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REPORT
ON THE
HEALTH OF BILSTON
FOR THE YEAR 1894,

BY
T. RIDLEY BAILEY, M.D., EDIN.,
MEDICAL OFFICER OF HEALTH.

PRINTED BY ORDER OF THE SANITARY AUTHORITY.



BILSTON :

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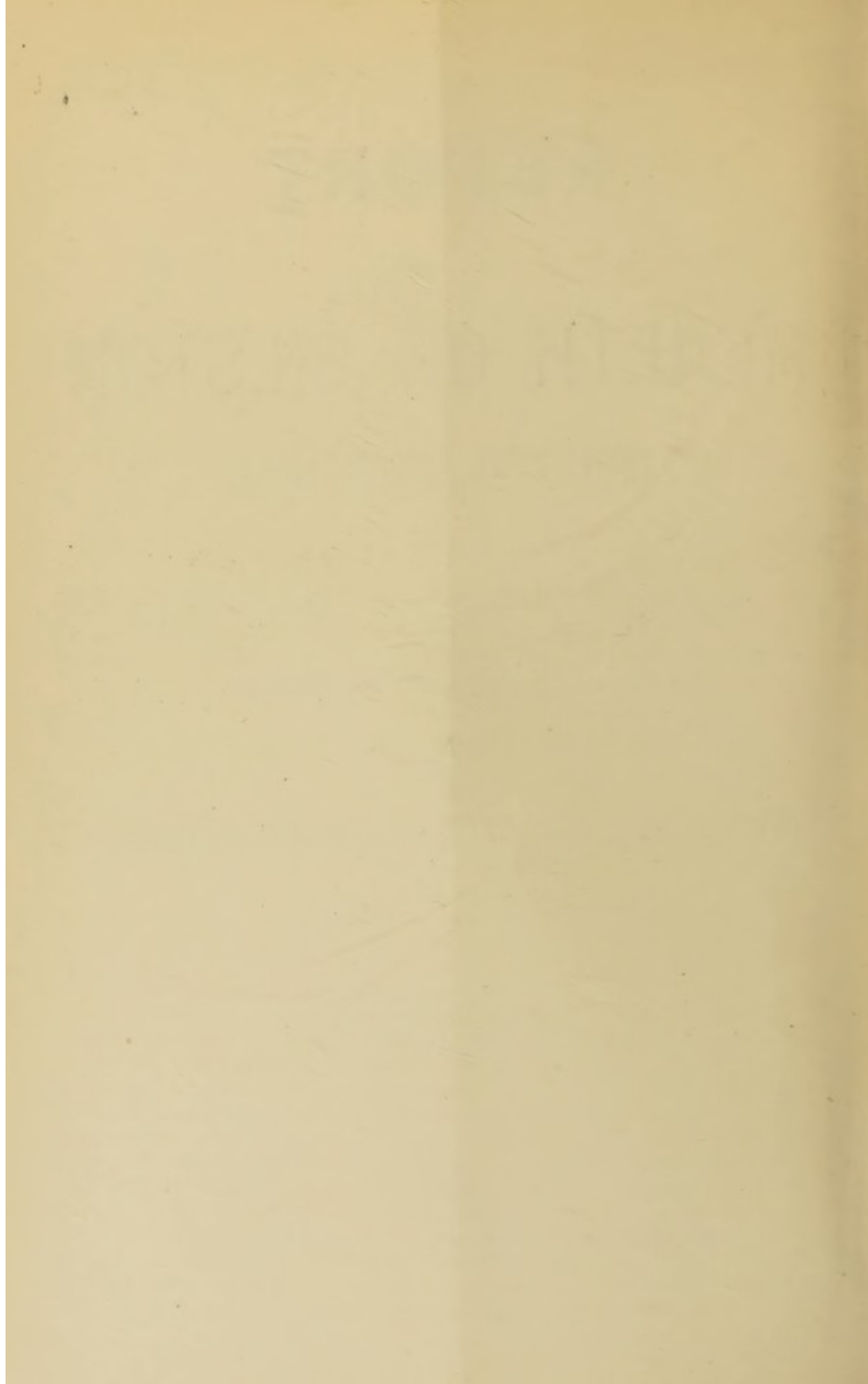


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BILSTON :

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TO THE CHAIRMAN AND MEMBERS OF THE URBAN
DISTRICT COUNCIL OF BILSTON.

