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Contributors

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CHADDERTON
URBAN DISTRICT COUNCIL.

REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

1908.

HENRY HOYLE,

Clerk to the Council.

Town Hall, Chadderton,
April, 1909.

OLDHAM:

H. C. LEE & Co. LTD, Printers, 11, King Street.

CHADDERTON URBAN DISTRICT COUNCIL.

												1908.
Area in statute acres...	...	...	...	...	...	...	...	...	...	...	...	3,080
Population (Census) 1901	...	...	...	...	...	...	...	...	...	...	...	24,892
Number of inhabited houses (Census) 1901	...	...	...	...	...	...	...	...	...	...	...	5,402
Average Number of persons per house	...	...	...	...	...	...	...	...	...	...	...	4·61
Births Registered during 1908	{	Males,	389	}	Total...	...	...	...	...	...	...	788
		Females,	399	}								
Deaths	{	Males,	226	}	Total...	...	...	...	...	...	...	474
		Females,	248	}								
Birth Rate	...	...	...	...	...	...	...	...	...	...	...	28·7
Death Rate	...	...	...	...	...	...	...	...	...	...	...	17·3
Infantile Death Rate...	...	...	...	...	...	...	...	...	...	...	...	147
Zymotic Death Rate ...	...	...	...	...	...	...	...	...	...	...	...	2·19

Medical Officer's Annual Report.

*To the Chairman and Members of the Chadderton Urban
District Council.*

GENTLEMEN,

During the year 1908, 433 deaths were registered in Chadderton. Also 41 Chadderton persons died in public institutions outside the district (Oldham Union Workhouse, Oldham Infirmary, and Oldham Fever Hospital, &c.). The nett deaths belonging to the district were therefore 474, of whom 226 were males and 248 females.

The corrected death rate (*i.e.*, by including all these deaths) is 17·3 per 1,000 of the population per annum, calculating the population at the middle of the year 1908 to be 27,400.

The number of births registered during the year was:—Boys, 389; girls, 399; total, 788; an increase of 9 on the previous year. 22 of these births were of illegitimate children.

The birth rate was 28·7 per 1,000 of the population per annum.

The natural increase of population, found by subtracting the number of deaths from the births, was 314.

There were 116 deaths of infants under 1 year of age, 9 of which were of illegitimate birth.

The infantile death rate was 147, *i.e.*, at the rate of 147 deaths under 1 year of age to every 1,000 births.

There were 14 inquests and 8 inquiries held by the County Coroner during the year.

The deaths from the seven principal Zymotic diseases for the last five years were as follows:—

	1904	1905	1906	1907	1908
Smallpox	2	0	0	0	0
Scarlet Fever	4	10	8	2	2
Diphtheria	3	3	9	11	5
Enteric Fever	0	3	1	1	2
Measles	29	6	17	13	23
Whooping Cough	8	9	4	15	3
*Diarrhoea	5	8	17	10	25
Total	51	39	56	52	60
Zymotic death-rate	1·97	1·48	2·10	1·92	2·19

* Deaths of infants under 1 year of age certified as due to enteritis, &c., are included under the head of diarrhoea.

INFECTIOUS DISEASES.

The following table gives the Infectious cases reported during the last five years:—

	1904	1905	1906	1907	1908
Smallpox	51	43	28	0	0
*Diphtheria	26	21	23	28	14
Erysipelas	12	17	12	11	10
Scarlet Fever	147	209	122	68	55
Enteric Fever	7	14	10	8	12
Puerperal Fever	1	0	2	1	0
†Chicken Pox.....	63	129	120	24	0

* Including membranous croup.

† Chicken pox is not now notifiable.

There was a considerable amount of measles during the year, especially in May, August, September, and December, causing 11 deaths in the latter month, and 23 deaths in all. I found it necessary to close several of the schools, as under:—

Eustace Street, both departments, May 1st (afternoon) to May 17th inclusive, and May 18th to 24th inclusive.

Eustace Street Infants, November 10th to December 14th.

Christ Church, Infants and Mixed Departments, November 13th to December 4th.

Middleton Junction Infants, October 28th to November 18th.

