

**[Report of the Medical Officer of Health for Romford].**

**Contributors**

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ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

Romford Urban District

For the Year 1908.

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ROMFORD:  
J. E. CASTLE, Printer, Market Place.

# ANNUAL REPORT.

*To the Romford Urban District Council.*

GENTLEMEN,

I beg to present my Annual Report on the health of the Romford Urban District, for the year ending December 31st, 1908.

328 deaths were registered as having occurred in the Urban District of Romford, during the year ; I do not include amongst this number those deaths which took place amongst the inmates of the Union Workhouse, except the deaths of actual residents of the district who have died there. 138 deaths were registered as having occurred at that Institution, mainly of aged people, most of whom came from those parts of the Romford Union beyond the limits of the Urban District. Eliminating these and including the deaths of town residents removed to the Union Workhouse, the deaths for the district were 188. The population of the district was estimated to be 16,300. The death-rate would therefore be 11·5 per 1,000 of the population. The number of births registered during the year was 418, the birth-rate being 25·9 per 1,000.

ROMFORD.	BIRTH RATE.	DEATH RATE.
1904	28·4	10·6
1905	27·4	12·4
1906	22·8	12·1
1907	29·5	11·1
1908	25·9	11·5

I think the Council will be satisfied that Romford maintained its reputation for a low mortality.

*Summary of Action taken to prevent the spread  
of Disease.*

No.	Date.	Locality.	Disease.	Source of Disease. Action taken.	Result.
1	Jan. 3	Market Place ...	Scarlet Fever...	One case. Infection from neighbouring case.	See No. 16
2	" 5	St. Edward's Square	Scarlet Fever...	One case in Boarded-out Homes. Infection presumed to be brought by a visitor. Removed.	
3	" 2	Collier Row ...	Scarlet Fever...	One case. A previous case recently discharged from Hospital. Removed.	
4	" 3	George Street ...	Scarlet Fever...	One case. Origin obscure. Removed.	
5	" 6	George Street ...	Diphtheria ...	Ditto	See No.
6	" 8	Factory Terrace	Scarlet Fever...	Two cases in one family. Contracted from an adjacent case. Removed.	
7	" 8	George Street ...	Diphtheria ...	One case. Insanitary condition. Removed.	
8	" 22	Victoria Road ...	Diphtheria ...	One case. Insanitary condition.	See No. 28
9	" 22	Salisbury Road ...	Diphtheria ...	One case. Insanitary condition. Removed.	
10	" 20	Knighton Road...	Scarlet Fever...	Two cases in one house. Infection brought from beyond the district. Removed.	See No.
11	" 20	George Street ...	Scarlet Fever...	One case. Removed.	
12	" 30	Carlisle Road ...	Diphtheria ...	Ditto	
13	" 30	Shakespeare Road	Diphtheria ...	Ditto Insanitary condition.	See No.
14	" 31	Richmond Street	Scarlet Fever...	One case. Infection imported. Removed.	
15	Feb. 1	Moore's Yard ...	Scarlet Fever...	Ditto	See No. 19
16	" 5	St. Edward's Square	Scarlet Fever...	Another case in Boarded-out Homes. Removed.	

