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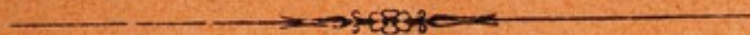
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Chadderton Urban District Council.



REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

△. 1898. △



GEORGE TAYLOR,

CLERK TO THE COUNCIL.

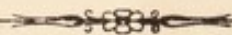
TOWN HALL, CHADDERTON,

MARCH, 1899.

JOHN WILD, PRINTER, 22, YORKSHIRE STREET, OLDHAM.



Chadderton Urban District Council.



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CHADDERTON URBAN DISTRICT COUNCIL.

Area in statute acres	..	..	..	..	..	..	3,080.
Population (Census) 1891	..	..	..	..	..	..	22,087
Population (estimated) 1898	..	..	..	..	..	..	25,500
Births Registered during 1898.	{	Males 350		{	Females 338	Total	 688
Deaths Registered	{	Males 220		{	Females 219	Total	 439
Birth Rate	..	..	..	..	..	..	27'0
Death Rate	..	..	..	..	..	..	17'7
Infantile Death Rate..	..	..	..	..	..	..	180'2
Zymotic Death Rate	..	..	..	..	..	..	2'2

MEDICAL OFFICER'S ANNUAL REPORT

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

GENTLEMEN,

During the year 1898 439 deaths were registered in Chadderton—220 males and 219 females; and 13 Chadderton persons died in the Union Workhouse.

The death rate (corrected) was 17·7 per thousand of the population, estimated at 25,500.

The death rates for the preceding five years were 18·7, 19, 19·1, 18·7, 18·6.

The number of births registered in the year was—350 boys, 338 girls; total 688. The number of births which had decreased 53 in 1897, increased again by 20. The birth rate equals 27 per thousand of the population.

The natural increase of population by excess of births over deaths was 236.

There were 124 deaths of infants under one year of age.

For every one thousand children born 180·2 died during their first year.

The causes of death of infants under one year were as follows :—

Principal Zymotic diseases		4
Wasting diseases		10
Diseases of Nervous System (including Convulsions)		21
Diarrhœal diseases		16
Respiratory diseases		23
Other diseases		50

The following table gives the causes of death at all ages :—

Zymotic diseases	34
Diarrhœa (including gastro-intestinal catarrh, gastro-enteritis, &c.)	29
Phthisis	24
Other Scrofulous diseases	10
Cancer	14
Respiratory diseases (Bronchitis, Pneumonia, and Pleurisy)	94
Heart disease	34
Diseases of Nervous System	60
„ Digestive „	30
„ Urinary „	9
Parturition	4
Deaths by violence	13
All other diseases and old age	84
Total	439

The deaths from the seven principal zymotics during the last five years were as follows :—

	1894	1895	1896	1897	1898
Smallpox	0	3	0	0	0
Scarlet Fever	2	1	11	1	3
Diphtheria	2	6	2	2	1
Typhoid Fever	5	1	0	3	5
Measles	19	6	11	18	13
Whooping Cough	14	12	19	10	7
Diarrhœa	4	13	9	23	29
Total	46	42	52	57	58
Zymotic Death Rate	1'9	1'7	2'1	2'2	2'2

REPORTS OF INFECTION.

The following table gives the infectious cases reported to the Medical Officer during the last five years :—

	1894	1895	1896	1897	1898
Small Pox	14	13	2	0	0
Scarlet Fever	61	32	172	55	34
Diphtheria	4	15	21	17	6
Typhoid Fever	25	6	5	17	29
Total	104	66	200	89	69

The cases were distributed as follows :—

	North Ward.	Central Ward.	South Ward.	Total.
Typhoid Fever	6	18	5	29
Scarlet Fever	9	13	12	34
Diphtheria	3	1	2	6
Total	18	32	19	69

The cases of infection occurred in the three wards of the township almost in proportion to the number of inhabitants, Central Ward getting more than its share owing to two outbreaks of Typhoid Fever.

