

**[Report of the Medical Officer of Health for East Ham].**

**Contributors**

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EAST HAM URBAN DISTRICT COUNCIL.

ANNUAL REPORT, 1897.

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PUBLIC HEALTH DEPARTMENT.

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

For the Year ending 31st December, 1897.

THE UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

# ANNUAL REPORT

FOR THE YEAR ENDING DECEMBER 31, 1907

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EAST HAM URBAN DISTRICT COUNCIL.

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Medical Officer of Health's  
ANNUAL REPORT, 1897.

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PUBLIC OFFICES,

EAST HAM,

February, 1898.

*To the Chairman and Members of the East Ham Urban  
District Council.*

GENTLEMEN,

I have the honour to submit my Eighth Annual Report relating to the Health and General Sanitary conditions of this District, for the year 1897.

GENERAL SANITARY CONDITION OF THE DISTRICT.

(a) The estimated population in March, 1897, was 60,000, this number being arrived at by counting the number of occupied houses, although we have made a recent count (January, 1898), from which we find there are no less than 12,387 houses in the District: 11,508 of these are occupied, 139 empty, and 740 in course of construction.

The number of occupied houses and estimated population for the four Wards are as follows :

	Occupied houses.	Empty houses.	Houses in course of construction	Estimated population.
Manor Park Ward	1,983	28	179	11,798
Plashet        ,,	5,297	80	354	31,517
Central         ,,	3,285	26	207	19,545
Beckton and North Woolwich Ward }	943	5	—	5,610
Totals	11,508	139	740	68,470

It seems to have been a remarkable year for building operations, for some 1,386 new houses have been constructed in the District. It will be seen that the population has increased since March, 1897, from 60,000 to the present estimated number of 68,470 : this is an increase for the year of over 10,000. The population at the last Census (1891), was 32,710. These figures speak for themselves, and it is scarcely necessary for me to further comment on the phenomenal growth of the District.

(b.) The area of the District is 3,266 acres, and there are about 20·8 persons per acre, and 5·9 persons per inhabited house.

(c.) The subsoil is sand and gravel, overlying the London clay, much of the District being marshy.

(d.) The water supply is from the East London Water Works Company, and is obtained mostly from deep wells ; it is generally ample and of good quality, and the amount used is about twenty gallons per head per day,

On the 15th October, I took samples from No. 13, Bonny Downs Road (at which house there had been several cases of

Typhoid Fever), and submitted them to Thomas A. Pooley, Esq., B.Sc., &c., Public Analyst for the County of Essex, whose Analysis was as follows:—

General appearance .. .. .	}	Fairly bright, a small quantity of reddish brown sediment deposited.
Colour in 2 ft. tube .. .. .		
Total solids dried at 230° F .. .. .		Slight greenish tinge.
Loss on ignition of same .. .. .		21 grains per gallon.
Chlorine .. .. .		3.5 ..
Equal to Chloride of Sodium .. .. .		1.66 ..
Nitrogen as Nitrates .. .. .		2.73 ..
Equal to Nitric Acid .. .. .		0.103 ..
Saline Ammonia .. .. .		0.463 ..
Albuminoid Ammonia .. .. .		0.0014 ..
Oxygen absorbed from Permanganite } acting for 15 minutes		0.0066 ..
Ditto, 4 hours .. .. .		0.0140 ..
Hardness before boiling .. .. .		0.0355 ..
Hardness after boiling .. .. .		17½ ..
Microscopical examination .. .. .	}	Sediment mainly composed of mineral matters with a few fibres and some vegetable debris.

#### OBSERVATIONS.

The analysis shows that this water has a composition indential with that of the public supply of the District in which it was taken. I detected no unusual amount of organic impurities, and I am of opinion it is of fair quality for dietetic purposes.

(Signed),

THOMAS A. POOLEY, B.Sc., F.C.S., F.I.C.

(e.) The system of sewerage is by water carriage, where the sewage is chemically treated and precipitated in tanks, the effluent passing through filters and thence into Barking Creek, the sludge being put on the land, where there is ample space.

(f.) The principal industries are the Beckton Gas Works and the products in connection therewith, there are also a large number of men in the South of the District who work at the Royal Albert Docks; the Building Trades employ a great number, and the Urban District Council about 200; while the greater part of the workmen travel to London, as will be seen by the overcrowded condition of the trains both night and morning. The inhabitants appear healthy, and do not suffer from any special disease.