No.	Date.	Locality.	Disease.	Source of Disease. Action taken.	Result.
17	Feb. 5	George Street ...	Scarlet Fever...	One case. Infection by a neighbouring case. Removed.	
18	" 6	Waterloo Road ...	Scarlet Fever...	Ditto	
19	" 6	Moore's Yard ...	Scarlet Fever...	One case. In same family as No. 15. Removed.	See No. 20
20	" 7	Moore's Yard ...	Scarlet Fever...	Two more cases in same family. Removed.	No further case
21	" 7 & 8	George Street ...	Diphtheria ...	Two cases in one family. Insanitary condition. Removed.	No further case
22	" 9½	Western Road ...	Diphtheria ...	One case.	No further case
23	" 17	Richmond Road...	Scarlet Fever...	One case. Infection by a neighbouring case. Removed.	No further case
24	" 26	Rush Green ...	Scarlet Fever...	One case. In a Beerhouse. Infection presumed to be imported. Removed.	No further case
25	Mar. 5	Victoria Road ...	Diphtheria ...	One case. Infection by another member of the family. See No. 8.	No further case
26	" 7	Willow Street ..	Scarlet Fever...	One case of 3 weeks standing, not recognized. The source of several other cases. Removed.	See Nos. 27, 28, 31, 33
27	" 7	Willow Street ...	Scarlet Fever...	One case. Infection by No. 26. Removed.	
28	" 10	Waterloo Road ...	Scarlet Fever...	Two cases. Infection by No. 26.	
29	" 19	North Street ...	Scarlet Fever...	One case. An adult. Infection by children in same family who (two) had the disease recently, disease not being recognised. Isolated at home.	No other case
30	" 19	Wolsley Road ...	Diphtheria ...	One case. A bad one. Origin obscure. Insanitary defects on premises. Removed.	No other case
31	" 19	Waterloo Road ...	Scarlet Fever...	One case. Same source of infection as No. 28. Removed.	No other case
32	" 19	Squirrels Heath	Scarlet Fever...	One case. Origin obscure. Removed.	No other case
33	" 19	Willow Street ...	Scarlet Fever...	Another case in same family as No. 27. Removed.	No other case
34	" 28	Como Street ...	Scarlet Fever...	One case. Removed.	No other case
35	Apr. 4	Collier Row ...	Scarlet Fever...	Two cases in one family. Return cases. Removed.	No other case

No.	Date.	Locality.	Disease.	Source of Disease. Action taken.	Result.
36	Apl. 4	London Road ...	Scarlet Fever	One case. Infection from neighbouring case. Removed.	No other case
37	„ 9 & 13	Salisbury Road ...	Scarlet Fever	Two cases. Source of infection obscure. Removed.	See No. 39
38	„ 16 & 17	Manor Road ...	Scarlet Fever	Two cases in one family. Infection presumably imported from London. No other children in the house. Isolation at home.	No other case
39	„ 21	Salisbury Road ...	Scarlet Fever	Two cases Presumably infection by No. 37. Removed.	No other case
40	„ 21	Shaftesbury Road	Diphtheria	One case. Supposed to have been contracted at a Children's Hospital in London. Removed.	No other case
41	„ 23	Mark's Road ...	Diphtheria	One case. Local Sanitary defects. Removed.	No other case
42	„ 27	London Road ..	Scarlet Fever	One case. Source of infection obscure. Father a Rag Merchant. Removed.	No other case
43	„ 29	Waterloo Road ..	Scarlet Fever	One case. Source of infection obscure. Removed.	See No. 44
44	May 2	Waterloo Road ...	Scarlet Fever	One case. Contracted from No. 43. Removed.	No other case
45	„ 18	Waterloo Road ...	Scarlet Fever	One case. Removed.	No other case
46	„ 24	Factory Terrace	Scarlet Fever	One case. Source of infection obscure. Removed.	No other case
47	„ 30	Como Street ...	Scarlet Fever	Two cases. A previous case in this house unrecognized. Removed.	No other case
48	June 1	Wolsley Road ...	Scarlet Fever	One case. presumably infection by a woman who worked in the laundry at the Isolation Hospital. Removed.	No other case
49	„ 16	London Road ...	Diphtheria	One case. Local Sanitary defects. Removed.	No other case
50	„ 20	Richmond Street	Scarlet Fever	One case. Removed.	No other case
51	„ 25	Willow Street ...	Scarlet Fever	One case. Removed.	No other case
52	„ 17	Union Workhouse	Small Pox	One case. A tramp. Removed to Small Pox Hospital.	No other case
53	July 3	Willow Street ...	Scarlet Fever	One case. Removed.	No other case
54	„ 8 and 10	Mawneys Road ...	Diphtheria	Two cases in one family. Origin obscure. A foul surface sewer ventilator near the house. Removed.	No other case

