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# ANNUALREPORT

OF THE

## MEDICAL OFFICER OF HEALTH,

FOR THE YEAR ENDED DEC. 31st, 1900.

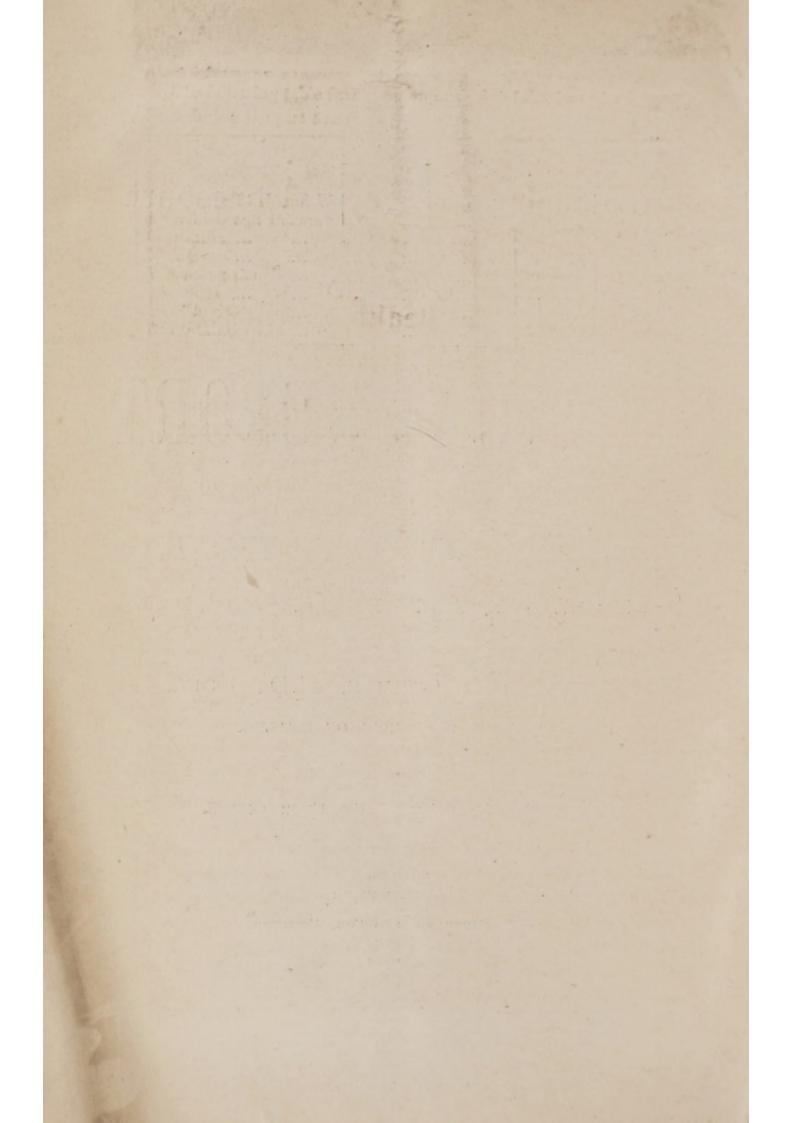
WALTER C. GARMAN, M.D., EDIN.,
MEDICAL OFFICER OF HEALTH.

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1901.



## BOROUGH OF WEDNESBURY.

# Report upon the Health of Wednesbury,

FOR THE YEAR 1900,

BY

WALTER GARMAN, M.D., Edin., Medical Officer of Health.

TO THE MAYOR AND MEMBERS OF THE WEDNESBURY
TOWN COUNCIL.

MR. MAYOR AND GENTLEMEN,

I have pleasure in presenting to you my Annual Report for the year 1900. The statistics are calculated upon an assumed population of 26,000, as was done in the two preceding years. In the course of a few months we shall obtain the figures accurately from the census returns. The Borough Surveyor tells me that 23 new houses have been erected during the year. Further I have ascertained that no habitable houses are at present void. Such dwellings as are unoccupied are closed by the Sanitary Authority owing to their insanitary condition.

