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W. M.

Report on the Health

OF THE

CASTLE BROMWICH RURAL DISTRICT

FOR THE YEAR 1910,

BY

A. BOSTOCK HILL,

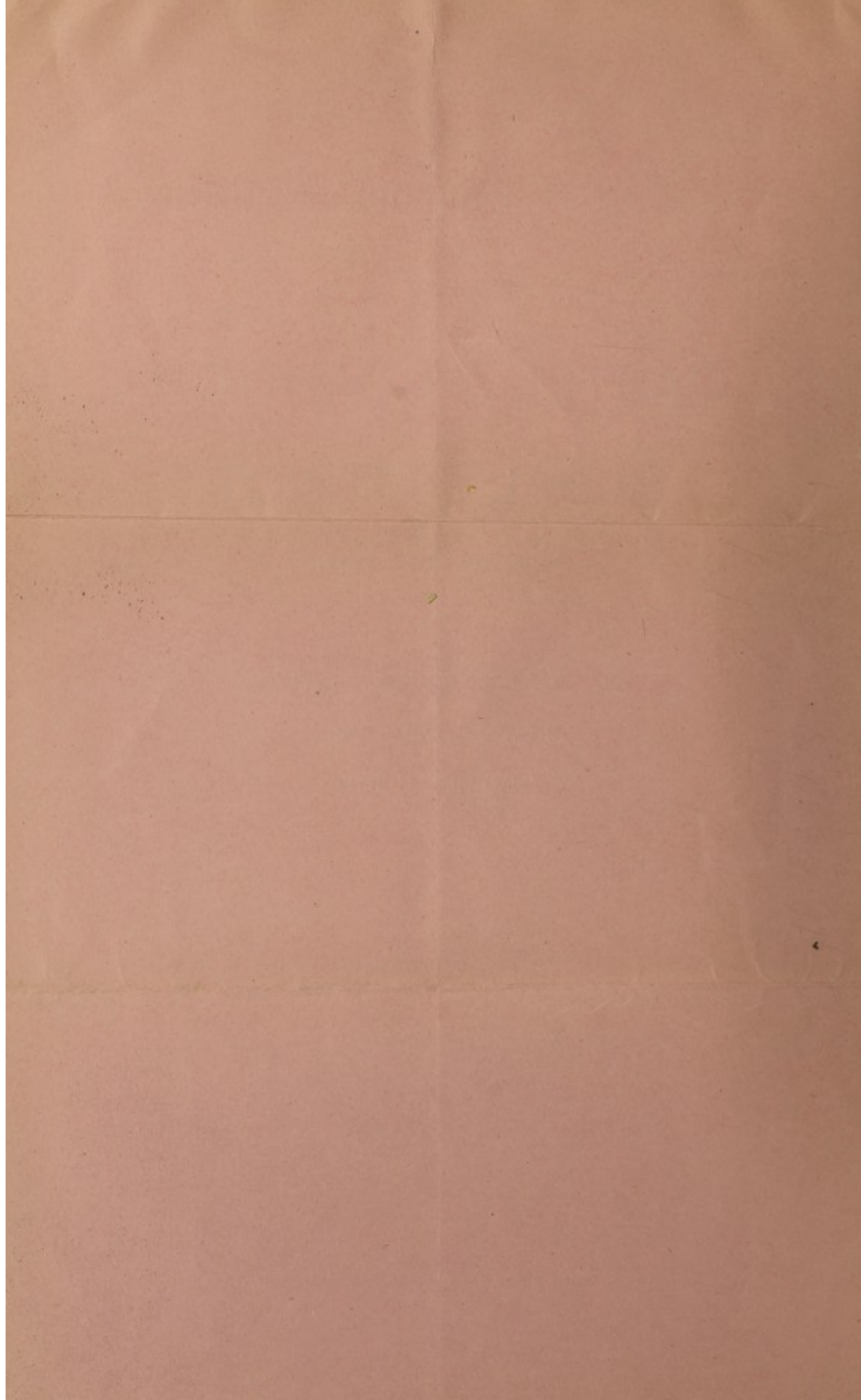
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Medical Officer of Health.

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Castle Bromwich
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Castle Bromwich Rural District Council.

MEDICAL OFFICER OF HEALTH'S OFFICE,

14, TEMPLE STREET, BIRMINGHAM,

February 9th, 1911.