As will be seen by the first table the number of cases of Scarlet Fever has again diminished.

The same remark applies to Diphtheria.

Three cases of Scarlet Fever occurred in one house, and three in another house, owing to the impossibility of obtaining proper isolation in cottage houses.

An outbreak of Typhoid Fever in a house in Block Lane necessitated the removal of the whole of the cases—five in number—to the Westhulme Hospital, where one died, the rest being discharged cured.

Two cases in the same house in Chadderton Fold were also removed to Hospital by the Guardians. Most of the cases of Typhoid Fever, but not all, occurred in old property. All infected houses were visited frequently, and any defects in drainage or cleanliness were remedied. One of the cases of Typhoid gave rise after an interval of several weeks to six other cases, one in the same house, four next door (the mother having nursed the first patient caught the disease and died), and a brother of the first case who resided in another town.

There was a rather widespread epidemic of Measles in the months of February and March, affecting principally North Ward. The Schools in North Ward and one in Central Ward (Middleton Junction) were closed for three or four weeks till the epidemic had subsided. In the previous summer and autumn the South Ward had been most affected.

Summer Diarrhœa caused, as usual, a large number of deaths in the autumn, many of them being of infants under one year of age.

We had no cases of Smallpox last year, but a man removed from this district into Oldham, and having consulted a doctor there, was the next day discovered to have Smallpox. The house he had vacated was disinfected on receiving this information from the Oldham Sanitary Authorities.

I hope that the increased facilities for good and efficient Vaccination with Glycerinated Calf Lymph afforded by the new Vaccination Act will lead to a considerable increase in the number of vaccinations in this and other districts. It is almost unnecessary for me to say that I have the most complete faith in vaccination and re-vaccination as a preventative of Smallpox, and that the experience gained whilst attending

patients at Cinder Hill has only confirmed me in that belief. The use of calf lymph does away with any risk of conveying disease, such as blood poisoning, to the person vaccinated.

Thirty-six or more cases of Food Poisoning occurred in this district last August, causing three deaths. The source of the poison was in all cases the same—veal pies baked at a confectioner's shop. I made a full enquiry into all the cases and presented a special report on the subject to the Sanitary Committee.

Arrangements were made last year with Professor DELEPINE, of Owen's College, for the Bacteriological diagnosis of doubtful cases of Diphtheria and Typhoid Fever. This has been taken advantage of in a number of cases, and will, I think, prove a useful addition to our means of coping with these two diseases.

HOUSE TO HOUSE VISITATION.—A house to house visitation of various parts of the district was made during the year, resulting in various sanitary improvements, and in the closing of four houses which were certified to be unfit for human habitation. Five cellar dwellings were also closed for the same reason.

SEWERAGE OF THE DISTRICT.—A number of streets were placed on the list for Sewering and Paving. The new Sewage Works at Slacks Valley, for the treatment of sewage by the International system, were opened on 17th September, 1898. They are at present treating about half-a-million gallons of sewage daily, and turning out a very good effluent.

I am,

Yours obediently,

H. ASHTON,

MEDICAL OFFICER OF HEALTH.

LANCASHIRE COUNTY COUNCIL.

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

Coming to the knowledge of the Medical Officer of Health, during the year 1898, in the Urban Sanitary District of CHADDERTON, classified according to Diseases, Ages and Localities.

Localities.	Population at all ages.		Registered Births.			Aged under 5 or over 5.	New Cases of Sickness in each Locality.					No. of Cases removed to Hospital.
	Census 1891.	Estimated to middle of 1898.	Males.	Females.	Total.		Smallpox.	Scarlatina.	Diphtheria.	FEVERS.		
										Enteric or Typhoid.	Puerperal.	
Chadderton	22,087	25,500	350	338	688	{ Under 5 .. 5 upwards..	11	5	1	1	1	1
Cinder Hill Hospital.....	..	..	..	..	..	{ Under 5 .. 5 upwards..	..	..	..	..	..	..
Total						{ Under 5 .. 5 upwards..	11	5	1	1	1	1
						{ Under 5 .. 5 upwards..	..	1	26	..	..	6

LANCASHIRE COUNTY COUNCIL.

