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TWENTY-FOURTH
ANNUAL REPORT

OF THE

❧ **Sanitary Condition** ❧

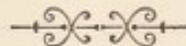
OF THE

POOLE RURAL DISTRICT,

comprising the Parishes of

**CANFORD MAGNA, KINSON, LYTCHETT MINSTER
AND LYTCHETT MATRAVERS,**

For the Year ended 31st Dec., 1909.



WILLIAM THOMAS GARDNER ROBINSON,

M.D., &c. (GLASGOW), D.P.H. (CAMBRIDGE),

MEDICAL OFFICER OF HEALTH.

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To the Members of the Poole Rural District Council.

GENTLEMEN,

I have the honour to submit to you the Twenty-fourth Annual Report for the year ended 31st December, 1909, of the health of the District, together with the Statistical Returns of the births and deaths.

AREA.—The area of the whole district is 17,353 acres, (exclusive of 94 acres covered by water,) made up as follows:—

	ACRES.
Canford Magna	7,846
Kinson	2,769
Lytchett Matravers	3,413
Lytchett Minster	3,325
	<hr/>
	17,353

The district is largely agricultural, except at Broadstone and Wallis Down, these being residential, and of an urban character.

POPULATION.—This was 4,779 at the census of 1901. The estimated population at the middle of 1909 was 5,550, the increase being chiefly at Broadstone and Wallis Down.

The number of inhabited houses at the 1901 census was 1081, the average number of persons per house being 4.4.

BIRTH RATE.—The number of births registered during the year was 142—77 males and 65 females. This is the largest total yet registered in the district. The next largest being in 1903 when 139 took place.

The *average Birth Rate* was 25·5, which is two above the decennial average.

DEATH RATE.—The deaths registered during the year numbered 59, giving an average of 10·6 per 1000 of the estimated population; but this must be corrected by adding six residents who died outside the district, (four in the Union Workhouse and two in the Cornelia Hospital,) this makes the corrected total 65, and the average 11·7. Only one death was registered as not certified.

The average age at death was 47 years.

The ages at which death took place were —

under 1 year	-	-	14
1 year and under 5 years	-	-	3
5 „ „ 15 „	-	-	1
25 „ „ 65 „	-	-	12
65 and upwards	-	-	29
			—
			59

The principal causes of death were :—

Senile Decay	...	...	8
Bronchitis	...	...	8
Cancer	...	...	7
Heart Disease	...	...	6

INFANTILE MORTALITY.—By this is meant the number of children dying under the age of one year out of every thousand births registered during the year. The total number was 14 and the rate 98·6. This is a slightly higher rate than last year. Convulsions caused four deaths under one week.

ZYMOTIC DISEASES.—37 notifications were received, viz. :—

Diphtheria	...	...	4
Erysipelas	...	...	1
Scarlet Fever	...	...	31
Puerperal Fever	...	...	1
			—
			37

These were notified from the following parishes :—

Canford Magna	...	10
Kinson	... ..	6
Lytchett Matravers	...	21
		37

Three deaths took place from Zymotic Diseases, two from Whooping Cough and one from Measles, both being non-notifiable diseases.

The Zymotic death-rate per 1000 living was .54.

SCARLET FEVER.—This caused 31 out of the 37 notified cases of infectious diseases. The epidemic prevailed mostly at Lytchett Matravers, where there had not been a previous visitation for many years. I have paid special attention to this, and have reason to believe that at the commencement the infection was conveyed from neighbouring parishes where the disease, in the same mild form, had been prevalent for some time. It has spread about amongst several of the cottagers by visiting each other; in many cases, on account of the ignorance of the parents, affected children were permitted to play with others not affected. Several were sent to the Infectious Hospital where they have all got on well. Mr. Seymour has superintended the disinfection of the premises, clothing, beds, &c., as required.

The County Council School at Lytchett Matravers was closed from 19th April for two weeks.