MR. CHAIRMAN AND GENTLEMEN,

1.—I beg to hand you my Report on the health of the District for 1910.

2.—The District consists of the following parishes and hamlets :—Castle Bromwich, Water Orton, Curdworth, Minworth, and Wishaw.

AREA.

3.—The area of the whole District is 7,724 acres, made up as follows :—Castle Bromwich, 2,701 ; Water Orton, 623 ; Curdworth, 1,620 ; Minworth, 1,550 ; and Wishaw, 1,230.

POPULATION.

4.—I have consulted the Surveyor and he informs me that he is of opinion, from constant inspection of the district, that though there are a few more houses than in the past, yet there are fewer lodgers. He also considers that the absence of large contracts, necessitating lodgers, which for the last few years have been in evidence in the district, precludes the possibility of there being any increase in population, and under these circumstances, and particularly having regard to the fact that the Census will be taken at the end of the first quarter of this year, I propose to consider the population the same as that of the previous year, namely, 3,050.

5.—I estimate the population of the constituent parishes to be as follows :—Castle Bromwich, 1,010 ; Water Orton, 720 ; Curdworth, 450 ; Minworth, 700 ; and Wishaw, 170.

BIRTHS.

6.—During the year 60 births were registered, compared with 62 in the previous year, namely, 33 males and 27 females. The birth-rate on the estimated population comes out, therefore, at 19.67, a figure a trifle lower than that of the previous year, and the lowest registered during the last ten years.

7.—A satisfactory feature of the figures is that there was not a single illegitimate birth.

8.—In the various sub-divisions the birth-rate was as follows.—Castle Bromwich, 20.0 ; Water Orton, 20.8 ; Curdworth, 17.5 ; Minworth, 17.1 ; Wishaw, 23.5.

DEATHS.

9.—The number of deaths registered has been 33, but of these two in reality belonged to residents of other districts, the authorities of which, however, refused to accept them, and consequently I am compelled to debit them to our own list. In addition two others occurred in the district not belonging to us, while two others occurred in Birmingham actually residing in our district. The correct figure, therefore, of deaths on which the death-rate must be calculated is 33, of which 21 were males and 12 females.

10.—As an illustration of what little importance the figures of Districts with very small populations may be, in any particular year, we find that in 1909 there were registered deaths of 8 males and 21 females, while this year we get almost a reversal of those figures.

11.—Our death-rate works out on the estimated population as 10.81. This is a satisfactory figure, though rather higher than the previous year, still, one slightly below the average of the last 10 years.

12.—The death-rates of the various sub-divisions were as follows:—Castle Bromwich, 18.2; Water Orton, 9.7; Curdworth, 4.4; Minworth, 7.1; and Wishaw, *nil*.

13.—It is perhaps worthy of note that both the deaths at Curdworth were due to causes which necessitated inquests.

14.—Of the 33 deaths, 10 occurred in persons aged 65 and upwards.

INFANT MORTALITY.

15.—Last year I had to report that the one unsatisfactory feature of the Report was the high Infant Mortality. This year, the figure has been reduced to nearly one-half. Calculated on the registered births, we get the figure of 83, which may be said to be fairly normal for a Rural District.

16.—Of the 5 deaths, 2 occurred under a month and 3 under six months. All the deaths were certified.

ZYMOTIC DISEASES.

17.—I am pleased to be able to report that not a single death was registered as due to any of the seven Zymotic Diseases.

18.—The cases notified were as follows:—Scarlet fever, 13; diphtheria, 5; erysipelas, 5.

19.—Scarlet Fever. This disease cannot be said to have been in any way epidemic. Five of the cases occurred at Castle Bromwich, 3 in one house. The others were sporadic cases. At Water Orton 5 also occurred, 3 in one house and 2 in another. In Minworth 3 cases occurred and were possibly associated. In the other two divisions not a single case was notified.

20.—Diphtheria. This disease was a little more prevalent than in the previous year, 5 cases being notified, 1 at Castle Bromwich, 2 at Water Orton, and 2 at Minworth.

21.—The case at Castle Bromwich was, in a way, particularly interesting, as the case remained so long infective, in other words, remained a "carrier" over a lengthy period, and a large number of swabs were taken in connection with it, owing to the difficulty of getting rid of the bacilli. Acting on my advice, your Council in the end decided to employ a nurse to look after this case, owing to the poverty of the parents and the difficulties of dealing with it, and it is satisfactory to be able to state that in about a fortnight swabs taken became negative, and the child was allowed to return to school.

