Sanitary work of the Borough during the past year, viz.:—

ZYMOTIC DISEASE.

In July, 1891, the Council at their meeting adopted the Infectious Disease (Notification) Act, 1889, and the Infectious Disease (Prevention) Act, 1890.

A few facts relating to these diseases are now appended—

Small Pox—During the year two cases of Small Pox were notified in different parts of the Borough, viz.:—one on January 21st, 1895, and one on July 18th, 1895. The cases were at once removed in the Borough's cab used for infectious cases to the Hyde Infectious Hospital, the bedding, &c., burnt, the houses fumigated with sulphurous acid fumes and *all the*

inmates of the houses re-vaccinated. In none of the houses or neighbourhood was there a second case of the disease, to my mind again showing conclusively the value of isolation and re-vaccination of all the inmates of any house were Small Pox breaks out. Both these cases were tramps, one coming from St. Helens, and the other from Oldham, and neither of them were in the town more than one night.

Scarlet Fever—Thirty-two cases were notified, and two deaths occurred.

Diphtheria—Six cases were notified, and five deaths occurred.

Membranous Croup—Seven cases were notified, and six deaths occurred.

Whooping Cough—Though not included in the above-named Acts, 13 deaths occurred.

Typhoid Fever—During the year forty-three cases were notified of which ten proved fatal. I visited every house and made careful inquiry into each case, but I could find nothing specially to account for the cases in their surroundings. The excessive heat of the weather experienced in September followed by damp and rain in October accounted for the increase of Typhoid Fever and Diarrhœa, as most of the cases were notified about that time of the year.

The Corporation are engaged in a large Sewage Scheme which when complete, ought to materially improve the health of the Borough by removing all sewage from the river which runs through the centre of the town. I may also report that during the months of August, September and October, 22 deaths occurred from Diarrhœa, one of which was Choleraic Diarrhœa, and I have no doubt that the high temperature followed by damp and cold was the greatest cause both of the Diarrhœa and Typhoid Fever.

Measles—Although this is not one of the diseases specified in the above Acts required to be notified, 49 deaths occurred.

In all cases of Zymotic disease the houses are at once visited by the Medical Officer of Health and Inspector of Nuisances, and printed instructions for the prevention of the spread of the disease left at the house, and disinfectants are

supplied, and in all cases the house fumigated with sulphurous acid fumes, and in severe cases the bedding and clothing are burnt.

In addition the premises are examined to ascertain their sanitary condition. On any defects being discovered, notice thereof is at once given both to the landlord and tenant, and also to the Sanitary Committee, the latter invariably taking immediate measures to have the premises put into a proper sanitary condition.

During the year I have visited my district with the Inspector of Nuisances, and on many occasions we have been accompanied by the Chairman and other members of the Sanitary Committee. I attend all meetings of the Sanitary Committee, and advise them on all matters relating to the health of the Borough.

+ *Post Office*—I beg again to call attention to the sanitary condition of the Post Office. There are now three female clerks employed, and there is no SANITARY CONVENIENCE provided for their use, which I think is a disgrace to the General Post Office authorities, as I have called their attention to it for the past three years.

Sale of Food and Drugs Act, 1875—The Chief Constable (Mr. Chadwick), forwarded to the Borough Analyst, Mr. J. Carter Bell, the following articles to be analyzed, viz.:—Six specimens of milk and five specimens of butter, all of which were pure with the exception of one specimen of milk, which was found by the Public Analyst to be 50 per cent. deficient in cream. The Chief Constable took proceedings against the Purveyor of the milk, but the magistrates dismissed the case on payment of costs, *because the Purveyor had received a written guarantee of purity with the milk.* I think this state of the law requires immediate attention, as it allows the Purveyor of milk (so long as he has a guarantee of purity with the milk) to sell an impure article.

The following properties have been put into a thorough sanitary condition during the year, under the superintendence of the late Borough Surveyor, Mr. Amos Lee, viz.:—

<i>Name of Owner.</i>	<i>Situation of Property.</i>
Charles Gibson.....	Kay street
Charles Gibson.....	Walmsley street
Charles Gibson	Back Grosvenor street

R. Cox and others	Forester street
Mrs. Lathom	off Stamford street
James Smith.....	Walmsley street
A. Lees	Hillgate
John Hague.....	Stamford street
James Thompson	Grosvenor street
Thomas Seel.....	Back Grosvenor street
Ralph Bates	Acres lane
Independent Labour Club	Caroline street
James Shaw.....	Forester street

Lodging Houses—I have many times during the year visited all the registered lodging houses within the Borough, and found them in a fairly sanitary condition.