### I.—VITAL STATISTICS.

The number of births registered during 1900 was 925 (males 461, females 464) which is equal to a birth-rate of 35.5 per 1,000 of the population. The natural increase of births over deaths was 399. The deaths from all causes numbered 526, which is equal to a death-rate of 20.2 per 1,000 of the population. The deaths of children under 5 years of age numbered 266 or 50.05 per cent of the total deaths. Of these 161 were under one year of age.

The following table furnishes an analysis of deaths under 5 years of age during the past five years :—

		-			1896	1897	1898	1899	1900
Premature	Birth a	ind	Wasting	Diseases	 75	82	69	81	64
Bronchitis	and Pr	eur	nonia		 44	33	47	30	39
Scarlatina					 . 2	6	-	3	4
Measles					 49	8	16	2	59
Whooping	Cough				 10	-6	12	21	1
Diarrhœa					 5	36	59	59	43
Diphtheria				14.0	 5	1	-	_	-
Other Caus	es				 81	95	46	45	56
					271	267	249	241	266
Percentage	of Tota	d D	eaths		 51.3	53.5	51.2	50.2	50.0

These figures shew what has been observed in most years, viz: the occurrence of half the total deaths amongst children under five years of age. In this connection I have nothing to add to what I have stated on previous occasions.

The next table gives the deaths due to zymotic disease, 116 in number and equal to a death-rate of 4.4 per 1000. For the purpose of comparison the corresponding figures for the preceding four years are included in the table:—

					1896	1897	1898	1899	1900
Fever,—Simple co Scarlet Fever Measles Diphtheria Diarrhœa	ontinu	 ned, and 	Typho:	id	5 3 53 5 6 10	-4 10 9 2 39 6	10 18 63 12		4 6 59 46
Whooping Cough  Total					82		103		1 116
Death-rate	per	1,000			3.2	2.7	3.9	3.7	4.4

Reference must be made to the very fatal nature of the measles epidemic which occasioned no fewer than 59 deaths. It is difficult to say anything upon this subject, although the disease was responsible for no less than 11:2 per cent of the deaths from all causes. Public opinion is, so far, opposed to the idea of isolating measles or to regarding the disease seriously; and I am convinced that the town will regard this very heavy death-list with perfect equanimity. So long as this is the case, and so long as the public continue to view measles as a triffing ailment, not even calling for medical advice until some serious complication is superadded to the main attack, so long shall we continue to record a long list of fatal cases whenever the disease becomes epidemic. The very heavy mortality from measles, and this alone accounts for the unusually high zymotic death-rate, viz: -4.4 per 1000, a rate which is altogether excessive for Wednesbury, and the highest recorded during the past decade.

It is convenient at this point to refer to the working of the Notification of Infectious Diseases Act during the year The total number of cases notified was 254 made up as follows: Diphtheria 28; Membranous Croup 3; Erysipelas 26; Scarlet Fever 154; Enteric Fever 42; and Puerperal Fever 1. The cost to the town for these notifications amounted to £31 15s. Od., or £1 4s. 6d. per 1000 of the population. This cannot fail to be satisfactory to the Council. The fact that no deaths resulted from Diphtheria, although 26 cases were notified, strikes one as peculiar, and points to a very mild type of the disease, allowing that all the cases notified were truly diphtheritic It will be observed that no fewer than 154 cases of Scarlatina were notified, and these were not limited to any one period of the year, but were spread over the entire twelve months. Here again it may be said that the type of the disease was distinctly mild, the deaths only numbering six. The returns shew that 42 cases of Enteric Fever occurred during the year, with 4 deaths, a number which tends to indicate that many of the cases were of a mild type, It will be seen from the Sanitary Inspector's Report that 92 houses were disinfected during the year. Most of these disinfections were after Seeing that a large number of the cases at the end of the Scarlatina. year were still under treatment, and that in some instances several cases of Fever occurred in the same house, this record may be regarded as quite satisfactory.