Gentlemen,

In presenting my TENTH ANNUAL REPORT upon the Health and Sanitary Condition of Bilston for the year 1894,—I shall give an account of the Vital Statistics, and a Summary of the Sanitary Work done during the year.

PREVENTION OF DISEASE.

Smallpox.—On May 30th, a case of Smallpox in Moxley, just on the borders of this town, was notified. On investigation, it was found that the patient had been in the habit of visiting a neighbouring district where the disease was in existence.

It will be remembered that an Iron Hospital had been erected towards the end of the previous year, as a temporary arrangement for the isolation of Smallpox cases, and to this building the patient was promptly moved. The house was thoroughly disinfected by the Sanitary Inspector, and re-vaccination suggested to the other inmates. On June 8th, notification of another case in Coseley Street was made, that of a man who had attended the funeral of a Smallpox patient at Willenhall. The house was a poor, dirty one, situated in a court, and several persons had visited the patient before the case became known, three being in the house at the time of our visit. He was at once removed to the Hospital. Three days after, a third case—that of a man who served in a public-house, and who was thereby brought much into contact with persons of all kinds, appeared. No further cases developed until July 16th, when a certificate of one in Lester Street was received. This man worked at Willenhall in a shop where two of his fellow-workmen had been attacked with the disease. On the 20th another was reported in Wolverhampton Street, and two more before the end of the month.

Ten cases were notified during the month of August, when the disease reached its height, three being in one house and three in another, in both of which a case had previously been notified, making eight cases in two families. Three cases were reported in September, three in October, eight in November—five of these being in one house and two in another, and one in December, making a total of 32 in 23 houses to the end of the year,—one of which terminated fatally.

It is satisfactory to note that the wave of infection in passing over the district produced comparatively slight results, more particularly when we remember how the disease had existed for a considerable period in many of the neighbouring towns and to a very formidable extent in some. Indeed the visitations have been in the nature of local outbreaks, more or less distinct, due to some definite importation, rather than such an infection of the district as is usually understood by the term Epidemic. This gratifying result has been largely due to the prompt removal of all the cases—with one exception—to the Hospital, the disinfection of bedding, clothes, &c., and the comparatively well protected condition of the community (as will be shewn further on) from vaccination.

Scarlet Fever.—Scarlet Fever has now been prevalent for some time, and during the year, 94 cases were notified, in 89 houses, as compared with 235 in 1893, and 168 in 1892. 17 occurred in January, 7 in February, 7 in March, 8 in April, 3 in May, 10 in June, 10 in July, 2 in August, 2 in September, 11 in October, 10 in November, and 7 in December. Eight of the patients died, six being children under five years of age.

39 patients, or 41 per cent, were removed to the temporary Cottage Hospital. It is hardly necessary for me to say how important complete and prolonged isolation is in this disease, when infection often continues long after apparent convalescence. It is extraordinary the amount of carelessness and indifference displayed by many in dealing with this and kindred complaints, and I look for the time when people will be more thoroughly educated in their duty not only to affected children but to the other inhabitants of the community. It would be a great help to the Sanitary Officials, if when cases of infectious disease are treated at home, the medical practitioner would forward a certificate on the termination of his attendance, stating that the patient was entirely free from infection and the premises were ready for disinfection.

Typhoid Fever.—14 cases of Typhoid Fever, in 14 houses, were notified during the year, viz:—1 in January, 1 in February, 2 in March, 1 in April, 2 in May, 1 in July, 2 in August, 1 in September, 1 in October, and 2 in November.

The premises were in every case inspected, and investigation made into the condition of the drainage, water supply, milk supply, &c., but in none were there any definite causes discovered. The disease was never epidemic, and in only one case did death ensue.

Diphtheria and Membranous Croup.—This district has been very fortunate during the year as regards the number of cases of Diphtheria and Membranous Croup, 9 only having been notified, but no less than 8 terminated fatally. A new treatment of Diphtheria has been lately introduced, and it is to be hoped that it will at least succeed in reducing the heavy mortality of this most dangerous complaint.

The circumstances of each case have been investigated and disinfection carried out.

Measles.—It is very gratifying to note that there were no deaths registered from Measles during the year. We have not had a similar experience since 1888, but that was preceded by a very heavy year, 42 deaths in 1887 being caused by this disease.

Whooping Cough.—12 deaths have been due to Whooping Cough, viz:—2 in January, 2 in February, 1 in April, 1 in May, 2 in June, 1 in July, 1 in September, 1 in November and 1 in December—all being in children under 5 years of age.