TABLE OF DEATHS during the year 1898, in the Urban Sanitary District of Chadderton,
Classified according to Diseases, Ages and Localities.

Localities.		Mortality from all causes at subjoined ages.								Aged under 5 or over 5.	Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age.														
		At all ages.	Under 1 year.	1 and under 3.	3 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Enteric or Typhoid.	Rheumatic Fever.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Influenza.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.
Chadderton.		439	124	66	20	24	141	64	{ Under 5 .. 5 upwards	..	3	1	..	..	..	13	7	18	..	..	41	3	1	103	190
Cinder Hill Hospital..		..	..	..	..	..	..	..	{ Under 5 .. 5 upwards	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals.....		439	124	66	20	24	141	64	{ Under 5 .. 5 upwards	..	3	1	..	..	..	13	7	18	..	..	41	3	1	103	190
										..	..	..	..	5	4	..	..	11	5	24	53	31	12	103	249

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

Deaths occurring outside the district among persons belonging thereto.	13	..	..	..	..	..	9	4	5 upwards.	In Oldham Union Workhouse	13
Deaths occurring within the district among persons not belonging thereto.	..	..	..	..	..	..	..	..	Under 5 ..	In Cinder Hill Hospital.....	..

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NAME	AGE	SEX	DATE OF BIRTH	DATE OF DEATH	CAUSE OF DEATH	PLACE OF BIRTH	PLACE OF DEATH	EDUCATION	RELIGION	MARRIAGE	CHILDREN
1001	21	M	1880	1900	Smallpox	India	India	None	Hindu	None	None
1002	22	F	1881	1901	Smallpox	India	India	None	Hindu	None	None
1003	23	M	1882	1902	Smallpox	India	India	None	Hindu	None	None
1004	24	F	1883	1903	Smallpox	India	India	None	Hindu	None	None
1005	25	M	1884	1904	Smallpox	India	India	None	Hindu	None	None
1006	26	F	1885	1905	Smallpox	India	India	None	Hindu	None	None
1007	27	M	1886	1906	Smallpox	India	India	None	Hindu	None	None
1008	28	F	1887	1907	Smallpox	India	India	None	Hindu	None	None
1009	29	M	1888	1908	Smallpox	India	India	None	Hindu	None	None
1010	30	F	1889	1909	Smallpox	India	India	None	Hindu	None	None

NAME	AGE	SEX	DATE OF BIRTH	DATE OF DEATH	CAUSE OF DEATH	PLACE OF BIRTH	PLACE OF DEATH	EDUCATION	RELIGION	MARRIAGE	CHILDREN
1011	31	M	1890	1910	Smallpox	India	India	None	Hindu	None	None
1012	32	F	1891	1911	Smallpox	India	India	None	Hindu	None	None
1013	33	M	1892	1912	Smallpox	India	India	None	Hindu	None	None
1014	34	F	1893	1913	Smallpox	India	India	None	Hindu	None	None
1015	35	M	1894	1914	Smallpox	India	India	None	Hindu	None	None
1016	36	F	1895	1915	Smallpox	India	India	None	Hindu	None	None
1017	37	M	1896	1916	Smallpox	India	India	None	Hindu	None	None
1018	38	F	1897	1917	Smallpox	India	India	None	Hindu	None	None
1019	39	M	1898	1918	Smallpox	India	India	None	Hindu	None	None
1020	40	F	1899	1919	Smallpox	India	India	None	Hindu	None	None