22.—In each outbreak the premises were visited, and every inquiry made as to the possible cause of the disease.

23.—The case referred to above, deserves a word of comment, as showing the absolute necessity of taking advantage of the means afforded by bacterial examination in estimating the fitness or otherwise of an infected person to return to school or work. If it had not been for the County Council scheme, by means of which swabs may be taken by any practitioner and examined free of cost to the district or patient, this child would have been allowed to return to school and almost certainly spread the disease among her schoolfellows.

24.—Typhoid Fever. I am pleased to be able to report that no single case of Typhoid was notified during the year.

25.—As regards non-notifiable diseases, these do not appear to have been very prevalent as no mortality was caused by them, nor was any School closed on account of the presence of Measles, Whooping Cough, or Mumps.

26.—As regards Consumption, 3 cases were notified in poor persons, under the order of the Local Government Board—1 at Castle Bromwich and 2 at Minworth. These cases and their houses were visited, and advice tended as how to best limit the possibility of the spread of infection. Leaflets were left giving information as to precautions which might easily be taken, of the advantage of fresh air, both as regards the patients and other persons in the house.

27.—Two deaths were registered from the disease, one in a child under a year, and one in a young adult between 15 and 25. In both these cases, the premises, clothes, and bedding were properly disinfected at the Disinfecting Station, and the rooms were also sprayed.

28.—No less than 6 deaths were due to Cancer or other malignant disease, 3 of these occurring in Castle Bromwich and 3 at Minworth.

29.—A case of alleged ptomaine poisoning occurred during the summer. One death resulted and about a dozen people were affected. The cause was believed to be a consignment of ice cream made in Birmingham and brought out for sale in the district. At my request, inspection of the premises where it was made took place by the Birmingham Authorities, but as the cases were not notified for some time after the manufacture of the ice cream, the investigations made were not very satisfactory. In the end nothing definite could be found as to the cause of the outbreak.

WATER SUPPLY.

30.—Efforts for the improvement of the water supply have been made during the year with success. No less than 940 yards of 4-inch mains have been laid at Castle Bromwich and Water Orton, for the better supply of the district.

31.—Samples of the tap water supplied have been analysed each quarter and have been found to be satisfactory, while in addition, three samples of well water have been examined and, all being found polluted, condemned; negotiations are pending for the further extension of the water main so that the houses in question may be supplied.

32.—All new houses have been supplied with tap water, while 7 or 8 old houses near Hodge Hill have been supplied with tap water and the old wells on the premises filled up.

NEW BUILDINGS.

33.—Sixteen plans have been submitted to the Surveyor, of which one was not approved. These include plans for 11 new houses, the majority of them in Castle Bromwich, 6 alterations and additions to existing buildings, and 5 various buildings.

SEWERAGE.

34.—No new Sewers have been laid during the year, and very little in the way of complaint has had to be made of the condition of the existing Sewers. Several stoppages occurred in the syphon at Minworth, and on opening this, various substances like coke, pieces of wood, and rags were found to be the cause of the stoppage.

35.—A few complaints of smells from the Sewers were made. In some instances, at least, they were found to be baseless.

36.—I have been quite satisfied by the work done by the Surveyor in flushing the Sewers. Though there is often an outcry for ventilating man-holes to be sealed, I am unwilling to sanction this proceeding, unless for some particular reason.

37.—It is satisfactory to be able to state that though the Sewers have been kept in a satisfactory condition, the cost of water for flushing has fallen from £45 11s. 0d. in 1900, to £9 3s. 6d. in 1910.

SCAVENGING.

38.—The scavenging arrangements which I was able to announce last year have worked quite satisfactorily, both at Water Orton and Castle Bromwich. New contracts have been made for the work at a slight advance in cost at Castle Bromwich, which, however, includes emptying of certain cesspools.

39.—Though the weekly removal of domestic refuse may be considered in the sanitary sense essential, and may perhaps become desirable as the district increases, I do not think that the conditions observed during the year make this change a necessary one at the present time.

40.—Each of the populous parts of the district is now efficiently scavenged, but it may be desirable in the future to consider whether or not a public system of scavenging might be adopted in the Minworth and Curdworth districts.

SYSTEMATIC INSPECTION.