No.	Date.	Locality,	Disease.	Source of Disease. Action taken.	Result.
55	July 8	Salisbury Road ...	Scarlet Fever	Two cases in one house. Removed	No other case
56	" 23	Factory Terrace .	Scarlet Fever	One case. Removed.	"
57	" 30	Hainault Road ..	Scarlet Fever	Four cases in one house. Two recent, two of old standing and unrecognized. Several cases occurred in this locality, presumably infected by these cases. The two recent cases were removed.	See Nos. 61, 64, and 65
58	" 31	Queen Street ...	Scarlet Fever	One case. Removed.	See No. 59
59	Aug. 1	Waterloo Road...	Scarlet Fever	One case, infected by No. 58. Removed.	No other case
60	" 2	Factory Terrace .	Scarlet Fever	Two cases in separate homes. Both children attend the Factory School. Possibly an unrecognized case at School, the source of infection. Removed.	"
61	" 10	Hainault Road ...	Scarlet Fever	One case, infected by No. 57.	
62	" 10	Well Yard ..	Scarlet Fever	Two cases in one family, presumably infected at School. Removed.	"
63	" 10	Waterloo Road...	Scarlet Fever	One case. Ditto	"
64	" 14	Hainault Road ..	Scarlet Fever	One case, infected by No. 57.	"
65	" 15	Hainault Road ...	Scarlet Fever	Three cases in one family, one of some standing, and presumably infected by No. 57. Not removed.	See No. 69
66	" 18 and 19	Queen Street ...	Scarlet Fever	Four cases in separate houses, of a fortnight standing,	See No. 71
67	" 22	Victoria Road ...	Scarlet Fever	One case. No other children. Isolated at home.	No other case
68	Sept. 4	Waterloo Road ..	Scarlet Fever	One case. Removed.	"
69	" 4	Hainault Road ..	Scarlet Fever	Another case in same family as No. 65.	"
70	" 4	Marks Road ...	Scarlet Fever	One case. Infection imported from beyond the district. Removed.	"
71	" 4	St. Andrews Road	Scarlet Fever	One case, infected by No. 66. Removed.	"

No.	Date.	Locality.	Disease.	Source of Disease. Action taken.	Result.
72	„ 12	Factory Terrace .	Scarlet Fever	Two cases in two families. Re- moved.	No other case
73	„ 21	Hamilton Road .	„	One case. Removed.	„
74	„ 22	London Road ..	Diphtheria	One case. Removed.	„
75	„ 22	Factory Terrace .	Scarlet Fever	One case. Removed.	„
76	„ 22	Mawneys Road ..	Diphtheria	One case. Local Sanitary defects. Removed.	See No. 85
77	„ 22	Hamilton Road..	Scarlet Fever	One case. Removed.	No other case
78	„ 22	High Street ..	„	One case, contracted in London. Removed.	„
79	„ 23	Union Workhouse	Enteric Fever	One case. A tramp. Fatal.	„
80	Oct. 3	Queen Street ..	Diphtheria *	One case. Origin obscure. Re- moved.	„
81	„ 3	Vine Street ..	Enteric Fever	One case. Contracted away from home.	„
82	„ 10	Pretoria Road ..	Diphtheria	One case. A dubious one.	„
83	„ 15	Rush Green ...	Scarlet Fever	One case. Infection imported. Removed.	„
84	„ 18	Factory Terrace .	„	One case. A return case. Re- moved.	„
85	„ 21	Mawneys Road ..	Diphtheria	One case in same house. as No. 76. Removed.	„
86	„ 24 and 26	Salisbury Road ..	Diphtheria	Two cases in one family. No local insanitary defect. Origin obscure. Removed.	„
87	„ 26	Union Workhouse	Enteric Fever	One case.	„
88	„ 26	Manor Road ..	„	Ditto	See No. 92
89	Nov. 3	Waterloo Road..	„	One case. Removed.	No other case
90	„ 7	Brentwood Road.	„	One case. Origin obscure. Re- moved.	„
91	„ 14	Rush Green ...	„	One case. Infection imported be- yond the district. Removed.	„
92	„ 14	Manor Road ..	„	One case in same family, as No. 88.	„

No.	Date.	Locality.	Disease.	Source of Disease. Action taken.	Result.
93	Nov. 18	Margaret Road ..	Diphtheria	One case. Origin obscure. Re- moved	No other case
94	" 18, 22, and 23	North Street ...	Scarlet Fever	Three cases in one family. the first unrecognized for some days. Removed	"
95	" 30	Waterloo Road ..	"	One case. Removed	"
96	Dec. 4	Eastern Road ..	"	One case. Isolation at home	"
97	" 8	Cotleigh Road ..	"	One case. Presumably infected by No. 95. Removed	"
98	" 8	Stockland Road...	"	Ditto ditto	"
99	" 8	Marlboro Road...	Enteric Fever	One case, contracted away from home. Removed	"
100	" 8	Queens Street ...	Scarlet Fever	One case, presumably infected at School, where children from a house where the disease ex- isted, unrecognized were attend- ing. Removed	"
101	" 9	Brookland Road...	"	One case. Removed	"
102	" 11	Stockland Road...	"	Four cases, one of 14 days dura- tion, unrecognized, the source of infection in cases No. 27, 98, and 100, Removed	
103	" 18	Hare Hall Garden	Diphtheria	Two cases, defective drain, Re- moved	See No. 107
104	" 21	Waterloo Road ...	Scarlet Fever	One case. Removed	No other case
105	" 21	Shaftesbury Road	Enteric Fever	A dubious case	
106	" 22	London Road ...	Scarlet Fever	One case, presumably infected away from home	"
107	" 28	Squirrels Heath	Diphtheria	One case, presumably infected by No. 103. Removed	"