At Canford Village, Scarlet Fever spread a little in September, most of the cases were removed to Hospital and did well. Two of the cases were found personally on my house-to-house inspection. The infection here was evidently from next door.

The Schools were closed from September 17th to October 4th, and everywhere thoroughly disinfected. Only one other case was afterwards notified and this was a contact case from a neighbouring parish.

DIPHTHERIA.—Four cases were notified, three from Kinson and one from Lytchett Matravers. Two were removed to the Infectious Hospital, a mother and child from Wallis Down; both did well. The other two cases were of a mild nature and soon recovered.

PUERPERAL FEVER.—One case was reported from Kinson; had been attended by an unregistered midwife, who was warned as to the future. The patient soon recovered.

TUBERCULOSIS.—Under the Public Health (Tuberculosis) Regulations, 1908, I received two notifications, both having reference to cases at Wallis Down. The premises were inspected, and cards giving instructions as to disinfection, expectoration, diet, and personal cleanliness were left by Mr. Seymour.

EXCREMENT AND REFUSE DISPOSAL.—With regard to excrement disposal, the pail and dry earth system is almost universally adopted except at Broadstone amongst the better class houses, where cesspools are in use. As regards the former, they all seemed to be intelligently managed and in good order, and the contents disposed of without any nuisance or detriment to health. Many premises were visited during the year throughout the whole district. With regard to the *cesspools* at Broadstone, complaints were made by several inhabitants to the Local Government Board. In June, we were instructed to report to the Council, and after visiting and inspecting 94 premises a report was presented, and a copy sent to the Local Government Board. Dr. G. W. Wheaton, one of their Medical Inspectors, visited the Broadstone Lighting Area and inspected all round on the 3rd November. His report resulted in no order being made by the Board. Since his visit we have received no complaints.

Refuse Disposal at Broadstone is done by contract, and the system works well. There has been great improvement elsewhere owing to increased visits by Mr. Seymour or myself, or both of us, and much better and cleaner premises are found.

HOUSING OF THE WORKING CLASSES.—Many improvements have taken place, sanitary defects have been attended to, and altogether progress has been made. But there are still in existence some ancient cottages which will require attention at an early date, especially as regards dampness.

WATER SUPPLY.—Much the same as last year, except there is an improvement at Kinson. The Poole supply through the Lytchett Parishes is not yet available. All new houses have a public water supply.

NUISANCES.—Complaints during the year have received attention, two were of importance. One was the Gipsy Camp at Saunders Road, Kinson. We made a special report on this, the want of sanitary conveniences being very much felt. Three have been erected and there is not so much complaint. The other nuisance was a foul smell from a "tip," which has been abated. Mr. Seymour has paid 629 visits during the year and many minor defects have been remedied.

FACTORIES AND WORKSHOPS.—These have been visited and the results included in Mr. Seymour's tabulated returns.

SLAUGHTER AND BAKE-HOUSES.—All have been regularly visited and are generally well kept.

DAIRIES AND COWSHEDS.—These are improved, three new ones have been built and two others are building. Whitewashing and cleanliness are both paid more attention to, and we have visited several at "milking time" to see that the men are clean and that they attend to the "toilet" of the cow before commencing.

No epidemic could be traced to milk.

INFECTIOUS HOSPITAL.—This is in Poole Urban District. All our cases did well, the average stay being about 42 days.

DISINFECTION.—This is done by Formaline, all premises have been attended to where required, including four Schools.

MIDWIVES ACT.—Two notices of intention to practice in the District have been received. Both are from midwives resident in Poole, and both are known personally to me as able and careful practitioners.

It is satisfactory to record distinct improvement in the district, the higher birth-rate, the small Zymotic Mortality, the increased number of modern cowsheds in place of old delapidated ones, and the much cleaner and better kept state of the cottages, are works of progress in the right direction.

Mr. Seymour has been an active and most efficient officer. His summary is one of much valuable work done.