Epidemic, or, as we may almost say Endemic Influenza was responsible during the year for 10 deaths. This is greatly to be regretted, but up to the present time no means are available for controlling the spread of this troublesome and fatal malady. It is almost a pity that the disease has no constant and distinctive rash to indicate the presence of the poison. If this were so, the affection would be seriously regarded by the public, which at present is not the case.

The next table gives the mortality from pulmonary disease : -

Year.	Bronchit's and Pneumonia.	Phthisis.	Total.
1896	96	20	116
1897	73	26	99
1898	97	20	117
1899	73	21	94
1900	83	35	118

Following is a statement of the vaccination performed during the year ending June, 1900.

Births Regis- tered.	Success- fully vac- cinated.	Insus- ceptible	Dead unvacci- nated.	Medical postpone ment.	Certificates sent in of conscientious Objection	Removals known.	Removals unknown	Defaulters.
945	503	7	129	21	67	15	44	159

The inquests held by the Coroner numbered 26 and may be thus classified : —

Natural Ca	uses	·	 10
Accident			 14
Suicide			 2
		Total	 26

The next table sets forth the deaths occurring during 1900 from all sources, classified according to diseases and ages for the four quarters, and of births for the same period :—

Measles Searlatina, Diphtheria Croup not Spasmodie Whooping Cough Erysipelas Puerperal Fever Phathisis	1 6 7 1 34	1 15 18 5 6 43	1 10 1 10 3 25	3 . 1 8 13 10 1 28	50 4 26	4 4 10 2 24	7 18 1 29	2 1 8 9 8 2 29	0 46 2 1 35 83 34 15 238
Measles Scarlatina Diphtheria Croup not Spasmodic Whooping Cough Enteric or Typhoid Pheumatic Fever Diarrhoea or Dysentery Frysipelas Puerperal Fever Puerperal Fever Puerperal Fever Puerperal Fever Puerperal Fever Puerperal Fever	9	1 15 18 5	10 1 10	. 1 8 13 10		4 10	18	1 8 9 8	46 2 1 35 83 34 15
Measles Scarlatina Diphtheria Croup not Spasmodie Whooping Cough Enteric or Typhoid Diarrhoea or Dysentery Erysipelas Puerperal Fever Puerperal Fever	9	1 15 18	10 1	. 1 8 13		4		1 8 9	46 2 1 35 83 34
Measles Scarlatina Diphtheria Croup not Spasmodie Whooping Cough Enteric or Typhoid Diarrhoea or Dysentery Erysipelas Frysipelas Puerperal Fever Puerperal Fever	9	1 15	10 1	. 1 8				1 8	46 2 1 35
Measles Scarlatina Diphtheria Croup not Spasmodie Whooping Cough Enteric or Typhoid Biarrhea or Dysentery Erysipelas		1 15	10	. 1 8				1 8	46 2 1 35
Measles Scarlatina Diphtheria Croup not Spasmodie Whooping Cough Enteric or Typhoid Biarrhea or Dysentery Erysipelas		1	10	н .	0.7		7	103	46 2 1
Measles Scarlatina Diphtheria Croup not Spasmodic Whooping Cough Enteric or Typhoid Rheumatic Fever Diarrhea or Dysenter			10		0.7		-	103	46 2
Measles Scarlatina Diphtheria Croup not Spasmodic Whooping Cough Enteric or Typhoid Rheumatic Fever			10		03		-	~	46
Measles Scarlatina Diphtheria Croup not Spasmodie Whooping Cough Enterie or Typhoid Rheumatic Fever		1			03		7	2	
Measles Scarlatina Diphtheria Croup not Spasmodic Whooping Cough Finteric or Typhoid	1	1	1	10					
Measles Scarlatina Diphtheria Croup not Spasmodic Whooping Cough	1	-	-	14.3					
Measles Scarlatina Diphtheria Croup not Spasmodic	1		-						4
Measles Scarlatina Diphtheria	1								-
Measles								-	03
Measles					-				0
					-	-	S	N	9
	0		45	-	=======================================		-		59
									0
Smallpox.						3		7	0
	Under 5 years	5 years and upwards	Under 5 years	5 years and upwards	Under 5 years	5 years and upwards	Under 5 years	5 years and upwards	
60 years and upwards	41		31		17	-	20	-	601
25 and under 60 years	38		27		23		35		123 109
15 and under 25 years	9		4		67		10		15
5 and under 15 years	4		N		ю		4	7	13
I and under 5 years	17		45		21		22		
Under I year	34		50		41		36		161 105
səzu Ilu AA	140		159		101		50		929
Regratered Births	233		254		28	1777	101		25
	17		55		60		4		60
T P									7 25
									287
th.	7				111		105		464
Br	114				117		105	Y	461 464 287 259 925 526 925 526
	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		
8 8.	Under I year  5 and under 5 year  55 and under 55 year  60 years and upward  Pyœmin  Pyœmin  Measles	Quarter 114 119 69 71 232 140	Quarter 114 119 69 71 Smallpox.  Quarter 114 119 69 71 Smallpox.  At all ages  Under I year  Smallpox.  Scarlatina  Scarlatina  Scarlatina  Scarlatina  Scarlatina  Scarlatina	125 129 94 65 254 159 69 71 237 Under 5 years  125 129 94 65 254 159 69 72 31 Under 5 years  125 129 94 65 254 159 50 45 72 73 Under 5 years  125 129 94 65 254 159 50 45 72 73 1 Under 5 years  125 129 94 65 254 159 50 45 72 73 1 Under 5 years  125 129 94 65 254 159 50 75 75 75 75 75 75 75 75 75 75 75 75 75	Births, Deaths, Deaths	Auarter 117 111 58 49 228 107 41 21 3 Under 5 years and upwards 5 years and upwards 5 years and upwards 5 years and upwards 6 years and upwards 6 years 25 years and upwards 71 Under 5 years and upwards 72 25 years and upwards 72 25 years and upwards 73 Under 5 years and upwards 74 25 years and upwards 75 years 25 years 26 years 27 27 28 years 28 107 Under 5 years 28 107 Under 5 years 28 107 Under 5 years 29 20 20 20 20 20 20 20 20 20 20 20 20 20	Auarter 117 111 58 49 228 107 41 21 2 5 years and upwards  Quarter 117 111 58 49 228 107 41 21 5 years and upwards  Quarter 117 111 58 49 228 107 41 21 5 years and upwards  Quarter 117 111 58 49 228 107 41 21 5 years and upwards  Quarter 117 111 58 49 228 107 41 21 5 years and upwards  11	Quarter       117       111       58       49       228       100       41       11       11       11       11       11       11       11       11       12       12       12       13       14       15       15       15       15       15       15       14       15	58