*Small Pox.* One case of this disease was notified. The subject of it was a tramp admitted into the casual ward of the Union Workhouse. He was promptly removed to the Small Pox Hospital and no other case of the disease occurred.

*Scarlet Fever.* This disease was more rife than it has been for some years past. It was very prevalent in localities beyond the Urban District, and although it never assumed the features of an epidemic, it occurred in an isolated manner over mainly the Town Ward and the Harold Wood Ward. Most of the cases were removed to the Isolation Hospital, and to this I attribute the fact that the disease was fairly kept within bounds. 115 cases were notified during the year.

The steps taken to prevent the spread of Scarlet Fever are as under :—If the case is removed to the Hospital, the Sanitary Inspector at once disinfects the rooms, bedding, &c., and when the wall and ceiling are especially dirty, notice is served on the owner to re-paper and whitewash. When the case is not removed, the disinfection is done after the patient has ceased to be infectious, and in these instances, the bedding, &c., which has necessarily become more infectious than when the patient is removed in the early stages of the disease, is taken to the Hospital disinfector. That these steps for checking the spread of the disease are successful is shown by the fact that it is very rare for a second case to occur in the same family, except where the disease has been simultaneously caused by exposure to the same source of infection as the first case removed.

*Diphtheria.* 27 cases of this disease were notified, some of which, on bacteriological examination, were shown not to be cases of diphtheria. In no instance did it assume an epidemic form.

*Enteric Fever.* Six cases were notified, two of them having been brought into the Union Infirmary from beyond the district.

The remaining four were, as far as I could ascertain, contracted out of the district, and were not, at all events, connected with local sanitary defects.

*Measles.* Prevailed rather extensively during the earlier part of the year, as was the case in other localities. As it is not a notifiable disease, I am unable to say how many cases occurred.

Disease of this type (zymotic disease) caused 12 deaths, as shown in the annexed table. The death-rate from this class of disease was 0·7 per 1,000.

Scarlet Fever	...	4
Diphtheria	...	6
Measles	...	2
		—
Total	...	12
		—

The death rate from this class of disease for the past five years has been 0·8, 0·2, 0·4, 0·4, 0·7.

The following table represents the total number of infectious diseases notified during the year, 105 of which were removed to the Isolation Hospital.

Scarlet Fever	...	115
Diphtheria	...	27
Erysipelas	...	24
Enteric Fever	...	4
		—
Total	...	170
		—

During the previous year 138 cases were notified, the increase of this year being caused by the increased prevalence of Scarlet Fever this year, in common with other localities bordering on London, where the disease was more prevalent than it has been for many years past.

Infantile Diarrhœa, which during the summer months, is frequently very prevalent, was unusually absent, only three deaths having been caused by it.

Every case of infectious disease notified to me is reported by me to the Sanitary Inspector, who visits and reports to me all cases which I do not personally investigate, supplies disinfectants and disinfects the room, bedding, &c., and in cases of those diseases usually associated with insanitary surroundings (Diphtheria, &c.) he makes an exhaustive examination of the sanitary arrangements and causes any defect found to be remedied. He also, in such cases, when the drinking water is from a private source, brings me a sample of it for analysis.

Periodical inspection of the various parts of the district have been made and all insanitary conditions discovered remedied by notices served by the Sanitary Inspector, whose intervention is recorded in the tabular list below.