Water Supply—The water supply of the Borough is absolutely pure and abundant in quantity.

With regard to the sanitary state of the Borough during the year, I beg to append to my report the following statement furnished by the Inspector of Nuisances, viz. :—

YEAR 1895.

Number of general nuisances abated during the year...	446
Number of houses fumigated.....	61
Number of smoke observations taken	119
Number of notices served	18

I beg to give a return of the number of ashpits emptied and loads removed during 1895, viz. :—

January	Ashpits, 626	Loads, 768 $\frac{1}{2}$
February	„ 432	„ 621 $\frac{1}{4}$
March.....	„ 445	„ 644 $\frac{1}{2}$
April	„ 485	„ 759
May.....	„ 448	„ 749
June	„ 423	„ 597 $\frac{1}{2}$
July	„ 598	„ 729
August	„ 525	„ 622 $\frac{1}{2}$
September	„ 527	„ 645
October	„ 591	„ 804
November	„ 527	„ 640 $\frac{1}{2}$
December	„ 669	„ 747 $\frac{1}{2}$
	6296	8328 $\frac{1}{2}$

The following table will show the number of deaths in each year from the seven chief zymotic diseases, as well as the various Death-rates for the past ten years:—

Smallpox	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895
Measles	0	0	2	0	0	0	0	0	0	0
Scarlet fever.....	1	68	0	41	4	27	1	25	3	49
Diphtheria	1	3	8	9	8	25	5	4	0	2
Whooping Cough	0	1	0	5	6	4	0	8	3	5
Fevers of a con- fined character { Typhus.. Enteric.. Doubtful	22	5	9	4	25	6	19	17	23	13
Diarrhoea and dysentery....	1	0	0	0	0	0	0	0	0	0
	8	1	6	3	7	2	2	4	2	10
	2	0	1	1	0	0	0	0	0	0
	21	19	18	18	18	14	24	50	12	33
Deaths from the 7 chief zymotic diseases	56	97	44	81	68	78	51	108	43	112
Deaths from other causes ..	564	558	523	573	584	558	533	574	466	553
Totals for each year due to the Borough	620	655	567	654	652	636	584	682	509	665
Death-rate from the 7 zymotic diseases per 1000 }	2.0	3.2	1.5	2.8	2.3	2.8	1.8	4.0	1.5	4.0
Death-rate from all other causes per 1000..... }	20.5	20.4	18.7	20.4	20.6	20.8	19.7	21.0	16.9	19.9
General death-rate per 1000	22.5	23.6	20.2	23.2	22.9	23.6	21.5	25.0	18.4	23.9

NUMBER OF DEATHS.

FOR THE YEAR ENDING DECEMBER 28TH, 1895.

Causes of Death.

Small Pox	With marks of vaccination	0
	Without mark	0
	Where not known or doubtful	0
Measles		49
Scarlet Fever		2
Diphtheria		5
Membranous Croup		6
Whooping Cough		13
Fevers	Typhus	0
	Enteric	10
	Of others or doubtful sorts	0
Diarrhœa and Dysentery		33
Cholera		0
Rheumatic Fever		1
Erysipelas		1
Pyœmia		0
Puerperal Fever		0
Phthisis		48
Bronchitis, Pneumonia, and Pleurisy		148
Heart Disease		40
Inquests		23
Other diseases not classified		286
	Total	665

Ages at which death occurred.

Under 1 year of age	188	
Between 1 and 5 years of age	109	
" 5 and 15 "	23	
" 15 and 25 "	25	
" 25 and 60 "	176	
" 60 and upwards	144	
	Total	665

Deaths.

Male	346
Female	319
Total	<u>665</u>

Births.

Male	376
Female	385
	<u>761</u>

Estimated Population, 27,772,

Annual Death Rate for every thousand persons living, for the year ending December 18th, 1895	23·9
Corresponding time for 1894.....	18·4
" " 1893.....	25·0
" " 1892.....	21·5
" " 1891.....	23·6
" " 1890.....	22·9
" " 1889	23·2

Deaths in different Wards.

	<i>Under</i> 5 years <i>of age.</i>	<i>Under</i> 5 years <i>of age.</i>	
Lancashire	66	58	124
Stayley	96	145	241
Dukinfield	113	94	207
Millbrook	19	31	50
Workhouse and Infirmary	3	40	43
	<u>297</u>	<u>368</u>	<u>665</u>

I beg to thank your Committee for the kindness and courtesy I have at all times received at your hands, and have the honour to remain,

Gentlemen,

Your obedient Servant,

F. J. ROBERTS-DUDLEY,

January, 1896.