## URBAN DISTRICT OF WEDNESBURY.

Causes of, and Ages at, Death during the Year 1900.

	Deat	hs in w	hole Di	strict a	it subje	ined	Deaths in Localities
Causes of Death.	Under 1.	1 and under 5	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards	
Small-pox .							
Measles	14	45	0	,			59
Scarlet Fever		3	2	1			6
Whooping Cough	1	1					1
Diptheria & Mem-			-				
branous Croup		1	1				2
Croup	-	1	1				-
Foren Francis	1		2	1	1	-	4
Fever { Typhus Enteric Other cont'd			-	- *			
Epidemic Influenza				1	7	2	10
Cholera							
Plague							
Diarrhœa	27	16			2	1	46
Puerperal Fever	and the second second				1		1
Erysipelas					1		2
Other septic diseases							
Phthisis				6	29		35
Other tubercular						1	
diseases		-					
Cancer, malignant					_	1	-
disease	1			-	12	17	7 54
Bronchitis		9	1	1	13	17	29
Pneumonia	6	11	1	1	9	1	20
Pleurisy							
Other diseases of					1		
Respiratory organs							
Alcoholism							
Cirrhosis of Liver \( \) Venereal diseases					1		1
Premature Birth	19						19
Diseases and acci-	10				-		
dents of parturition	1	1 61				A	1
Heart diseases		1		1	15	17	34
Accidents	3	1	1	2	5	1	13
Suicides		1	1		1	1	2
All other causes	78	17	5	1	60	40	201
			10	1.	150	80	526
All causes	161	105	13	15	152	1 00	. 020