Nuisances abated	-	-	-	372
Notices served	-	-	-	329
Summonses taken out		-	-	8
Convictions	-	-	-	6
Houses disinfected	-	-	-	96
Overcrowding abated		-	-	0
Houses repaired, &c.		-	-	5
Improved water supply		-	-	15
Wells closed	-	-	-	3
Houses connected with sewer	-		-	10
Privies and w.c.'s repaired	-		-	7
Cisterns repaired, &c.		-	-	5
Animals improperly kept	-		-	1
Samples of water analyzed	-		-	9
Unsound meat seized	-		-	0

The various Bake-houses, Slaughter-houses, Dairies and Workshops have been inspected, and any defects found remedied on notice served by the Sanitary Inspector.

The following are instances in which my action as Medical Officer of Health was required, by your instructions or by the request of the Sanitary Inspector.

1908. *Jan. 13th.* George Street. The whole of the sewer in this street was this day flushed with carbolic fluid by means of the house drains.

*Feb. 11th.* Balmoral Villa, Palm Road. A sample of the water from the well on these premises was submitted to me for analysis. It was found to be fit for potable purposes.

*Feb. 18th.* 1 to 4, Nelson Place, Queen Street. A sample of the water from the well on these premises was submitted to me for analysis and found to be bad. A supply of water from the South Essex Water Company's main has been provided.

*Feb. 18th.* 9 to 15 Queen Street. A sample of the water from the well upon these premises was submitted to me for analysis and found to be bad. A supply from the South Essex Water Company's main has been provided.

*Feb. 20th.* 19 Mildmay Road. A sample of the water from the well upon these premises was submitted for analysis and found to be fit for potable purposes.

*Feb. 27th.* 5, Smith's Cottages, St. Andrew's Road. Inspected the room used by an aged inmate of the house, and in consequence of his condition I ordered removal to the Infirmary. The room was afterwards cleansed.

*Feb. 29th.* 23, 25 and 27, North Street. A sample of the water from the well upon these premises was submitted for analysis and found to be fit for potable purposes.

*Mar. 4th.* High Street. Inspected a quantity of dog fish brought to me by the owner, at the request of the Sanitary Inspector, and certified it unfit for food. The whole consignment was destroyed.

*Mar. 20th.* 22, 24 and 26, Salisbury Road. The water test was applied to the drains of these premises, and they were found to be in a satisfactory condition. Complaint to me by occupier.

*April 12th.* 8, Marks Road. Dressmaking Workshop. Requested the Inspector to visit and order occupier not to take in any more work, and children not to go to school until the premises and clothing had been disinfected. The premises and clothing were disinfected by the Inspector. Case of German Measles.

*April 19th.* Schools in the District. Requested the Inspector to visit all the Schools in the district and warn Headmasters and Headmistresses not to admit any children from infected houses during the prevalence of measles.

*April 24th.* 4, Manor Road. Requested the Inspector to test the drains of this house, this he did and reported to me defective joints to ventilator. These have since been made good.

*April 29th.* 17 and 19 Victoria Road. Requested the Inspector to make an inspection of the drains of these premises. The drains were found to be very bad, pipes broken and an old cesspool leaking into cellar of No. 17. Notice was served on the owner of the premises to provide proper drains. This was at once carried out, and new drains throughout have been put in and were tested with water.

*April 29th.* 2 and 4, London Road. Requested the Inspector to examine the drains of these premises. The drains were found to be defective and notice was served on the owner to put the drains in proper repair. The works were at once carried out and the condition of the drains made satisfactory.

*May 4th.* Moss Lane School. Requested the Inspector to visit and warn Headmistress not to admit any children from infected houses. A number of cases of measles had occurred among the children attending this school.

*May 5th.* 29, 31 and 33, Willow Street, Requested the Inspector to make an inspection of these premises, and he reported to me that they were in a satisfactory condition.

*May 13th.* 1, Park Villas, Brentwood Road. Requested the Inspector to make enquiries at this house with reference to a case of Scarlet Fever having been detected at St. Bartholomew's Hospital, in a patient from this house. One child at home quite healthy. Source of contagion unknown.

*May 15th.* 34, High Street. At the request of the Inspector I visited this house to ascertain its habitable condition. Subject to the removal of existing ground floors, excavation for air space and concrete over site of floors, and new floors provided, the house was in good habitable condition. The works before mentioned were at once carried out.

*May 18th.* Cowsheds, Marlborough Road. Examined sample of the water from the well upon these premises submitted for analysis by the Inspector, and certified it fit for potable purposes.