(g.) The Thames forms the Southern Boundary, and the Roding the Eastern Boundary of the District, both of course being tidal.

(h.) No fresh Bye-Laws have been adopted during the year.

(i.) In every new road the main sewer is laid, and the houses connected with it.

(j.) Several cases of Overcrowding have occurred, and have been dealt with satisfactorily.

(k.) Great attention has been given both by the Inspector and myself to the Bakehouses and Slaughterhouses, and they are mostly in a satisfactory condition.

(l.) Systematic Inspections of premises, &c., have been carried out, both by the Inspector and myself, for the abatement of Nuisances, and in the majority of cases Notices were sufficient, in others Legal Proceedings were taken.

During the year 1897, the number of deaths registered for the District was 822, excluding 22 who died in the West Ham Union and 3 in the Plaistow Isolation Hospital, and, calculated on a population of 60,000, will give a Death-rate of 13·7 per 1000 for the year.



The number of births registered for the same period was 2,209, viz.: 1,150 males, and 1,059 females: this gives a Birth Rate of 36·7 per 1,000.

The following table will show some of the different rates of mortality in East Ham for each of the past three years, with those of England for 1897:—

	1895.	East Ham 1896.	1897.	England, 1897.
Death-rate per 1,000 living ..	15·5	13·2	13·7	17·4
Zymotic Death-rate per 1,000 living	2·2	2·4	2·6	2·15

#### DEATHS OF INFANTS.

40·7 per cent. of the total number of deaths from all diseases were those of children under one year of age, for out of a total of 2,209 born, 335 died before reaching the age of one year.

The following table will record the ages at which the deaths occurred throughout the whole District.

	1896.	1897.	
Deaths under 1 year of age .. ..	299	335	} 464 under 5 years.
„ over 1 „ and under 5 years	116	129	
„ „ 5 years „ 15 „	46	49	} 358 over 5 years.
„ „ 15 „ „ 25 „	25	29	
„ „ 25 „ „ 65 „	147	190	
„ „ 65 „	74	90	
	<hr/> 707	<hr/> 822	

#### ZYMOTIC DEATH-RATE.

One hundred and fifty-nine deaths were recorded from the seven principal Zymotic Diseases, and estimated on a population of 60,000, gives a Zymotic Death-Rate of 2·6 per 1,000 per annum for the year 1897, as compared with 2·4 per 1,000 per annum for 1896. They were as follows:—

## ZYMOTIC DEATH-RATE.—(continued).

	Totals.		Totals.	
	1896.		1897.	
SCARLET FEVER .. ..	4—9	under 5 years	4—9	4—9
		over 5 "		5—9
DIPHTHERIA (including Croup)	15—27	under 5 "	23—31	23—31
		over 5 "		8—31
TYPHOID FEVER .. ..	1—8	under 5 "	1—8	1—8
		over 5 "		7—8
MEASLES .. ..	25—28	under 5 "	20—26	20—26
		over 5 "		6—26
DIARRHŒA .. ..	35—37	under 5 "	65—71	65—71
		over 5 "		6—71
WHOOPING COUGH .. ..	23	under 5 "	14—14	14—14
SMALL POX .. ..	nil	—	nil	nil
Total from the 7 principal Zymotic Diseases .. ..	132		159	159

The following figures show the increase, or otherwise, of deaths from Zymotic Diseases :—

	1895	1896	1897
SCARLET FEVER .. ..	8	9	9
DIPHTHERIA (including Croup)	48	27	31
TYPHOID FEVER .. ..	7	8	8
SMALL POX .. ..	nil	nil	nil
MEASLES .. ..	5	28	26
DIARRHŒA .. ..	44	37	71
WHOOPING COUGH .. ..	1	23	14
Totals .. ..	113	132	159

Under the Infectious Diseases (Notification) Act, there were 729 cases reported :—

	Totals.	
SCARLET FEVER .. ..	over 5 years	290
" .. ..	under 5 "	144—434
DIPHTHERIA .. ..	over 5 "	106
" .. ..	under 5 "	66—172
TYPHOID FEVER .. ..	over 5 "	45
" .. ..	under 5 "	5—50
ERYSIPELAS .. ..	over 5 "	52
" .. ..	under 5 "	10—62
PUERPERAL FEVER .. ..		8
CROUP .. ..	over 5 "	1
" .. ..	under 5 "	2—3
Total .. ..		729