Following is a table giving the average birth-rate and zymotic rates for the past ten years :-

Estimated population.			Death-rate per 1,000 living.	Birth-rate per 1,000 living.	Zymotic death-rate
25,300	881	514	20.3	34.0	1.6
	966	440	17.3	38.0.	2.4
	847	473	18.7	33.4	1.6
	825	402	15.8	32.6	2.4
	872	499	19.7	34.4	1.9
	959	528	20.8	37.9	3.2
	899	499	19.7	35:5	2.7
26,000	938	486	18.6	36.0	3.9
- ,,	900	480	18.4	34:6	3.7
	925	526	20.2	35.5	4.4
	25,300 " " " " " " " " " " " " " " " " " "	population. Births.  25,300 881 966 847 825 872 959 899 26,000 938 900 925	population.         Births.         Deaths.           25,300         881         514           ,,         966         440           ,,         847         473           ,,         825         402           ,,         959         528           ,,         899         499           26,000         938         486           ,,         900         480           ,25         526	Estimated population. No. of Births. Deaths. D	Estimated population. No. of Births. Deaths. Per 1,000 living. Per 1,000 living.  25,300 881 514 20·3 34·0  966 440 17·3 38·0  847 473 18·7 33·4  825 402 15·8 32·6  872 499 19·7 34·4  959 528 20·8 37·9  899 499 19·7 35·5  26,000 938 486 18·6 36·0  900 480 18·4 34·6  925 526 20·2 35·5

Following is a list of deaths occurring during the year in each street, the zymotic deaths being separately indicated:—

Street.		D	eaths from all causes.	Zymotic deaths.
Addison Street		 	6	2
Albert Street		 	11	ī
Alma Street		 	2	
Birmingham Street		 	- 1	
Brookside		 	1	
Buteroft		 	1	
Bilston Road		 	7	- 7
Brunswick Terrace		 	1	
Brunswick Park Road		 	3	1
Bright Street		 	5	2
Brickkiln Street		 	5	1
Bridge Street		 	13	3
Chapel Street		 	4	1
Chapel Street, Kings I		 	4	
Corns Street		 	1	
Camphill Lane		 	7	2
Church Hill		 	4	
Camp Street		 	6	3
Church Street		 	15	2
Church Street, Kings		 	1	
Cobden Street		 	7	
Cook Street		 	7	1
Cross Street		 	8	3
Crankhall Lane		 	3	
Delves		 		
Dale Street		 	5	1
Dangerfield Lane		 	7	2
Darlaston Road		 	12	
Darlington Street		 	8	1
Dudley Street			20	5
Elwell Street		 	3	- 1
Foley Street		 	3	
Foster Street		 	11	6.
Franchise Street		 	8	1
Friar Street		 	3	
Great Western Street		 	2	1
George Street		 	4	- 1
Hall End		 	4	1
High Bullen		 	5	2
High Street		 	7	1
Hill Street ,			3	
Hydes Lane	1000	 	4	
Hobbins Street		 	6	
Hobbs Hole		 	1	
Holyhead Road			15	1
3	***			

Street.			ths from causes.	Zymotic deaths.
		1		
		 	1	1
		 	2	1
		 ***	13	3
		 	6	1
		 	3	1
		 	1	
		 	6	1
		 	5	2
		 	2	1
		 	3	1
Meeting Street		 	12	5
		 	2	
		 	21	4
North Street		 	1	
New Street		 	6	
Oakeswell Street		 	3	
Old Park Road		 	4	
Old Union Street		 	5	2
Oxford Street		 	9	2
Perry Street		 	5	1
Piercy Street		 	5	1
Pritchard Street		 	1	
Portway Road		 	39	14
Pottore Lane		 	7	3
Park Street		 	2	
Pinfold Street		 	3	1
		 	4	
Russell Street		 	10	2
Ridding Lane		 	2	
School Street		 	1	
School Street Kings H	ill	 	1	
Short Street		 	2	1
St. James' Street		 	2 5	î
Stafford Street		 	5	î
Terrace Street		 	4	2
Trouse Lane		 	6	3
Union Street		 	12	. 2
Vicarage		 	4	-
Victoria Street		 	2	
Wellcroft Street		 	6	2
Wood Street		 	3	-
Walsall Road		 	4	-0
Walsall Road, Kings H		 	12	1
Wood Green		 	13	1
Windmill Street		 	4	
		]		