Denton Lane Infants, October 28th to November 18th.

Busk Wesleyan Infants, December 8th to 29th.

Stanley Road Infants, November 11th to December 4th.

Scarlet fever cases were 55 in number, and pretty uniformly distributed throughout the year, with 2 deaths. Only 4 cases were removed to Hospital.

Enteric fever contributed 12 cases, of which 4 were removed to Hospital.

SANITARY INSPECTION.

During the year 29 notices regarding nuisances were sent out, and all these nuisances were abated. 207 notices of defective sanitary cans were sent out, and about 180 have been replaced with new cans.

Four canal boats were inspected and found satisfactory, and in accordance with the Act.

65 visits have been paid to factories and 12 to workshops, and these were found satisfactory.

85 smoke observations were made, and 19 reports were sent to the owners of the excessive amount of black smoke emitted. Summonses to appear before the Committee were issued in several cases, and as a result a great improvement has been made.

In November a circular was issued to owners of property asking for abolition of ashpits which necessitate "wheeling out." There is every appearance of the owners meeting the Council's wishes in this matter satisfactorily.

Since April 5th, in North Ward and one portion of Central Ward the nightsoil has been collected in the night instead of in the day.

Sewerage and Drainage.

The following streets were sewered and paved during the year :—

Nelson Street.
Wallis Street.
Mellor Street.
Birchenlea Street.
Bamford Street.
Industry Street.

The following were sewered :—

Dalton Street.
Board Street.

And the following are in hand :—

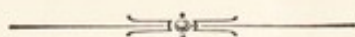
Sefton Street.
Thornley Street.
Baker Street.
Fulton Street.
Moore Street.
Garlick Street.
Jemmie Lane.
Stansfield Street.

There are now in the district 741 slop water closets and 347 fresh water closets.

I am,
Yours truly,

H. ASHTON,
Medical Officer of Health.

Medical Inspection of School Children.



*To the Education Committee of the Chadderton District
Council.*

GENTLEMEN,

Having been appointed Medical Inspector of School Children from October 1st, I beg to state that between that date and the end of the year I examined 131 children, 67 at Eustace Street, School and 64 at Stanley Road School. It was decided to make all examinations at these two schools, as they are more commodious and better suited for the purpose than the others. The examinations were conducted in the teachers' rooms, except eyesight testing, which was done in the large schoolrooms.

For the purpose of recording and tabulating the results of inspection, cards are used, which are afterwards placed in alphabetical order in drawers, and preserved for future examinations. It is intended to make three examinations during each child's school career, the first on entrance and the last on leaving, and the other midway between these two.

All the children examined were about leaving school, and therefore were all about the same age—12 to 13 years.

With regard to infectious diseases previously suffered by the children, measles seems to have been the commonest, almost all the children having had it.

CLOTHING AND FOOTWEAR.

This, on the whole, was good and sufficient.

NUTRITION.

Out of 131 children, I find I have put down 77 as very well nourished, 33 as fairly well nourished, and 21 as rather poorly nourished.

CLEANLINESS AND CONDITION OF SKIN.

On the whole, the children brought up for examination were very clean. No doubt many had been specially prepared for the examination, so that the following particulars are not to be regarded absolutely as indicating the condition in which they usually appear at school. I found 76 very clean, 40 slightly less so, 12 medium, and only 3 very dirty. In a few cases there were nits or lice present in the heads.

TEETH.

36 had perfect sets of teeth, 79 had a few decayed teeth, 16 had rather badly decayed teeth.

THROAT AND NOSE.

I found 11 children with tonsils enlarged enough to make operation advisable, and 4 cases of adenoid growths in the throat.

EYESIGHT.

I found 36 of the children had defective eyesight. In many cases the parents were unaware of this.

HEARING.

10 of the children were more or less deaf.

SPEECH.

There were 5 cases of defective speech.

HEART DISEASE.

In eight cases heart disease was present, mostly unknown to the parents.

VACCINATION.

Unvaccinated	86
Vaccinated with 1 mark	3
„ with 2 marks	9
„ with 3 marks	7
„ with 4 marks	26
	131

It will be seen by this table that vaccination is being rather badly neglected in the district.