Diarrhœa.—Diarrhœa was responsible for only 10 deaths, 9 being in children under 5 years of age, as compared with 35 in the year 1893, 13 in 1892, 15 in 1891 and 25 in 1890.

Erysipelas.—19 cases of Erysipelas, without any deaths, have been notified during the year, as against 23 in the preceding year, and 34 in 1892.

Influenza.—Eight deaths have been attributed to Influenza; 2 in April, 1 in July, 1 in October, 2 in November and 2 in December. The cases, however, that have appeared were of a much milder type than have been seen in previous visitations.

Zymotic Diseases.—40 deaths in the year were ascribed to Zymotic influences, giving a death rate of 1·7 per thousand. The rate was 3·1 in 1893, 2·7 in 1892, 1·3 in 1891, and 1·7 in 1890.

The following table gives the number of these deaths during the past nine years, and shows that Whooping Cough and Diarrhœa account for more than half of the number last year.

<i>Deaths from</i>	1894.	1893.	1892.	1891.	1890.	1889.	1888.	1887.	1886.
Scarlet Fever ..	8	9	6		1	3	2		
Smallpox ..	1						3	1	
Measles ..		15	13	9	12	5		42	4
Whooping Cough	12	7	23	6	3	14	5	11	6
Typhoid Fever ..	1	4	6	1		4	2	7	4
Diphtheria ..	8	3	4	5		5	9	8	6
Membranous Croup									
Diarrhœa ..	10	35	13	15	25	18	7	16	31
<i>Totals ..</i>	<i>40</i>	<i>73</i>	<i>65</i>	<i>36</i>	<i>41</i>	<i>49</i>	<i>28</i>	<i>85</i>	<i>51</i>

INFECTIOUS DISEASES HOSPITAL.

As previously stated, 39 patients suffering from Scarlet Fever were admitted to the temporary Cottage Hospital during the year, four of whom remained under treatment on December 31st, one had died and 34 had been discharged. In the iron building 31 cases of Smallpox were received, out of a total of 32, one of whom died, and one still remained at the end of the year under treatment.

From the above it will, at once, be seen how extremely valuable the iron structure has been in dealing with the invasion of Smallpox. Ample justification has been shown for its erection in the previous year when the disease first appeared in the neighbourhood. Had it not have been for this building, wherein the first cases were promptly isolated, no one can calculate what the result might have been both in the loss of life and in the impaired health and disfigurement of the persons attacked, had the epidemic spread here, as it probably would have done, and as it actually did in some adjoining places. Trade, too, would have been interfered with to such an extent that years would have elapsed before it recovered. At the same time, I must remind the Council that this arrangement was proposed as a temporary expedient, and I cannot advise the continued use of two buildings, the one for the treatment of Smallpox and the second for other infectious diseases in such close proximity to one another. At the time the iron building was put up there was really no option—isolation for Smallpox must be provided on this site or not at all—and to shew the need for prompt action then, I may state that the work was done in six days. Since the Council came into existence a Committee has been appointed to consider this question, and I am informed that it has been decided to alter the Cottage (Fever) Hospital, erect a fence around and between the two buildings, &c., at an estimated cost of Two Hundred Pounds. While these things are all necessary—if both buildings are to be used as at present,—I would suggest some further consideration be given to the question before the work is commenced. The Fever Hospital simply consists of old converted cottages, and in reporting upon them in my Annual Report for 1887, I stated, "They are inadequate for this purpose, being old, badly arranged and without proper means of ventilation." Further, in last year's annual report by the County Medical Officer—Dr. George Reid,—he states referring to this subject—"iron building within 27 yards of general block, old building in dilapidated condition." This statement is made in connection with a report on the Isolation Hospitals Act, 1893, which Act gives power to County Councils to combine, subject to appeal to the Local Government Board, various Sanitary districts into "Hospital areas" for which properly equipped Hospitals would be provided. I believe the County Council sometime ago intimated to the late Board that it was intended to invite representatives from the different authorities in the County to a Conference on the subject, and as it is most probable Bilston will be joined with some other district or districts under this Act, it would at least seem desirable to spend no more money on the present buildings until it is known whether they will be allowed to be used in the future. When this subject is dealt with, I trust a complete disinfecting apparatus, ambulance, and proper public mortuary will be provided for the town.