## SANITARY WORK.

Appended is a table shewing the work carried out in the Sanitary Inspector's Department :—

Various Nuisances reported upon for Abatement.	No. of Nuisances reported.	No. of Nuisances abated.
De a Di Li d		
Defective Drains requiring Opening or Cleaning	96	92
,, Spout Drains	12	11
17 1	4	4
,, Keeping of Fowls, &c Filthy condition of Premises	60	60
,, ,, Accumulation of Water in	-	-
Cellar	6	6
" Foul or Defective Urinal	4	4
The Overcrowding of Houses	6	6
Swine kept as to be a Nuisance	6	6
Unwholesome Houses, filthy, or with defective roofs	53	10
Houses Disinfected, Cleansed, and Purified, where	55	49
Zymotic Disease has occurred	92	92
Accumulation of Wash, Deposits of Offensive	7	7
Matter, &c		
Foul and Defective Ashpits or Privies	74	68
Houses where the Ashpit or Privy belonging there		
to are so defective as to require reconstruction	11	10
Foul condition of Water Closets	14 2	14
Defective condition of Manure Pits	3	2 3
" " " Cesspools	2	2
Private Houses require connections made to Public		
Sewer	18	16
Slaughter Houses require connections made to		
Public Sewers	0	. 0
Houses closed as unfit for human habitation	6	6
Additional Privies required	5 3	5 3
Miscellaneous Lodging Houses visited by day	30	0
Lodging Houses visited by day	2	
Preliminary Notice served	315	
Final Notices served	162	
Whitewash Brushes lent	607	
Ashpits and Cisterns cleansed	3,703	
Total Number of Nuisances reported	497	10
Nuisances not abated by December 31st, 1900		17