In cases where defects were found in the children the parents were informed either personally or by letter, and either recommended to consult their family medical adviser, or in case of defective eyesight to procure suitable glasses.

WORK OF THE SCHOOL NURSE.

The School Nurse paid visits to all the schools and examined the children. Such children as were dirty or appeared neglected she subsequently visited at their homes and advised the parents what to do. In cases of verminous and broken-out heads remedies were supplied.

210 children were seen at their homes, and either advice, instructions, or personal attention were given by the Nurse.

In 25 cases the children appeared neglected.

There were 39 cases of simple ailments where temporary treatment was given and a doctor recommended.

About 60 cases were seen periodically at school to watch for improvement.

As a result of the Nurse's visits there has been a great improvement in the condition of children's heads and in other respects.

I should like to draw the attention of the Committee to the condition of Derby Street, which passes the main entrance of Stanley Road School. It is very dirty owing to being unpaved, and the children get wet feet, and also carry a good deal of dirt into the school on their shoes. It would be better paved and the footpath flagged.

I am,

Yours truly,

H. ASHTON,

Medical Inspector of School Children.

Chadderton Urban District.—Table 1. Vital Statistics of Whole District during 1908 and previous Years.

YEAR	Population estimated to Middle of each year.	BIRTHS		TOTAL DEATHS REGISTERED IN THE DISTRICT					Total 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	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT	
		Number	Rate*	Under 1 year of Age		At all Ages						Number	Rate*
				Number	Rate per 1,000 Births registered	Number	Rate*						
1	2	3	4	5	6	7	8	9	10	11	12	13	
1898	24050	688	28.6	124	180	439	18.2	...	...	17	452	18.8	
1899	24331	702	28.4	114	161	450	18.4	...	...	13	467	19.1	
1900	24611	686	27.8	141	205	479	19.5	...	...	32	511	20.7	
1901	24892	673	27.0	113	168	460	18.4	...	...	39	499	20.0	
1902	25300	759	30.0	117	154	442	17.4	2	2	11	451	17.8	
1903	25500	715	28.0	130	182	407	15.9	9	6	41	442	17.3	
1904	25800	670	25.9	100	149	420	16.2	2	...	43	463	18.0	
1905	26200	713	27.2	104	145	407	15.5	...	...	41	448	17.1	
1906	26600	744	28.0	87	117	436	16.3	...	...	46	482	18.1	
1907	27000	779	28.8	130	166	467	17.3	...	...	49	516	19.1	
Averages for years 1898-1907	25428	713	27.9	116	162	440	17.1	...	..	34	473	18.7	
1908	27400	788	28.7	116	147	433	15.8	...	...	41	474	17.3	

* Rates in Columns 4, 8, and 13 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 sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the purpose of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made are as follows:—Cinder Hill Smallpox Hospital, Oldham Union Workhouse, Oldham Infirmary, Manchester Royal Infirmary.

Area of District in acres (exclusive of area covered by water) 3,680. Total population at all ages, 24,892. Number of inhabited houses, 5,402. Average number of persons per house, 4.61. (At Census of 1901.)

Chadderton Urban District.—Table III.

Cases of Infectious Disease notified during the Year 1908.

NOTIFIABLE DISEASE	CASES NOTIFIED IN WHOLE DISTRICT						TOTAL CASES NOTIFIED IN EACH LOCALITY			NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY		
	At all Ages	At Ages—Years					North Ward	Central Ward	South Ward	North Ward	Central Ward	South Ward
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65						
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...
Cholera... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous croup)	14	...	7	7	...	...	4	7	3	...	...	...
Erysipelas	10	...	1	2	1	6	2	8	...	...	...	...
Scarlet Fever	55	...	23	30	...	2	23	19	13	2	2	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	12	...	...	4	1	7	3	2	7	...	...	4
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...
Totals	91		31	43	2	15	32	36	23	2	2	4

Isolation Hospitals { Cinder Hill (Small-pox) North Ward.
Westhulme, Oldham.

Chadderton Urban District.—Table IV.

Causes of, and Ages at, Death during year 1908.