I am, Gentlemen,

Yours obediently,

W. T. GARDNER ROBINSON, M.D., D.P.H.,
Medical Officer of Health,
Poole R.D.C.

163 High Street,
Poole.
26th February, 1910.

TABLE I.
Vital Statistics of whole District during the year 1909 and previous years.

YEAR.	Population estimated to middle of each year.	BIRTHS		Total Deaths registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Residents in Public Institutions beyond the District.	Nett Deaths at all ages belonging to the District.	
		No.	*Rate	Under 1 year		At all ages				No.	*Rate
				No.	*Rate	No.	*Rate				
1899	4390	133	30.2	13	97.7	66	15	..	..	..
1900	4423	112	25.3	6	53.5	53	11.9	..	..	..
1901	4779	116	24.2	11	94.8	49	10.2	..	..	..
1902	4821	123	25.5	17	138.2	77	15.9	..	..	..
1903	4891	139	28.4	12	86.3	55	11.2	..	..	..
1904	4970	122	24.5	14	114.7	68	13.7	..	..	..
1905	5047	128	25	8	62.5	56	11	..	..	..
1906	5140	136	26.4	10	73.5	83	16.1	..	..	..
1907	5302	128	24.1	4	31.2	53	10	..	..	..
1908	5398	134	24.8	14	95.7	68	12.6	..	3	71 13.2	
<i>Averages for years 1899-1908</i>	4916	127	23.5	10	84.8	62	12.7	..	3	71 13.2	
1909	5550	142	25.5	14	98.6	59	10.6	..	6	65 11.7	

*Rates calculated at per 1000 of estimated population.

TABLE II.

Vital Statistics of separate Localities in 1909 and previous years.

Year.	CANFORD MAGNA.				KINSON.				LYTCHETT MATRAVERS.				LYTCHETT MINSTER.			
	Population esti- mated to middle of each year	Births registered	Deaths at all ages	Deaths under one year	Population esti- mated to middle of each year	Births registered	Deaths at all ages	Deaths under one year	Population esti- mated to middle of each year	Births registered	Deaths at all ages	Deaths under one year	Population esti- mated to middle of each year	Births registered	Deaths at all ages	Deaths under one year
1899	1582	30	21	3	927	54	24	6	858	18	7	..	1023	31	14	4
1900	1588	31	14	2	951	58	18	4	800	11	10	..	1024	12	11	..
1901	1524	41	18	4	1752	43	14	4	640	17	7	1	863	15	10	2
1902	1534	31	21	5	1778	57	31	9	647	17	10	..	866	18	15	3
1903	1557	35	19	3	1812	60	19	5	652	20	9	3	870	24	8	1
1904	1569	36	27	3	1852	54	23	9	663	16	8	1	886	16	10	1
1905	1585	33	17	..	1906	62	21	5	664	14	6	1	892	19	12	2
1906	1607	34	23	3	1972	55	30	6	666	19	8	..	895	28	22	1
1907	1682	37	20	..	2046	56	13	2	684	25	6	..	890	10	14	2
1908	1726	34	12	4	2087	67	38	9	690	12	11	1	895	21	7	..
Averages of years 1899—1908	1595	34	19	2	1708	56	23	..	696	16	8	1	910	19	12	1
1909	1777	37	21	5	2170	68	18	8	696	16	8	1	907	21	12	..

TABLE III.

Cases of Infectious Disease notified during the year 1909.

Notifiable Disease.	Cases notified in whole District.							Total cases notified in each Locality.			No. of cases removed to Hospital from each locality.			Total cases removed to Hospital.
	At all ages.	At Ages—Years.					Canford Magna	Kinson	Lytchett Matravers	Canford Magna	Kinson	Lytchett Matravers	Total cases removed to Hospital.	
		under 1	1—5	5—15	15—25	25—65									65 and upwards
Diphtheria ..	4	1	..	1	2	..	..	3	1	..	2	..	..	11
Erysipelas ..	1	..	..	..	1	..	..	1	..	..	..	..	..	..
Scarlet Fever ..	31	6	23	..	2	..	10	1	20	10	2	..	..	..
Puerperal Fever ..	1	..	..	1	..	..	..	1	..	..	..	..	..	..
	34	7	23	2	5	..	10	6	21	11	2	2	14	

Isolation Hospital—Poole Borough.