Wednesday  Notice 1  Notice 2  Notice 3  Notice 4  Notice 4  Notice 5  Notice 6  Notice 6  Notice 6  Notice 7  Notice 7  Notice 7  Notice 8  Notice 9  Notic						
Naisangees  Natherity  Natherity  Natherity  Natherity  National	80	70				
Naisangees  Nathority  Nather defects  Notice by  Authority  Notice by  Authority  Notice by  Notic	tio	-30				1
Naisangees  Nathority  Nather defects  Notice by  Authority  Notice by  Authority  Notice by  Notic	fec	10 8	Prosecutions for exposure			
Naisangees  Nathority  Nather defects  Notice by  Authority  Notice by  Authority  Notice by  Notic	ini	.98gg	existence of infectious disc			
Naisangees  Nathority  Nather defects  Notice by  Authority  Notice by  Authority  Notice by  Notic	ast e.	-				
Naisangees  Nathority  Nather defects  Notice by  Authority  Notice by  Authority  Notice by  Notic	air					252
Naisangees  Nathority  Nather defects  Notice by  Authority  Notice by  Authority  Notice by  Notic	ag	Buin				
Naisangees  Natherity  Natherity  Natherity  Natherity  National	ns					
Naisangees  Natherity  Natherity  Natherity  Natherity  National	tio	-				
Naisangees  Nathority  Nather defects  Notice by  Authority  Notice by  Authority  Notice by  Notic	nes	72.5			92	
Naisangees  Natherity  Natherity  Natherity  Natherity  National	rec					
Natistances Nations   Natistances   Natistan	4			distribution of the same of th		
Notice by Notice	-					
Notice by Notice	anc	as b				_
Nuisances Notice by Salar Structural defects of unditations.  Nuisances Notice by Salar Structural defects of unditation.  Notice by Salar Structural defects of unditation.  Notice by Salar Structural defects of unditation.  Structural defects.  Structural defects.  Structural defects.  Structural defects.  Structural defects.  Structural defects.  Salar Structural defe	y	101				
Nuisances Notice by Salar Structural defects of the salar short of the	P.P.	-				
Nuisances Notice by Salar Shore and Animals improperly kept.  Notice by Salar Shore and Milkshops.  Sa	8m wa					
Nuisances Notice by Salar Structural defects of unditations.  Nuisances Notice by Salar Structural defects of unditation.  Notice by Salar Structural defects of unditation.  Notice by Salar Structural defects of unditation.  Structural defects.  Structural defects.  Structural defects.  Structural defects.  Structural defects.  Structural defects.  Salar Structural defe	po		sisylsas,			
Nuisances by Authbority, Same and Milkehope, Same and Same	FC	-				
Nuisances  Nuisances  Notice by	-	1 .boo	Seizures of unwholesome fo			
Nuisances  Nuisances  Notice by	100		Totals.	510	325	360
Nuisances  Nuisances  Notice by  Nation  Notice by  Not	-		Other nuisances,	12		
The positions   National Conditions   Nati	-				:	
Nuisances  Nuisances  Notice by	1				1000	
Nuisances  Noticer  N	-	3 11		9	9	9
Nuisances Notice.  No				9	9	9
The and spection observations.  Notice.  Notice.			Water supply.			
The and spection observations.  Notice.  Notice.	9 1	1 -		17	17	16
Nuisances  Nuisances  Notice.	ain	age	No disconnection.			1
Nuisances  Nuisances  Notice.	P.F	8	Defective Taps.	96	96	85
Nuisances  Nuisances  Notice.		-	Water-closets,	14	41	14
Nuisances  Notice. Notice.  No		.911		-	-	7
Nuisances  Notice.  N				74	74	89
Nuisances  Notice.  Notice.  Notice.				:		
Nuisances  Notice.  N	-					
Nuisances  Notice.  Notice.  Notice.	-	-				
Nuisances  Notice.	-	-			-	
Nuisances Authority. So of Overcrowding.  Notice. Notice.	1-		Dairies and Millehem	0	10	
Nuisances abated Notice.	16		Unit for habitation.	63		
Inspection and observations made.  Formal notice by Authority.  Nuisances abated after Notice.	lin	pole				
Inspection and observations made.  Formal notice by Authority.  Nuisances abated after Notice.	Wel	ar		1		
Inspection and observations made.  Formal notice hy Authority.  Nuisances ahated after Notice.	14	172		23	23	49
	1			-	~	-
	100			on	- 86	8
				ati de.	ma e h	ted ted ice.
				Spe R1 R1 ma	tic	nisa afra fot
			The state of the s	In	T no	Z A
District and Populatio	1		é I		S.	
Distrand and Popula Vednesh 26,000	1		tio		our	
Popi Vedn			str and ila		es)	
A A			id ob		dn 26,	
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I am pleased to say that the Hospital was not called into requisition during the year for the treatment of Small-pox patients; no case of the disease having arisen. Acting however upon the authority entrusted to me, I authorised the admission to our wards of five cases of Scarlatina, which were being treated outside under wholly unfavourable conditions. Three of the cases were removed from 3 Addison Street, where other brothers and sisters were in the same house, under the sole care of the mother. Of these three cases, one aged 2 years died fourteen days after admission. The fourth case, a lad from 65, Church Street was under the care of his widowed mother, who also superintended the remaining four or five children and managed a small shop. The fifth case came from 2 Court 6 House, Bridge Street and was in equally unfavourable surroundings. Towards the end of the year I attended a meeting of the Sanitary Committee to explain the circumstances under which I had admitted the cases to Hospital. At this meeting a discussion took place which indicated a feeling in favour of erecting special hospital accommodation for the treatment of Scarlatinal cases, where the home accommodation might be insufficient. I can only now express a hope that the matter may go further than mere discussion, and that the the Sanitary Committee may shew their seriousness of purpose by giving practical effect to the feeling then expressed. I may say that the average duration of the treatment in hospital of the Scarlatinal cases was six weeks.