41.—Under the Order of the Local Government Board, based on the Housing and Town Planning Act, it has now become compulsory for the District Councils to arrange for a systematic inspection for the majority of the houses in their districts. The importance of this subject had for some time commended itself to me, and I am, therefore, pleased to be able to state that this systematic Inspection is no innovation in our district. Each year portions of the district have been inspected, and the results tabulated. In the last quarter of the year this work was started on lines adopting the forms as suggested in the Memorandum of the Local Government Board.

42.—On the whole, the cottages are fairly satisfactory, except at Minworth, and this is the portion of the district where systematic inspection has of late been carried out.

43.—The inspection of Minworth has shown that there still remains a fair number of privies and pan closets. These are nearly all within reach of the sewer, and I hold it as very desirable that in the present year measures should be taken to remove these receptacles for filth, which are quite out of accord with modern views of Sanitation.

COWSHEDS AND DAIRIES.

44.—The Inspector has as usual kept these closely under observation. Altogether he made 52 inspections, and as a result issued twelve notices for abatement of nuisances found. He reports to me that he sees a marked improvement year by year, and is quite convinced that there is a general levelling up in the condition in which they are maintained, and this of course is extremely satisfactory.

WORKSHOPS.

45.—In the Appendix will be found a table giving particulars of the condition in which they were found during the year. The Inspector reports that on the whole their condition, though not quite satisfactory, shows improvement.

VACCINATION.

46. The position as regards Vaccination, referred to last year, remains about the same. Slightly fewer children have been vaccinated, but fewer births were registered during the period. One satisfactory feature in the Return is that the number of conscientious objection certificates obtained was 6 as compared with 10 in the previous year.

GENERAL SANITARY WORK.

47.—In addition to the specific points dealt with in the Report, attention has had to be given during the year to complaints of nuisance arising from the Sewage Farm of the Tame and Rea Drainage Board and also from the Yardley District Council's Sewage

Farm. I have myself made several inspections, some of them in response to a petition received from residents at Water Orton. I have also inspected the detailed work and treatment of sewage on the Farm, and though I am bound to admit that there has been some nuisance, I am also compelled to admit that I am unable to discover any cause in the laxity of management or carelessness in treatment on the Farm itself. The nuisance at Water Orton will undoubtedly be less acute in the future, owing to the fact that the disposal of sludge in the neighbourhood of this village will, I think, be altered as regards its deposit.

48.—As regards Yardley, at the end of the year the condition of the River and of the Farm was apparently much better, owing to the use of the new Filters which have recently been installed.

49.—As regards the condition of Rivers, I am pleased to be able to report that there is a marked improvement in the condition of the River Tame and the River Cole which flow through the district.

CONCLUSION.

50.—Though the Death Rate is not quite so low as in some of the past years, the fact that the Zymotic Death Rate is *nil*, is particularly satisfactory. The rate of Infant Mortality is also very satisfactory, while as showing the altered opinion of the public generally as regards Sanitation and its official carrying out, I am pleased to note that the Inspector informs me that practically no resentment is shown to the examination of houses and their environments, not even bedrooms. These results are evidence of the increase of education in Sanitary matters, and of the tact of the Inspector in dealing with individuals when nuisances have been known or suspected.

51.—I again, Mr. Chairman, tender to you and the members of the Council and my brother officers, my best thanks for their kindness and courtesy in the conduct of the business of the district.

I remain,

Yours faithfully,

A. BOSTOCK HILL, M.Sc., M.D., D.P.H., Camb.,

Medical Officer of Health.

TABLE I.

Vital Statistics of Whole District during 1910 and previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Deaths of Non-residents registered in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NET 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
1900.	2,550	62	24.31	7	112	37	14.50	1	1	37	14.50
1901.	2,800	68	24.28	3	44	29	10.35	3	1	27	9.64
1902.	2,850	78	27.36	5	64	26	9.12	—	4	30	10.55
1903.	2,850	58	20.35	3	51	28	9.82	1	5	32	11.22
1904.	2,900	71	24.40	8	112	32	11.00	2	5	35	12.06
1905.	2,900	58	20.00	4	68	29	10.00	1	3	31	10.68
1906.	2,900	74	25.51	7	93	27	9.31	1	2	28	9.65
1907.	2,900	66	22.76	6	91	27	9.31	3	—	24	8.28
1908.	3,000	67	22.33	8	119	27	9.00	—	2	29	9.66
1909.	3,050	62	20.33	9	145	34	11.15	6	1	29	9.51
Averages for years 1900-1909	2,870	66	23.16	6	89	30	10.35	2	2	30	10.57
1910.	3,050	60	19.67	5	83	33	10.81	2	2	33	10.81

* Rates in Columns 4, 8, and 12 calculated per 1,000 of the estimated population.