The total number of cases notified for each Ward were as follows :—

Manor Park Ward .. .. .	131
Plashet Ward .. .. .	306
Central Ward .. .. .	256
Beckton and North Woolwich Ward ..	36
<b>Total .. .. .</b>	<b>729</b>

Table showing comparison of the number of Infectious Diseases notified for three years—1895, 1896, and 1897 :—

	1895.	1896.	1897.
January .. .. .	35	58	41
February .. .. .	14	43	38
March .. .. .	14	44	46
April .. .. .	20	36	24
May .. .. .	20	27	45
June .. .. .	43	55	60
July .. .. .	81	38	55
August .. .. .	45	46	59
September .. .. .	77	37	70
October .. .. .	84	47	121
November .. .. .	94	54	98
December .. .. .	43	57	72
<b>Totals .. .. .</b>	<b>570</b>	<b>542</b>	<b>729</b>

TABLE shewing the comparison of each Infectious Disease for two years, 1896-97.

	Scarlet Fever.		Diphtheria.		Typhoid Fever.		Erysipelas.		Puerperal Fever.		Croop.		Small Pox.		Totals.	
	1896	1897	1896	1897	1896	1897	1896	1897	1896	1897	1896	1897	1896	1897	1896	1897
January ..	31	16	14	12	4	7	3	6	1	..	..	..	5	..	58	41
February ..	25	21	10	14	6	2	2	1	..	..	..	..	..	..	43	38
March ...	14	24	22	9	3	6	4	6	..	1	1	..	..	..	44	46
April ..	11	15	18	3	2	1	5	3	..	1	..	1	..	..	36	24
May ..	16	26	8	9	1	4	1	5	..	1	1	..	..	..	27	45
June ..	34	38	14	11	4	4	1	7	1	..	1	..	..	..	55	60
July ..	23	32	8	15	2	1	4	4	1	2	..	1	..	..	38	55
August ..	28	28	8	25	5	2	4	4	1	..	..	..	..	..	46	59
September ..	17	41	12	19	5	6	2	4	1	..	..	..	..	..	37	70
October ..	21	90	12	17	10	9	2	5	2	..	..	..	..	..	47	121
November ..	20	60	24	17	9	4	..	14	1	2	..	1	..	..	54	98
December ..	27	43	22	21	5	4	1	3	1	1	1	..	..	..	57	72
<b>TOTALS ...</b>	<b>267</b>	<b>434</b>	<b>172</b>	<b>172</b>	<b>56</b>	<b>50</b>	<b>29</b>	<b>62</b>	<b>9</b>	<b>8</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>..</b>	<b>542</b>	<b>729</b>

The Notification Rate for the whole District for 1897 was 12·15 per 1,000.

Manor Park Ward .. .. .	11·9	per 1,000
Plashet Ward .. .. .	11·3	„ „
Central Ward .. .. .	16	„ „
Beckton & North Woolwich Ward	6	„ „
Zymotic Death Rate .. .. .	2·6	„ „ per annum.
Houses fumigated .. .. .	546	

### SCARLATINA.

It will be observed by the following table that the total number of cases notified during the year 1897 were 434, as compared with 267 for the previous year. This shows an increase of 167 cases.

	Manor Park Ward.		Plashet Ward.		Central Ward.		Beckton & North Woolw'h Ward.		Totals.	
	1896	1897	1896	1897	1896	1897	1896	1897	1896	1897
January .. .. .	5	3	15	6	11	4	..	3	31	16
February .. .. .	4	3	9	11	9	6	3	1	25	21
March .. .. .	..	2	2	7	11	9	1	6	14	24
April .. .. .	1	3	3	7	4	3	3	2	11	15
May .. .. .	2	1	8	15	4	10	2	..	16	26
June .. .. .	6	6	14	13	11	19	3	..	34	38
July .. .. .	7	1	9	11	2	20	5	..	23	32
August .. .. .	12	1	12	6	4	21	..	..	28	28
September .. .. .	3	5	10	11	2	23	2	2	17	41
October .. .. .	5	50	12	19	2	20	2	1	21	90
November .. .. .	2	19	6	16	6	24	6	1	20	60
December .. .. .	6	13	13	19	3	11	5	..	27	43
<b>TOTAL ..</b>	<b>53</b>	<b>107</b>	<b>113</b>	<b>141</b>	<b>69</b>	<b>170</b>	<b>32</b>	<b>16</b>	<b>267</b>	<b>434</b>

This increase occurs chiefly in the Manor Park and Central Wards. In the Beckton and North Woolwich Ward the decrease is very remarkable, and it will be noticed that during the summer months of May, June, July, and August no cases were reported.