NAME	AGE	SEX	DATE OF BIRTH	DATE OF DEATH	CAUSE OF DEATH	PLACE OF BIRTH	PLACE OF DEATH	EDUCATION	RELIGION	MARRIAGE	CHILDREN
1021	41	M	1900	1920	Smallpox	India	India	None	Hindu	None	None
1022	42	F	1901	1921	Smallpox	India	India	None	Hindu	None	None
1023	43	M	1902	1922	Smallpox	India	India	None	Hindu	None	None
1024	44	F	1903	1923	Smallpox	India	India	None	Hindu	None	None
1025	45	M	1904	1924	Smallpox	India	India	None	Hindu	None	None
1026	46	F	1905	1925	Smallpox	India	India	None	Hindu	None	None
1027	47	M	1906	1926	Smallpox	India	India	None	Hindu	None	None
1028	48	F	1907	1927	Smallpox	India	India	None	Hindu	None	None
1029	49	M	1908	1928	Smallpox	India	India	None	Hindu	None	None
1030	50	F	1909	1929	Smallpox	India	India	None	Hindu	None	None

NAME	AGE	SEX	DATE OF BIRTH	DATE OF DEATH	CAUSE OF DEATH	PLACE OF BIRTH	PLACE OF DEATH	EDUCATION	RELIGION	MARRIAGE	CHILDREN
1031	51	M	1910	1930	Smallpox	India	India	None	Hindu	None	None
1032	52	F	1911	1931	Smallpox	India	India	None	Hindu	None	None
1033	53	M	1912	1932	Smallpox	India	India	None	Hindu	None	None
1034	54	F	1913	1933	Smallpox	India	India	None	Hindu	None	None
1035	55	M	1914	1934	Smallpox	India	India	None	Hindu	None	None
1036	56	F	1915	1935	Smallpox	India	India	None	Hindu	None	None
1037	57	M	1916	1936	Smallpox	India	India	None	Hindu	None	None
1038	58	F	1917	1937	Smallpox	India	India	None	Hindu	None	None
1039	59	M	1918	1938	Smallpox	India	India	None	Hindu	None	None
1040	60	F	1919	1939	Smallpox	India	India	None	Hindu	None	None

NAME	AGE	SEX	DATE OF BIRTH	DATE OF DEATH	CAUSE OF DEATH	PLACE OF BIRTH	PLACE OF DEATH	EDUCATION	RELIGION	MARRIAGE	CHILDREN
1041	61	M	1920	1940	Smallpox	India	India	None	Hindu	None	None
1042	62	F	1921	1941	Smallpox	India	India	None	Hindu	None	None
1043	63	M	1922	1942	Smallpox	India	India	None	Hindu	None	None
1044	64	F	1923	1943	Smallpox	India	India	None	Hindu	None	None
1045	65	M	1924	1944	Smallpox	India	India	None	Hindu	None	None
1046	66	F	1925	1945	Smallpox	India	India	None	Hindu	None	None
1047	67	M	1926	1946	Smallpox	India	India	None	Hindu	None	None
1048	68	F	1927	1947	Smallpox	India	India	None	Hindu	None	None
1049	69	M	1928	1948	Smallpox	India	India	None	Hindu	None	None
1050	70	F	1929	1949	Smallpox	India	India	None	Hindu	None	None

NAME	AGE	SEX	DATE OF BIRTH	DATE OF DEATH	CAUSE OF DEATH	PLACE OF BIRTH	PLACE OF DEATH	EDUCATION	RELIGION	MARRIAGE	CHILDREN
1051	71	M	1930	1950	Smallpox	India	India	None	Hindu	None	None
1052	72	F	1931	1951	Smallpox	India	India	None	Hindu	None	None
1053	73	M	1932	1952	Smallpox	India	India	None	Hindu	None	None
1054	74	F	1933	1953	Smallpox	India	India	None	Hindu	None	None
1055	75	M	1934	1954	Smallpox	India	India	None	Hindu	None	None
1056	76	F	1935	1955	Smallpox	India	India	None	Hindu	None	None
1057	77	M	1936	1956	Smallpox	India	India	None	Hindu	None	None
1058	78	F	1937	1957	Smallpox	India	India	None	Hindu	None	None
1059	79	M	1938	1958	Smallpox	India	India	None	Hindu	None	None
1060	80	F	1939	1959	Smallpox	India	India	None	Hindu	None	None