TABLE OF DEATHS

During the year 1895, in the Urban Sanitary District of Stalybridge, classified according to diseases, ages, and localities.

	WARDS						Totals
	Lancashire	Stayley	Dukinfield	Millbrook	Workhouse	Infirmary	
Deaths—at all ages	124	241	207	50	32	11	665
" under 1 year	40	65	67	14	2	0	188
" 1 and under 5 years..	26	31	46	5	0	1	109
" 5 and under 15 years..	5	8	5	4	0	1	23
" 15 and under 25 years..	4	10	6	4	1	0	25
" 25 and under 65 years..	26	62	51	14	15	8	176
" 65 and upwards	23	65	32	9	14	1	144

CAUSES OF DEATH.

WARDS

	Lancashire,		Stayley,		Dukinfield,		Millbrook,		Workhouse,		Infirmary,		Totals,	
	Under 5 yrs.	Over 5 yrs.	Under 5 yrs.	Over 5 yrs.	Under 5 yrs.	Over 5 yrs.	Under 5 yrs.	Over 5 yrs.	Under 5 yrs.	Over 5 yrs.	Under 5 yrs.	Over 5 yrs.	Under 5 yrs.	Over 5 yrs.
Small Pox	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlatina	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Diphtheria	1	0	1	0	2	0	0	0	0	0	0	0	0	4
Membranous Croup	3	0	2	0	1	0	0	0	0	0	0	0	0	6
Typhus Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enteric or Typhoid Fever	1	0	1	0	5	0	3	0	0	0	0	0	0	2
Continued Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pureperal Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	16	0	11	0	18	0	4	0	0	0	0	0	0	49
Whooping Cough	6	0	4	0	8	0	1	0	0	0	0	0	0	13
Erysipelas	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Diarrhoea and Dysentery	3	1	11	1	13	2	1	1	0	0	0	0	0	28
Rheumatic Fever	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Ague	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phthisis	0	8	1	13	0	17	0	4	0	0	0	0	0	47
Bronchitis, Pneumonia, and Pleurisy	10	18	21	42	14	24	7	4	0	0	0	0	2	52
Heart Disease	0	5	1	17	0	12	0	3	0	0	0	0	0	39
Injuries	1	2	0	2	2	1	0	1	0	0	1	1	1	4
All other Diseases	31	24	43	63	53	35	6	17	2	17	0	7	135	163
Total	66	55	96	145	113	94	19	31	2	30	1	10	297	368

TABLE OF POPULATION, BIRTHS, AND OF
NEW CASES OF INFECTIOUS SICKNESS

Coming to the knowledge of the Medical Officer of Health during the year 1895, in the Urban Sanitary District of Stalybridge; classified according to Diseases, Ages, and Localities.

	WARDS				
	Lancashire	Stalyley	Dukinfield	Millbrook	Tota
Census in 1891.....	5873	10117	7831	2950	26771
Estimated to middle of 1893	6070	10435	8120	3097	27722
Registered Births ..	166	469	256	70	761

New Cases of Sickness in each Locality.

	WARDS									
	Lancashire		Stalyley		Dukinfield		Millbrook		Totals	
	Under 5 yrs	Up 5 yrs	Under 5 yrs	Up 5 yrs	Under 5 yrs	Up 5 yrs	Under 5 yrs	Up 5 yrs	Under 5 yrs	Up 5 yrs
Smallpox	0..	1..	0	0..	0..	1..	0..	0..	0..	2
Scarlatina	3..	0..	3..	3..	5..	11..	3..	4..	14..	18
Diphtheria	0..	0..	2..	2..	2..	0..	0..	0..	4..	2
M e m b r a n o u s										
Croup	3..	0..	4..	0..	0..	0..	0..	0..	7..	0
Typhus	0..	0..	0..	0..	0..	0..	0..	0..	0..	0
E n t e r i c o r										
Typhoid	2..	4..	2..	17..	0..	17..	0..	1..	4..	39
Continued	0..	0..	0..	0..	0..	0..	0..	0..	0..	0
Relapsing	0	0..	0..	0..	0..	0..	0..	0..	0..	0
Puerperal	0..	0..	0..	0..	0..	0..	0..	0	0..	0
Cholera	0..	0..	0..	0..	0..	0..	0..	0..	0..	0
Erysipelas	0..	3..	0..	8..	0..	2..	0..	0..	0..	13



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