*June 29th.* Water supply, 13 houses, Straight Road. Visited the above houses in company with the Inspector and made enquiries with reference to the water supply. The whole of the premises were found to be without a proper water supply. This was reported by me to the Council. A water main has now been laid along the road and the whole of the premises have been connected.

*June 30th.* Kia-Ora, Balmoral Road. Requested the Inspector to make an inspection at these premises. He reported to me that the cesspool required cleansing, this was done in the course of a few days.

*July 10th.* Halstead House, Mawney Road. Requested the Inspector to test the drains at this house. He reported to me that they were in a satisfactory condition.

*July 28th.* 43, Marlborough Road. Requested the Inspector to visit these premises, the occupier having purchased a quantity of condemned apple pies, puddings, &c. Guarantee obtained from occupier that goods should only be used for pig food. Visits were made by the Inspector until all goods had been consumed by the pigs.

*Aug. 29th.* 52 to 58, Albert Road. An anonymous complaint was made to the Council of the condition of the drains. The Inspector visited and found drains defective. Notices were served on the owner to provide proper drains, and new drains were put in throughout and tested with water.

*Sept. 8th.* 41, North Street. Requested the Inspector to visit this house in consequence of complaint of refuse having been deposited. The Inspector reported to me that a small quantity of vegetable matter had been deposited in the garden. The occupier caused it to be at once removed.

*Sept. 8th.* 55, North Street. Requested the Inspector to visit these premises in consequence of complaint of dangerous chimney pots. He reported to the surveyor who took the necessary steps to have the dangerous chimney pots removed.

*Sept. 25th.* 22 to 26, Marks road. Complaint was made of the water supply at these premises. A sample of the water from the well on the premises was submitted by the Inspector to me for Analysis. The water was found to be fit for potable purposes, and there was a plentiful supply.

*Sept. 25th.* 73 to 79, London Road. At the request of the Inspector I visited these premises to ascertain their habitable condition. I reported to the Sanitary Committee this day. The whole of the old ground floors were removed, excavation for concrete over site of floors made, the whole of the sites of the floors concreted, new floors laid, a damp course provided, and all new drains laid and tested with water. The premises are in a satisfactory condition.

*Oct. 15th.* Brick Kiln Farm, Straight Road. A sample of the water from the well on these premises was submitted to me by the Inspector for analysis. I found the water to be fit for potable purposes.

*Oct. 16th.* River Rom, High Street. Two samples of a fluid oozing through the retaining walls of this river were submitted to me by the Inspector for analysis. I found them to be sewage matter. The necessary steps were taken to prevent the pollution of the river.

*Oct. 27th.* Pigstyes, &c., Marlborough Road. Messrs. Buckett & Jennings. At the request of the Inspector I visited these premises and found a serious nuisance existing, arising from pig keeping, boiling of offal, &c., the styes and paving being very defective. Notice was served on the owners to abate the nuisance. The notice was not complied with. a summons was issued, and the defendants fined and ordered to carry out the works within 14 days. The premises have since been dismantled and are now satisfactory.

*Oct. 22nd.* Oak Villa, Ems Road. I visited these premises in company with the Sanitary Inspector and found them to be satisfactory. A sample of the water from the well was taken and analyzed by me and found to be bad. A proper water supply has since been provided.

*Nov. 30th.* Cowsheds, &c., Marlborough Road. Visited these premises in company with the Inspector, confirmed list of works required by notice served on Mr. Whiffen by the Inspector and reported to the Council. The Cowsheds have since been visited by me, and the works are in progress.

*Dec. 3rd.* River Rom, The Batters, South Street. Two samples of matter floating on surface of River Rom were submitted to me by the Inspector. I found them to be vegetable matter only. Complaint of this was made by Mr. Clifton.

Tables of mortality and of sickness, complied in accordance with the requirement of the Local Government Board's instructions, are appended to this report.

I have the honour to be, Gentlemen,

Your obedient Servant,

ALFRED WRIGHT,

*Medical Officer of Health.*

ROMFORD,

March 8th, 1909.

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## ISOLATION HOSPITAL.

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The following cases were admitted into the Isolation Hospital during the year.

Scarlet Fever	...	90
Diphtheria	...	24

The Hospital continues to give every satisfaction to the friends of patients admitted, and I am thoroughly convinced of its efficiency in checking the spread of infectious disease.