Area of District in acres
(exclusive of area covered by water) } 7,724

Total population at all ages, 2,743

Number of inhabited houses, 548

Average number of persons per house, 5.005

} At Census of 1901.

I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
NIL	Aston Union Workhouse. Joint Infectious Hospital, situate in Perry Barr Urban District. General Hospital, Birmingham. Queen's Hospital, Birmingham. Homeopathic Hospital, Birmingham.	Aston Union Infirmary. Workhouse.
The Union Workhouse is not within the District.		

TABLE II.

Vital Statistics of separate Localities in 1910 and previous years.

NAMES OF LOCALITIES.	1 CASTLE BROMWICH.				2 WATER ORTON.				3 CURDWORTH.				4 MINWORTH.				5 WISHAW.			
	Population estimated of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1900...	910	21	13	6	670	8	6	1	310	11	7	—	480	19	10	—	180	3	1	—
1901...	850	16	10	—	620	14	5	—	459	14	5	3	700	20	5	—	171	4	2	—
1902...	900	17	9	1	620	11	7	2	460	16	5	—	700	24	6	—	170	10	3	—
1903...	900	13	17	1	620	18	5	1	460	12	4	—	700	11	5	1	170	4	1	—
1904...	920	22	12	2	660	18	8	2	450	8	6	—	700	18	7	3	170	5	2	—
1905...	920	20	3	—	660	18	9	1	450	8	8	2	700	9	6	1	170	3	5	—
1906...	920	26	7	3	660	18	7	2	450	9	1	1	700	19	9	—	170	2	4	—
1907...	920	21	6	1	660	23	12	4	450	7	1	—	700	14	3	1	170	1	2	—
1908...	970	21	15	5	710	17	4	1	450	7	4	1	700	18	6	1	170	4	—	—
1909...	1,010	20	10	2	720	18	6	—	450	8	3	—	700	13	12	6	170	3	3	1
Averages of years 1900 to 1909	922	19	10	2	660	16	7	2	438	10	4	1	678	16	7	1	171	4	2	—
1910...	1,010	21	19	1	720	15	7	3	450	8	2	—	700	12	5	1	170	4	—	—

TABLE III.

Cases of Infectious Disease notified during the Year 1910.

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.	All Ages—Years.					1	2	3	4	5	1	2	3	4	5	6	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.												65 and upwards.
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diphtheria (including Membranous croup)...	5	—	2	2	1	1	2	—	—	—	—	—	—	—	—	—	—	
Erysipelas	5	1	—	1	2	1	2	—	—	—	—	—	—	—	—	—	—	
Scarlet fever	13	1	6	3	3	5	5	—	—	—	—	—	—	—	—	—	4	
Typhus fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Enteric fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Relapsing fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Continued fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Puerperal fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	23	2	8	6	6	1	8	2	6	1	7	8	2	6	—	—	4	

Isolation Hospital—Aston Manor (Joint).

Causes of, and Ages at, Death during Year 1910.