Vaccination.—Returns have been furnished by the Vaccination Officer for the years 1890, 1891, 1892, 1893 and the first half of 1894.

	Half year to 30 June 1894.	Year 1893	Year 1892	Year 1891	Year 1890
BIRTHS REGISTERED ..	479	939.	929	946.	891.
Successfully Vaccinated	384	734	736	755	744
Insusceptible	3	6	9	2	5
Died before Vaccination	58	145	117	119	93
Postponed	19	19	41	40	20
Removed from District ..	15	35	26	30	29
	479.	939.	929.	946.	891.

SANITARY WORK.

Infectious Diseases (Notification) Act, 1888.

During the year 170 Certificates under this Act were received viz :—94 of Scarlet Fever, 32 of Smallpox, 14 of Typhoid, 9 of Diphtheria and Membranous Croup, 2 of Puerperal Fever, and 19 of Erysipelas.

The following will give in tabular form the numbers for the past four years.

	1894.	1893.	1892.	1891.
Scarlet Fever	94	235	168	63
Typhoid Fever	14	18	36	13
Puerperal Fever	2	5	1	2
Smallpox	32	4		
Diphtheria and } ...	9	8	5	2
Membranous Croup }				
Erysipelas... ..	19	23	34	12
<i>Totals</i> ...	170	293	244	92

Workshops and Bakehouses.—Inspection of Workshops and Bakehouses—of which there are in the district about 60 of the former and 40 of the latter—are made from time to time, and attention is given to any irregularities or defects.

Dairies & Milkshops, Slaughter-houses & Cowsheds. The register of Milk Vendors and Dairy-men, and of the Slaughter-houses is regularly maintained and the whole of the places periodically visited. There are 92 Milk Vendors on the list and 38 registered Slaughter-houses.

Sewage.—The disposal of Sewage has been a most difficult subject and has occupied the attention of the late Board for a long time past. The difficulty has now reached a critical stage and various schemes have been suggested for consideration. At the present time the effluent is being turned into the Birmingham Canal, and it is of

the highest importance that under the guidance of your Surveyor, some definite plan should be adopted not only to avoid this evil, but also to provide a proper intercepting sewer from the district of Ettingshall.

Water Supply.—It is very gratifying to know that under the new scheme, there is every prospect of the town having an abundant supply of pure water. The reservoir is almost completed and the works at the Bratch will, I understand, be pushed forward with as little delay as the weather will allow. In this district it is particularly desirable to have the Sewers well and regularly flushed, and the new supply will, I trust, provide for this being done.

Routine Duties.—The Lodging Houses, Market, and Canal Boats have been constantly visited. Inspection of the whole district is regularly made, and the tabulated statement of the Sanitary Inspector, Mr. Hughes, which is appended to this report shews the number of notices sent out from his office during the year, and the nature of the nuisances they were meant to correct.

Cases of overcrowding have been dealt with as they occurred.

VITAL STATISTICS.

Population.—In 1891 the Census gave the number of inhabitants as 23,453, 11 831 males, and 11,622 females. The present population may therefore be taken as 23,500, or a density of population of 12·5 persons per acre.

Births.—919 children were born during the year, 474 males, 445 females, being an increase of 4 on the previous year, a decrease of 4 as compared with 1892, and giving a birth-rate of 39·1 per thousand of population. The following gives the number of Births in each quarter of the year.

		MALES.	FEMALES.	TOTAL.
1st Quarter	... ..	102	107	209
2nd Quarter	... ..	133	127	260
3rd Quarter	... ..	121	107	228
4th Quarter	... ..	118	104	222
		<hr/>	<hr/>	<hr/>
		474	445	919

TABLE OF BIRTHS DURING THE LAST NINE YEARS.

YEAR.	MALE.	FEMALE.	TOTAL.
1886	481	455	936
1887	420	418	838
1888	449	423	877
1889	437	458	895
1890	434	461	895
1891	469	481	950
1892	484	439	923
1893	466	449	915
1894	474	445	919

Deaths.—453 deaths from all causes were registered in the year, 239 males and 214 females, being a decrease of 81 on the previous year; of 31 as compared with 1892, and giving a death-rate of 19·2 per thousand.

TABLE OF DEATHS.

Shewing the number under 1 year, under 5 years, under 15 years, under 25 years, under 60 years, and above 60 years.