TABLE I.  
Vital Statistics of Whole District during 1908 and previous Years.  
ROMFORD URBAN DISTRICT.

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 Non-Residents registered in Public In- stitutions in the District.	Deaths of Residents registered in Public In- stitutions beyond the District.	Nett deaths at all ages belonging to the District.	
		Number	Rate.*	Under 1 yr. 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	13
1898												
1899												
1900	11,560	398	28·7	42	105	226	16·5	63	55	..	171	12·6
1901	13,650	395	28·9	58	113	232	16·9	96	80	10	152	11·1
1902	14,000	414	29·5	42	101	251	17·9	85	79	4	172	12·2
1903	14,400	424	29·4	42	99	241	16·7	99	73	1	168	11·6
1904	14,700	418	28·4	49	117	203	13·8	104	79	4	148	10·03
1905	15,000	412	26·1	53	128	296	19·7	114	91	1	187	12·4
1906	15,600	371	22·8	53	142	305	20·8	98	82	3	226	13·1
1907	15,780	467	29·6	42	89	566	16·8	104	90	...	176	11·1
Aver- ages for years 1898- 1907												
1908	16,300	418	25·9	38	90	285	17·5	140	108	11	188	11·5

\* Rates in columns 4, 8, and 13, calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water), 5,629.

Total population at all ages, 13,656 .....  
 Number of inhabited houses, 2805.....  
 Average number of persons per house, 4·8 .. ... } At Census of 1901.

Is the Union Workhouse within the District?—Yes.

1	2	3
Institutions within the District receiving Sick and Infirm persons from outside the District.	Institutions within the District receiving Sick and Infirm persons from the District.	Other Institutions, the deaths in which having been distributed among the several localities in the District.
<p>Union Workhouse.</p> <p>Cottage Hospital.</p>	<p>Isolation Hospital.</p>	

TABLE II.

Vital Statistics of separate Localities in 1908 and previous years.

ROMFORD URBAN DISTRICT.

Year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1898 ...	a	b	c	d
1899 ...				
1900 ...	11500	398	226	42
1901 ...	13650	395	232	58
1902 ...	14000	414	251	42
1903 ...	14400	424	241	42
1904 ...	14700	418	203	49
1905 ..	15000	412	296	53
1906 ...	15600	371	305	53
1907 ..	15780	476	266	42
Averages ) of Years { 1898 to 1907 }				
1908 ...	16300	418	258	31

TABLE III.  
Cases of Infectious Disease notified during the Year 1908, in the Romford Urban District.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.							
	At all Ages.	AT AGES - YEARS.						1	2	3	4	5	6	7	Total cases removed to Hospital.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 60.	65 and upwards.								
Small Pox ... ..	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous croup)	27	...	7	20	...	...	...	24	...	...	...	...	...	...	...
Erysipelas ... ..	24	...	...	...	5	14	5	...	...	...	...	...	...	...	...
Scarlet fever ... ..	115	...	40	65	...	3	...	90	...	...	...	...	...	...	...
Typhus fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric fever ... ..	6	...	...	...	1	5	...	1	...	...	...	...	...	...	...
Relapsing fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
* ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ... ..	173		47	85	13	23	5	106							

Isolation Hospital—Romford Joint Hospital, Rush Green, Dagenham. Total available Beds—50. Number of Diseases that can be concurrently treated—three.