Total available beds, 36.

Number of Diseases that can be concurrently treated, 4.

TABLE IV. Causes of, and Ages at, Death during Year 1909.

CAUSE OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Total Deaths in Public Institutions in the Borough.
	All ages.	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	
Measles ..	1	..	1	..	..	..	..	..
Whooping Cough ..	2	2	..	..	..	..	..	..
Epidemic Influenza ..	1	..	..	..	..	..	..	..
Gastritis ..	2	1	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis) ..	1	..	..	..	..	1	..	..
Other Tuberculosis Diseases ..	3	1	1	..	..	1	..	..
Cancer, malignant disease ..	7	..	..	..	..	2	..	..
Bronchitis ..	8	2	..	..	..	..	5	..
Pneumonia ..	3	1	..	..	..	..	6	..
Alcoholism—Cirrhosis of Liver ..	1	..	..	..	..	1	..	..
Premature Birth ..	1	1	..	..	..	..	..	..
Diseases and Accidents of Parturition ..	1	..	..	..	..	1	..	..
Heart Diseases ..	6	..	..	..	..	2	..	..
Accidents ..	1	..	..	..	..	1	..	..
All other causes ..	21	6	1	1	..	3	10	..
All causes ..	59	14	3	1	..	12	29	6

TABLE V. Infantile Mortality during the year 1909.

Cause of Death.	DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER ONE YEAR OF AGE.											Total Deaths under one year.				
	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
ALL CAUSES	5	1	1	..	7	..	1	..	..	..	1	4	..	..	1	14

Whooping Cough	1	..	..	..	..	..	..	..	..	2
Gastritis	1
Premature Birth	1	..	..	..	..	..	..	..	..	..	..	1
Atrophy	1	..	..	..	..	1	..	..	..	..	..	2
Convulsions	4	..	..	..	..	..	..	..	..	..	..	4
Bronchitis	2
Pneumonia	1
Other causes	1	..	1	..	..	..	..	..	..	..	..	..	..	1
	5	1	1	..	7	..	1	..	..	..	1	4	..	..	1	14

Population (estimated to middle of 1909), 5,550.

Births in the Year, 142.

Deaths in the Year of Legitimate Infants, 13; Illegitimate, 1.

Deaths from all causes at all ages, 59.

COUNTY OF DORSET.

THE RURAL SANITARY DISTRICT OF POOLE.

Return relating to Sanitary Work within the above District during the year ending 31st December, 1909.

Number of complaints received during the year	...	13
Number of Inspections of Houses, Premises, &c.	...	629
Results of Inspections—Nuisances abated on being notified—		
Orders issued for Sanitary Amendment of Houses and Premises—Houses, Premises, &c., Cleaned, Repaired, Whitewashed, &c.	... ..	2
Houses Disinfected after Infectious Illness—ten houses and four schools		
House Drains—New Provided	... ..	47
Repaired, cleaned, trapped, &c.	... ..	8
Privies and W.C.'s—New provided	... ..	3
Repaired, &c.	... ..	1
Water supplies provided—All new houses have supplies from Local Companies		
Miscellaneous—		
Removal of Accumulations of Manure, Animal and other refuse	... ..	8
Animals Removed, being improperly kept	... ..	1
Cases of Overcrowding	... ..	1
Number of Lodging-houses Registered	... ..	0
Legal Proceedings (Summonses)	... ..	0

General Remarks—

House refuse is now being collected by the Council in the Broadstone Lighting Area.

All Bake-houses, Slaughter-houses, Laundries, &c., are regularly inspected, and are generally well kept

Three new modern dairies have been built, and two are at present being built

G. H. SEYMOUR

Sanitary Inspector.

24th February, 1910.