I take this opportunity of reminding the Council that so far my suggestions with reference to the polishing and improving of the Hospital floors have not been carried out, nor has a suitable ambulance been provided. Possibly before my next Annual Report becomes due, these defects may have been remedied. This also would seem to be the place to remind the Council, that no effect has so far been given to my recommendations respecting the provision of proper buckets with lids, for the removal of the excreta from Typhoid cases. When I reported upon this matter, I supplied the name and address of the maker of these articles together with the price. So far nothing has been sanctioned by the Sanitary Committee. Seeing that no fewer than 42 cases of Enteric Fever have been treated in the town during the year, it is plain that a large number of middens must have been fouled by the typhoid excrement. This must mean a real and practical danger to the inhabitants. The midden system at best is an unwholesome and

dangerous arrangement. But surely it becomes much more so, if an admixture of the ordinary midden contents with typhoid excreta be permitted to occur. I would recommend that the matter should again receive the attention of your Committee; and that in addition to the provision of the needful articles, one of the town's servants be appointed to carry out the systematic removal of the utensils and the discharge of the excreta directly into the sewer.

I trust it may appear to the Council that none of the foregoing recommendations are unreasonable or excessive, and consequently that they should be carried out for the benefit of the town's health. Obviously by such co-operation alone is it possible for your Health Officer to work for the improvement of sanitation, and I can assure you that practical encouragement of this kind is urgently needed by me in the discharge of duties which are of great importance, but which cannot be accomplished without your generous support.

The vaccination record for the year ending June 30th, 1900, is very similar to that of the previous year, and does not shew such an improvement as I anticipated. The fact that there were 159 defaulters who refused vaccination, taken together with the fact that no prosecutions were instituted by the persons responsible for the proper working of the Vaccination Acts, shews that no proper system has been followed, and that means created for giving effect to the require ments of the Act have been completely neglected. I feel it my duty to speak here of the uniform excellence of the calf lymph supplied by the Government, the results obtained by its use have been all that could be desired. Of the total number of vaccinations done, it must not be forgotten that a considerable number consisted in vaccination in one place only. Experience has shewn that the protection against Smallpox thus afforded is very transient, and such a practice cannot be too strongly condemned. My reason for emphasising this point again and again is that when we presently have to deal with the inevitable visitation of Small-pox, a number of such imperfectly protected persons will certainly contract the disease. The opponents of vaccination will adduce such cases as evidence of the inefficiency of vaccination, and thus endeavour to bring the operation into disrepute. Hence I consider it advisable to keep the point prominently in evidence. With regard to vaccination by one insertion I may say that such a practice

should be prohibited. Probably in order to do this effectively, public Vaccinators throughout the country should bring the matter before the General Medical Council who might be disposed to insist upon the abolition of the practice.

The following properties may be mentioned as amongst those that have been improved during the year:—

- 1 to 20, Dale Street Terrace.—These premises have been redrained, the paving restored, sinks and woodwork put in order; also ashpits and privies put into a sanitary condition.
- 8, Lower Dudley Street.—Additional privy erected and the premises effectually drained.
- 91 to 100, Albert Street. Old water course removed and each house connected to the public Sewer.

Waterworks Cottages and 65 and 66, Church Hill.—Dumbwell used for drainage purposes filled up and 3 houses connected to public sewer, ashpits and privies made sanitary.

- 23 to 25 Lower High Street.—Additional privy erected and ashpit made sanitary.
- 40 to 44, Portway Road.—Four houses closed and the whole afterwards repaired and amended as to be made sanitary dwellings; also outbuildings repaired.

Temperance Hall.—Old privy and privy cisterns removed and water-closet erected.

60, 61 and 62, Holyhead Road.—Water-course to Albert Street closed and the premises drained into the public sewer in Holyhead Road.

110 and 111, Albert Street.- Ashpit and privy removed and water closet erected.

112 and 155, Albert Street.—Ashpits and privies re-constructed.

I have in conclusion to acknowledge the assistance I have received during the year from your Sanitary Inspector.

I remain, Mr. Mayor and Gentlemen,

Yours faithfully,

WALTER GARMAN, M.OH.