Children under 1 year	...	...	...	...	161
Above 1 and under 5 years of age	...	...	...	...	61
" 5 " 15 " "	...	...	...	...	21
" 15 " 25 " "	...	...	...	...	16
" 25 " 60 " "	...	...	...	...	99
60 and upwards	...	...	...	...	95
					453

The following Table gives the total number of Deaths during the past Nine years.

YEAR.	MALE.	FEMALE.	TOTAL.
1886	244	257	495
1887	314	268	582
1888	218	234	452
1889	267	252	519
1890	260	230	490
1891	282	274	556
1892	286	243	529
1893	277	257	534
1894	239	214	453

Below are given the number of Deaths during the last Nine years. classified according to age

Year.	at all ages.	under 1 year.	1 and under 5.	5 and under 15	15 and under 25	25 and under 60	60 and upwards
1886	495	172	82	18	16	102	105
1887	582	189	115	28	26	106	118
1888	452	141	66	24	19	106	96
1889	519	183	98	25	21	83	109
1890	490	163	82	23	17	110	95
1891	556	200	89	22	19	104	122
1892	529	203	101	29	11	90	95
1893	534	185	80	26	22	91	130
1894	453	161	61	21	16	99	95

It is seen from the above table that practically half the deaths were in children under 5 years of age, and that the death-rate in infants under one year is equal to 175 per thousand of registered births. This is an improvement upon recent years, the death-rate in 1893 and 1892 being respectively 202 and 219 per thousand births.

Respiratory Diseases.—84 deaths were registered as due to diseases of the respiratory system—35 being in children under 5 years of age—as compared with 103 in 1893, 110 in 1892, 134 in 1891, and 117 in 1890. Of these 20 occurred in the first quarter of the year, 20 in the second, 6 in the third and 38 in the fourth.

Consumption.—Consumption caused 17 deaths as compared with 16 in the year 1893, 15 in 1892, 33 in 1891 and 16 in 1890.

Inquests.—No less than 35 deaths were investigated by the Coroner as against 15 in 1893, 39 in 1892, 21 in 1891 and 7 in 1890.

Uncertified Deaths.—Seven deaths were registered without any medical certificate as to the cause. In 1893 there were 4 similar cases, 10 in 1892, 20 in 1891 and 26 in 1890.

TABLE OF DEATHS for the Four Quarters of 1894, 1893, and 1892, classified according to Diseases and Ages.

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																									
1894.	AGE.	Con'd. Fevers.												Whooping Cough.	TOTAL.										
		Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not 'spasmodic')	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	Diarrhea and Dysentery.	Cholera.	Rheumatic Fev		Erysipelas.	Pyæmia.	Puerperal Fevr.	Ague.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Inquests.	Uncertified.	Influenza.	All Other Diseases.	Total at Ages Stated.
1st QUARTER	Under 5	..	2	1	4	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	3	2	..	34	53
	5 upwds.	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	6	13	5	6	..	..	24	56
2nd QUARTER	Under 5	..	2	1	4	..	..	..	..	1	..	..	..	..	..	..	..	..	5	..	4	2	..	40	59
	5 upwds.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	15	1	7	1	2	..	42	72
3rd QUARTER	Under 5	..	1	2	2	..	..	..	..	5	..	..	..	..	..	..	..	..	2	..	2	2	..	26	42
	5 upwds.	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	2	4	3	5	..	1	21	39	
4th QUARTER	Under 5	..	1	2	2	..	..	..	..	3	..	..	..	..	..	..	..	..	21	..	3	..	1	35	68
	5 upwds.	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	5	17	7	5	..	4	22	64

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.

1893.	Age.	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic")	Whooping Cough.	Con'd. Fevers.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever	Erysipelas.	Pyæmia.	Puerperal Fevr.	Ague.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Inquests.	Uncertified.	Influenza.	All Other Diseases.	Total at Ages Stated.	Total.
1st QUARTER	Under 5 5 upwds.	3	1				1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	1	1	1	.....	30	44	101
2nd QUARTER	Under 5 5 upwds.	11				1		.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	3	19	1	1	.....	29	57	131
3rd QUARTER	Under 5 5 upwds.	1	3				1	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	1	4	4	4	2	.....	46	85	140
4th QUARTER	Under 5 5 upwds.			1		1	5	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	28	1	.....	1	1	37	78	162
				3		1				1						1		3	20	5	2		1	47	84	

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.