TABLE IV.  
Causes of, and Ages at, Death during Year 1908, Romford  
Urban District.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN OR BE- LONGING TO LOCALI- TIES (AT ALL AGES.				Total Deaths whether of "Resi- dents" or 'non-resi- dents' in Public Institu- tions 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 up- wards.					
Small-Pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles ... ..	2	1	1	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	4	...	2	2	...	...	...	...	...	...	...	...
Whooping-cough ... ..	1	...	1	...	...	...	...	...	...	...	...	1
Diphtheria and Mem- branous Croup ... ..	6	...	4	2	...	...	...	...	...	...	...	...
Croup .. ...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	1
{ Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	
{ Other contin'd ... ..	...	...	...	...	...	...	...	...	...	...	...	
Epidemic Influenza ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cholera... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa ... ..	3	3	...	...	...	...	...	...	...	...	...	...
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	1	1	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases												
Phthisis (Pulmonary Tuberculosis) ... ..	10	...	...	...	...	7	3	...	...	...	...	19
Other tubercular dis- eases... ..	9	4	4	1	...	...	...	...	...	...	...	10
Cancer, Malignant disease ... ..	21	...	...	...	...	10	11	...	...	...	...	14
Bronchitis ... ..	10	4	...	...	...	1	5	...	...	...	...	...
Pneumonia ... ..	13	4	2	1	...	3	3	...	...	...	...	10
Pleurisy... ..	1	..	..	...	...	1	...	...	...	...	...	...
Other Diseases of Res- piratory Organs ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism            } Cirrhosis of Liver }												
Venereal Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth ... ..	10	10	..	...	...	...	...	...	...	...	...	3
Diseases and Accidents of parturition ... ..	1	...	...	...	...	...	...	...	...	...	...	1
Heart Diseases ... ..	22	1	1	1	...	11	8	...	...	...	...	21
Accidents ... ..	4	...	3	..	1	...	...	...	...	...	...	3
Suicides... ..	...	...	...	...	...	...	...	...	...	...	...	1
Senile Decay ... ..	19	...	...	...	...	...	19	...	...	...	...	34
All other causes ... ..	51	10	4	1	..	15	20	...	...	...	...	22
All causes ... ..	178	38	22	3	1	49	70					140



## ESSEX COUNTY COUNCIL.

Summary of Work done through the Sanitary Inspector in the  
Urban Sanitary District of Romford during the year ending  
December 31st, 1908.

*(To be sent to the Clerk to the County Council with the Medical  
Officer of Health's Annual Report.)*

	Total Number for year.
1 Complaints received ...	34
2 Nuisances detected without complaint ...	344
3 Nuisances abated ...	372
4 Notices served ...	329
5 Summonses taken out ...	8
6 Convictions ...	6
7 Cottages inspected ...	430
8 Lodging-houses inspected ...	2
9 Slaughter-houses inspected ...	9
10 Bakehouses inspected ...	16
11 Dairies and Milk Shops in- spected ...	16
12 Cowsheds inspected ...	17
13 Workshops inspected ...	93
14 Filthy houses cleansed, sec. 46 Public Health Act, 1875 ...	1
15 Houses disinfected ...	96
16 Overcrowding abated ...	—
17 Houses placed in habitable repair ...	5
18 Houses closed ...	Nil.
19 Houses erected or re-built for which Water "Certificates" were applied ...	—

			Total Number for year.
20	"Certificates" granted	...	—
21	" deferred	...	—
22	Wells sunk or improved supplies of Water afforded	...	15
23	Wells cleansed or repaired	...	2
24	Wells closed	...	3
25	Houses connected with sewers		10
36	" " " water mains	...	15
27	Earth, pail, or improved Privies constructed or existing Privies altered	...	—
28	Privies and W.C.'s repaired ; W.C.'s supplied with water		7
29	Cisterns cleansed, repaired, or covered	...	5
30	Animals improperly kept removed	...	1
31	Samples of water taken for Analysis	...	9
32	Compensation paid for destruction of infected bedding	...	Nil.
33	Seizures of unsound Meat, &c.		Nil.

(Signed) GEO. R. BAILEY,

*Inspector.*

# FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

## I.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR  
INSPECTORS OF NUISANCES.

Premises.	Number of		
	Inspec- tions.	Written Notices.	Prose- cutions.
Workshops (including Workshop Laundries) ... ..	298	1	
Workplaces ... ..	12		
Total ... ..	310	1	Nil.

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :</i>				
Want of Cleanliness ... ..	2	2		
Total ... ..	2	2	Nil.	Nil.

3.—HOME WORK.

NATURE OF WORK.	OUTWORKERS' LIST.						Inspection of Out- workers' Premises.	OUTWORK IN INFECTED PREMISES.	
	Lists received from Employers sending twice in the year.				Addresses of Outworkers.			Instances.	
	Lists.	Outworkers.		Received from other Councils.	For- warded to other Councils.				
		Con- tractors	Work- men.						
Wearing Apparel— Making, &c. ...	14	...	26	4	Nil.	22	1	Occupier carried out my requirements.	
Total ...	14	...	26	4	Nil.	22	1		

## 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 113) at the end of the year.	Number.
Workshops and Workplaces ... ..	97
Workshop Bakehouses ... ..	18
Total number of Workshops on Register ...	115

## 5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspector of Factories—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ... ..	2