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.					TOTAL DEATHS WHETHER OF "RESIDENTS" OR "NON-RESIDENTS" IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	CASTLE BROMWICH.	WATER ORTON.	CURDWORTH.	MINWORTH.	WIDHAW.	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	
Measles	—	—	—	—	—	—	—	—	—	—	—	—	
Scarlet fever	—	—	—	—	—	—	—	—	—	—	—	—	
Whooping-cough	—	—	—	—	—	—	—	—	—	—	—	—	
Diphtheria (including Membranous croup)...	—	—	—	—	—	—	—	—	—	—	—	—	
Croup	—	—	—	—	—	—	—	—	—	—	—	—	
{ Typhus... ..	—	—	—	—	—	—	—	—	—	—	—	—	
{ Enteric... ..	—	—	—	—	—	—	—	—	—	—	—	—	
{ Other continued	—	—	—	—	—	—	—	—	—	—	—	—	
Epidemic influenza	—	—	—	—	—	—	—	—	—	—	—	—	
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	
Plague	—	—	—	—	—	—	—	—	—	—	—	—	
Diarrhœa	—	—	—	—	—	—	—	—	—	—	—	—	
Enteritis	1	—	—	—	—	1	—	1	—	—	—	—	
Gastritis... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Puerperal fever	—	—	—	—	—	—	—	—	—	—	—	—	
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	
Phthisis (Pulmonary Tuberculosis)	2	1	—	—	1	—	—	—	2	—	—	—	
Other tuberculous diseases	1	—	—	—	1	—	—	1	—	—	—	—	
Cancer, malignant disease	6	—	1	—	—	2	3	3	—	—	3	—	
Bronchitis	1	—	—	—	—	—	1	—	—	—	1	—	
Pneumonia	5	1	2	—	—	2	—	3	2	—	—	—	
Pleurisy	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of Respiratory organs	—	—	—	—	—	—	—	—	—	—	—	—	
Alcoholism } Cirrhosis of Liver }	—	—	—	—	—	—	—	—	—	—	—	—	
Veneral diseases	—	—	—	—	—	—	—	—	—	—	—	—	
Premature birth	1	1	—	—	—	—	—	1	—	—	—	—	
Diseases and accidents of parturition	—	—	—	—	—	—	—	—	—	—	—	—	
Heart diseases	2	—	—	—	—	—	2	2	—	—	—	—	
Accidents	5	—	2	—	1	2	—	3	1	1	—	—	
Suicides	1	—	—	—	—	1	—	1	—	—	—	—	
All other causes... ..	8	2	—	—	—	2	4	4	2	1	1	—	
All Causes	33	5	5	—	3	10	10	19	7	2	5	—	

NO PUBLIC INSTITUTIONS.

INFANTILE MORTALITY DURING THE YEAR 1910.

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	—	—	1	1	2	1	—	1	—	1	—	—	—	—	—	—	5	
	Uncertified	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Common Infectious Diseases.	Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Chicken-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Diphtheria (including Membranous Croup)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhoeal Diseases.	Diarrhoea, all forms	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Enteritis, Muco-enteritis, Gastro-enteritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Gastritis, Gastro-intestinal Catarrh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wasting Diseases.	Premature Birth	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	1	
	Congenital Defects	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Injury at Birth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Want of Breast-milk, Starvation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Atrophy, Debility, Marasmus	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	
Tuberculous Diseases.	Tuberculous Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Tuberculous Peritonitis: Tuberculous Mesenterica	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Other Tuberculous Diseases	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	
Other Causes.	Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Ricketts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Meningitis (not Tuberculous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Convulsions	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1	
	Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Laryngitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Pneumonia	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	
	Suffocation, overlying	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other Causes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
		—	—	1	1	2	1	—	1	—	1	—	—	—	—	—	—	5	

Population, Estimated to middle of 1910, 3,050.

Births in the Year—Legitimate, 60; Illegitimate, 0. Deaths in the Year of—Legitimate Infants, 5; Illegitimate, 0.
Deaths from all Causes at all Ages, 33.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the year 1910, in the Rural Sanitary District of Castle Bromwich.

							Inspections and Observations made.	Formal Notices by Authority.	Nuisances abated after Notice.
Dwelling Houses and Schools.	Foul Conditions	4	—	4
		Structural Defects	5	—	5
		Overcrowding	2	—	2
		Unfit for Habitation	1	—	1
	Lodging Houses	...	...	...	...	—	—	—
	Dairies and Milkshops	...	...	...	...	10	—	1
	Cow Sheds	...	...	...	...	41	—	11
	Bakehouses	...	...	...	...	5	—	1
	Slaughter-Houses	...	...	...	...	12	—	3
	Canal Boats	...	...	...	...	—	—	—
House Drainage	Ashpits and Privies	...	...	...	...	65	—	42
	Deposits of Refuse and Manure	...	...	...	...	56	—	51
	Water Closets	...	...	...	...	18	—	8
	Defective Traps	10	—	10
		No Disconnection	5	—	5
		Other Faults	97	—	73
	Water Supply	...	...	...	...	19	—	13
	Pigsties	...	...	...	...	55	—	37
	Animals improperly kept...	...	...	...	...	9	—	9
	Offensive Trades	...	...	...	...	—	—	—
	Smoke Nuisances	...	...	...	...	—	—	—
	Other Nuisances	...	...	...	...	804	—	178
	TOTALS						1,218	—	454
House-to-House Visits, 626									