1892.	Age.	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic")	Whooping Cough.	Con'd. Fevers.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever	Krysipelas,	Pyæmia.	Puerperal Fevr.	Ague.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Inquests.	Uncertified.	Influenza.	All Other Diseases.	Total at Ages Stated.	TOTAL.	
1st QUARTER	Under 5	2	1			2	6				2									14		4	2	1	33	67	129
	5 upwds.					1	3										1		1	20	1	7	2		27	62	
2nd QUARTER	Under 5	5					8				1							1		10		4	3	1	50	83	147
	5 upwds.		2	1			1										6		13	4	6	1	1		28	64	
3rd QUARTER	Under 5	6	2				1				7									8		1	1		44	70	121
	5 upwds.											1						2		10	2	6	1		25	51	
4th QUARTER	Under 5						4				3									24		5	2		47	85	132
	5 upwds.		1															5		11	1	6			22	47	

TABLE OF DEATHS classified according to Diseases DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE, FOR THE PAST NINE YEARS.

MORTALITY FROM SUBORNED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																											
YEARS.	AGE.	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Cont'd Fevers.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Phtisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Inquests.	Uncertified.	All Other Diseases.	Influenza.	Totals at Ages Stated.	Total at all Ages.	
1886	Under 5	3				6	6		1		24								6	40		6	5	157		254	495
	5 upwds.	1							3		7				1				8	58	18	8	5	132		241	
1887	Under 5	38				6	10				11								5	64	1	6	20	143		304	582
	5 upwds.	1		1	1	1	1		7		5			1					9	100	10	12	8	118		278	
1888	Under 5					7	5				6									47	2	3	5	139		207	452
	5 upwds.	3	2			2			2		1		1						21	69	23	5	7	111		245	
1889	Under 5	5	3			3	14				17				1				1	60		3	13	161		281	519
	5 upwds.			1		1			4		1		1		1				23	49	11	7	17	122		238	
1890	Under 5	12	1			1	3				23								2	42		3	15	142	1	245	490
	5 upwds.					1					2								14	75	16	4	11	114	8	245	
1891	Under 5	8				4	6				15								4	55		6	18	171	2	289	556
	5 upwds.	1				1			1					1					29	79	10	15	2	125	3	267	
1892	Under 5	13	3			2	19				13								1	56		14	8	174	2	305	529
	5 upwds.			3	1	1	4		6					1					14	54	8	25	2	102	3	224	
1893	Under 5	15	5			1	7		2		27								1	42	2	5	4	152	2	265	534
	5 upwds.			4		2			2		8					1			15	61	18	10	1	146	2	269	
1894	Under 5			6		6	12				9									35		12	6	135	1	222	453
	5 upwds.	1		2	1	1			1		1		1			1			17	49	16	23	1	109	7	231	

TABLE showing the number of Deaths in each Quarter of 1894,
classified according to age.

Quarters	at all ages.	under 1 year.	1 and under 5.	5 and under 15	15 and under 25	25 and under 60	60 and upwards
1st	109	41	12	4	4	25	23
2nd	131	45	14	10	4	31	27
3rd	81	30	12	3	5	14	17
4th	132	45	23	4	3	29	28
TOTAL	453	161	61	21	16	99	95

The Tables required by the Local Government Board and the Staffordshire County Council are appended, as well as the Sanitary Inspector's Statement.

I am, Gentlemen,

Yours faithfully,

T. RIDLEY BAILEY, M.D., EDIN.,

Medical Officer of Health.

BILSTON, 16th February, 1895.

SUMMARY OF SANITARY WORK done in the Inspector of Nuisances' Department, during the year 1894, in the Urban Sanitary District of Bilston.

		Inspections and Observations made.	Formal Notice by Authority	Nuisances Abated after Notice.
Dwelling Houses & Schools.	{ Foul Conditions Cleansed and Repaired ..	41	7	7
	{ Structural Defects that have been remedied ..	2		
	{ Overcrowding, 5 cases, abated without Notice ..	9	4	4
	{ Unfit for Habitation and Closed	13	1	1
	Lodging-houses Inspections made	44		
	Dairies and Milkshops, 33 required and have been Limewashed	87		
	Cowsheds, 58 Whitewashed	149		
	Bakehouses, all have been Limewashed ..	35		
	Slaughter-houses, 37, all of which have been regularly Cleansed and Limewashed ..	71		
	Canal Boats, all found in a good condition ..	51		
	Ashpits and Privies, 51 Ashpits erected, & Privies, 38 Cleansed and Repaired ..	8219	Emptied Notice 8	8
	Deposits of Refuse and Manure Removed ..	61		
	Water Closets in an Unsanitary Condition ..	51	2	1
	House Drainage { Defective Traps taken out and proper Traps substituted	17		
House Drainage	{ No disconnection			
	{ Other Faults, Obstructions abated	29		
	Water Supply	2		
	Pigsties, Cleansed and Limewashed 22 ..	43		
	Animals improperly kept, Removed	18		
	Offensive Trades	nil		
	Smoke Nuisances	1		
	Other Nuisances, accumulations of Filth, Fowls and Rabbits kept in Houses ..	23		
TOTALS		8946	22	21