CAUSES OF DEATH 1	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Total Deaths in Public Institutions in the District
	ALL AGES 2	Under 1 year 3	1 and under 5 4	5 and und'r 15 5	15 and und'r 25 6	25 and under 65 7	65 and upwards 8	
Small-pox	...	...	...	...	...	...	...	
Measles	23	7	16	...	...	...	...	
Scarlet fever.....	2	...	1	1	...	...	...	
Whooping-cough ...	3	1	2	...	...	...	...	
Diphtheria (including Membranous croup)	5	...	3	1	...	1	...	
Croup	2	...	2	...	...	...	...	
Fever {	Typhus	...	...	...	...	...	...	
	Enteric	2	...	1	...	1	...	
	Other continued ...	...	...	...	...	...	...	
Epidemic influenza ...	8	...	...	1	2	4	1	
Cholera	...	...	...	...	...	...	...	
Plague	...	...	...	...	...	...	...	
Diarrhœa	15	10	4	...	...	1	...	
Enteritis	14	10	2	...	...	1	1	
Puerperal fever	...	...	...	...	...	...	...	
Erysipelas.....	...	...	...	...	...	...	...	
Phthisis (Pulmonary Tuberculosis)	29	2	...	1	6	19	1	
Other tuberculous diseases	8	1	4	...	1	2	...	
Cancer, malignant disease.....	26	...	...	...	1	19	6	
Bronchitis.....	56	11	6	1	...	19	19	
Pneumonia	19	8	3	1	...	6	1	
Pleurisy	...	...	...	...	...	...	...	
Other diseases of Respiratory organs	...	...	...	...	...	...	...	
Alcoholism	4	...	...	...	...	4	...	
Cirrhosis of liver ... }								
Venereal diseases ...	2	2	...	...	...	...	...	
Premature birth	19	19	...	...	...	...	...	
Diseases and accidents of parturition ..	3	1	...	...	...	2	...	
Heart diseases	45	...	...	1	...	26	18	
Accidents	16	1	...	3	2	9	1	
Suicides	2	...	...	...	...	2	...	
All other causes	171	43	13	3	6	54	52	
All causes	474	116	56	14	18	170	100	

Chadderton Urban District.—Table V.

Infantile Mortality during the Year 1908.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
ALL CAUSES—Certified																	
„ Uncertified																	
<i>Common Infectious Diseases.</i>																	
Small-pox																	1
Chicken-pox										1							7
Measles				1	1						1	3				2	
Scarlet Fever																	
Diphtheria (including Membranous Croup)																	
Whooping Cough.....													1				1
<i>Diarrhœal Diseases—</i>																	
Diarrhœa, all forms.....			1	1	2		2	1	1	1		2		1			10
Enteritis, Muco-enteritis																	
Gastro-enteritis				1	1					2	1	1		1			6
Gastritis, Gastro-intestinal																	
Catarrh							1		1	1					1		4
<i>Wasting Diseases—</i>																	
Premature Birth	9	2	1	4	16	1		2									19
Congenital Defects		1			1												1
Injury at Birth	1				1												1
Want of Breast-milk																	
Starvation																	
Atrophy, Debility, Marasmus	5		2		7	3	2	1			1						14
<i>Tuberculous Diseases—</i>																	
Tuberculous Meningitis												1					1
Tuberculous Peritonitis.....																	
Tabes Mesenterica																	
Other Tuberculous Diseases											1				1		2
Erysipelas						1			1								2
Syphilis																	
Rickets																	
Meningitis (not Tuberculous)																1	1
Convulsions.....	2	3		1	6		1			1	1				1	1	11
Bronchitis						1	3			3	1	1	1		1		11
Laryngitis								1									1
Pneumonia						1	1			2	1	1			2		8
Suffocation, overlying																	
Other Causes		1		1	2	4	2	2					3	1		1	15
	17	7	4	9	37	11	12	7	3	11	7	9	5	3	6	5	116

Population, estimated to middle of 1908, 27,400.

Births in the year—Legitimate, 766; Illegitimate, 22.

Deaths in the year—Legitimate Infants, 107; Illegitimate Infants, 9.

Deaths from all Causes at all ages, 474.