	No.
Seizures of Unwholesome Food	—
Samples of Food taken for Analysis	—
" " found Adulterated	—
" of Water taken for Analysis	7
" " condemned as unfit for use	3

PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of Infected Bedding Stoved or Destroyed	13
Houses Disinfected after Infectious Disease	17
Schools " " " " " "	—
Prosecutions for not Notifying Existence of Infectious Disease	—
Convictions " " " " " "	—
Prosecutions for Exposure of Infected Persons or Things	—
Convictions " " " " " "	—

(Signed)

T. H. NEGUS,

ASSOCIATE ROYAL SANITARY INSTITUTE,

Inspector of Nuisances.

TABLE VII.

RESULTS OF WATER ANALYSIS.

Expressed in parts per 100,000.

No. of Water.	LOCALITY.	Date.	Free Ammonia.	Organic Ammonia.	Chlorine.	Nitrogen as Nitrates.	Oxygen absorbed in Four Hours.	Total Solid Matter.
1	Tap Water ... (Mills Cottage, Curdworth)	1910 Feb. 21st	Trace.	0.004	0.9	0	0.178	10
2	Tap Water ... (The Hall, Minworth)	May 3rd	0.001	0.002	0.9	0	0.180	9
3	Tap Water ... (The Hall, Castle Bromwich)	July 28th	Trace.	0.004	0.8	0	0.135	8
4	Well Water... (Wakefield's Farm Water Orton)	Nov. 26th	0.004	0.012	21.8	6.6	—	198
5	Well Water... (Blythe Cottages, Castle Bromwich)	Dec. 31st	Trace.	0.004	6.5	3.74	—	94
6	Well Water... (The Alders, Water Orton)	"	0.001	0.040	3.5	1.10	—	64
7	Tap Water ... (Fernlea, Water Orton)	"	0.001	0.002	0.9	0	0.172	12

TABLE VIII.
VACCINATION RETURN,

Showing the number of Births registered, together with the number of such cases successfully Vaccinated or otherwise disposed of during the Twelve Months ending 30th June, 1910.

VACCINATION DISTRICTS.	Number of Births registered during the year ended 30th June, 1910.	Number of these Cases successfully Vaccinated.	In susceptible of Vaccination.	Died before Vaccination.	Cases under Postponement.	Removals to other Districts out of the Union.	Number of Cases not to be found.	Number of Cases remaining Unvaccinated at Date of this Return.	Number of Consentitious Objection Certificates.
Castle Bromwich	15	14	0	0	0	0	0	0	1
Water Orton	10	4	1	1	0	0	0	2	2
Wishaw	6	4	0	0	0	0	1	0	1
Minworth	16	10	0	2	0	0	2	0	2
Curdworth	11	11	0	0	0	0	0	0	0
Totals	58	43	1	3	0	0	3	2	6

ERNEST HATELEY,
 VACCINATION OFFICER.

January 4th, 1911.

Annual Report of the Medical Officer of Health for the year 1910, for the Rural District of Castle Bromwich

On the Administration of the Factory and Workshop Act, 1901, in connection with
FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

PREMISES. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (including Factory Laundries)	4	—	—
Workshops (including Workshop Laundries)... ..	21	—	—
Workplaces (other than Outworkers' premises included in Part 3 of this Report)	—	—	—
Total	25	—	—

2.—DEFECTS FOUND.

PARTICULARS. (1)	Number of Defects.			Number of Prosecutions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts—</i>				
Want of Cleanliness	2	2	—	—
Want of Ventilation... ..	—	—	—	—
Overcrowding	—	—	—	—
Want of Drainage of Floors... ..	—	—	—	—
Other Nuisances	3	3	—	—
Sanitary Accommodation	Insufficient	—	—	—
	Unsuitable or Defective	1	1	—
	Not Separate for Sexes	—	—	—
<i>Offences under the Factory and Workshop Act—</i>				
Illegal occupation of Underground Bakehouse (s.101)	—	—	—	—
Breach of Special Sanitary Requirements for Bake- houses (ss. 97 to 100)	—	—	—	—
Other Offences (excluding Offences relating to Out- work which are included in Part 3 of this Report)	—	—	—	—
Total	6	6	—	—

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)	Number. (2)
Bakehouses'	4
Carpenters'	2
Smiths'	2
Bootmakers'	1
Total number of Workshops on Register	9