Seizures of Unwholesome Food, Meat regularly inspected	Nos. nil
Samples of Food taken for Analysis	nil
" " Found Adulterated	nil
" of Water taken for Analysis	nil
" " Condemned as unfit for use	nil

PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of Infected Bedding Stoved or Destroyed—None, but all Clothes and Bedding Disinfected where Infectious Disease has been	none
Houses Disinfected after Infectious Disease	173
31 Cases of Smallpox removed to the Hospital during the year	
Schools Disinfected after Infectious Disease	nil
39 Cases of Scarlet Fever removed to the Hospital during the year ..	
Prosecutions for not Notifying Existence of Infectious Disease, two cases reported but not prosecuted	nil
Convictions ditto	nil
Prosecutions for Exposure of Infected Persons or Things	nil
Convictions ditto	nil

NOTE.—Where an Inspection or Notice embraces more than one defect, it may be enumerated separately as regards each such defect.

Signed, **WALTER HUGHES, Asso. Sant. Inst.**

Date, 15th February, 1895.

Inspector of Nuisances.

Urban Sanitary District of Bilston.

(A) Deaths registered during the year 1894, classified according to Diseases and Ages, showing also the Population and the Births during the year.

	Popula- tion.		Registered Births.			Deaths from all Causes at subjoined Ages										Mortality from subjoined causes, distinguishing deaths of Children under 5 years of age.																				
	Census, 1891	Estimated to middle of 1894	Males.	Females.	Total.	At all Ages.			Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Fevers.						Influenza.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea or Dysentery.	Rheumatic Fever.	Uncertified.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Inquests.	All Other Diseases.
						Males.	Females.	Total.											Typhus.	Enteric or Typhoid.	Continu'd	Relapsing	Puerperal.													
TOTALS.....	23,453	23,500	474	445	919	239	214	453	161	61	21	16	99	95	Under 5 ..	6	2	4						1			12	9		6		35		12	135	
															5 & upwards	1	2	2		1			1	7			1	1	1	17	49	16	23	109		

Deaths occurring outside the District among persons belonging thereto which may be added to the above in estimating the rate of mortality

Deaths occurring within the District among persons not belonging thereto which may be deducted from the above totals in estimating the rate of mortality

Urban Sanitary District of Bilston.

(B) New Cases of Infectious Sickness coming to the knowledge of the Medical Officer of Health during the year 1894, enumerating the Number of Houses Infected, the Total Number of deaths, also the Number of Cases Treated and the Deaths that occurred in Infectious Hospitals.

	Smallpox.	Scarlatina.	Diphtheria	Membranous Croup.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Puerperal Fever.	Cholera.	Erysipelas	Measles.	Whooping Cough.
Houses infected	23	89	5	4	.....	14	.....	.....	2	.....	19	.....	.....
<i>Age not given on Notification</i>													
Total cases reported among persons belonging to District	32	94	5	4	.....	14	.....	.....	2	.....	19	.....	.....
Total deaths reported among persons belonging to District	Under 5 .. 5 & upwd	6 2	2 2	4 .....	..... .....	..... 1	..... .....	..... .....	..... 1	..... .....	..... .....	..... .....	12
Cases treated in Hospital among persons belonging to District	Under 5 .. 5 & upwd	4 27	18 21	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Deaths occurring in Hospital among persons belonging to District	Under 5 .. 5 & upwd	..... 2	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........

Is "Notification of Infectious Diseases" Compulsory in the District?—*Yes.* Since when?—*March, 1890.*

Is Measles included among the Diseases notified?—*No.*

Is Whooping Cough " " " " " " *No.*

Is an Isolation Hospital available for the District?—*Yes, temporary one.*

Area of District in acres?—*1866.*

Signed, T. RIDLEY BAILEY, M.D., Edin., M. O. H.