The number of deaths occurring in the District for 1897 was nine, exactly the same as for the previous year.

The character of the disease has been of a very mild form as will be seen by the small percentage of deaths.

The number of cases occurring in the Manor Park Ward from January to September was 25, the highest in any of those months being six, in June. In September the number of cases was five, but in October it rose to 50. On the 22nd October I wrote to the Clerk to the East Ham School Board informing him that since the 1st October 23 cases had occurred at houses from which children had been attending Manor Park Board School, and informing him that it was my intention to visit the school and invited him to be present. I visited the school on the 25th, and examined all the children in attendance, and found 14 who, in my opinion, were suffering from Scarlet Fever desquamation.

I subsequently informed the Clerk to the Board of the result of my investigation, advising the immediate closing of the school for a period of 14 days, during which time the school could be disinfected. My advice was acted upon by the Board, and the school closed. I personally supervised the disinfecting of the school, which was first fumigated with Sulphur di-Oxide, followed by all the woodwork, &c., being washed with Perchloride of Mercury, and finally scrubbed with Creosote.

The school was re-opened on the 10th November. From the 1st October till the closing of the school on the 27th, 40 cases occurred at houses from which children had been attending this school. I find that since the re-opening on 10th November till 31st December only 12 cases were reported. I am more than convinced that the closing and disinfecting of the school was the best method of arresting the epidemic.

In pursuance with the General Order of the Local Government Board, Sections 15 and 16, I forwarded them and the Medical Officer of Health of the Essex County Council the following reports :—

PUBLIC OFFICES,

EAST HAM, E.,

16th November, 1897.

SIR,—I beg to inform you that owing to an outbreak of Scarlet Fever at Manor Park, within the Urban District of East Ham, I deemed it advisable to suggest the closing of the Manor Park Board School for 14 days.

The suggestion was acted upon by the School Board authorities, and the school accordingly closed. The reason for my advising this action was the sudden increase in the number of cases.

I attach statement of cases attending this school for the current year, from which you will observe the sudden rise during October.

I visited the school on the 25th October, and discovered 14 children in school desquamating from Scarlet Fever. I accordingly suggested the closing of the schools to permit of their disinfection, which has been done under my personal supervision.

I am, Sir,

Yours obediently,

A. W. BEAUMONT,

*Medical Officer of Health.*

*Scarlatina.*

Infectious cases which occurred among the scholars of Manor Park Board School, 1897.

January	..	..	..	..	2
February	..	..	..	..	1
March	..	..	..	..	nil
April	..	..	..	..	nil
May ..	..	..	..	..	1
June..	..	..	..	..	2
July ..	..	..	..	..	5
August	..	..	..	..	nil
September	..	..	..	..	7
October to 27th inclusive	..	..	..	..	40

To the Secretary

Local Government Board.

On the 4th November I was informed by the Head Teacher (Infants' Department) of the High Street School that two children had been suspected by their teacher to be desquamating from Scarlet Fever, and had been taken to a doctor, who confirmed the teacher's suspicions and notified one of the cases. On receiving this information I personally called on the Clerk to the East Ham School Board, but did not succeed in seeing him, but I left the information that it was my intention to visit the High Street Schools that day for the purpose of detecting any children who, in my opinion, were in an infectious condition. I visited the schools accordingly, and sent several children home, where I subsequently visited and examined them, and found two suffering from Scarlet Fever desquamation.

The school was closed for half a day on the Friday afternoon, when our Sanitary Staff commenced the work of disinfecting, which was done with Formic Aldehyde sprayed through a Defries Equifex Sprayer, a method in which I have every confidence. The work was finished, and the school opened on Monday morning.

In compliance with the instructions given at the Council Meeting, held 2nd November, to visit the whole of the schools

in the District, with a view of ascertaining if any infected children were in attendance, I officially informed the Clerk to the School Board of my intention, suggesting dates and schools when such visits should be made.

I regret having to report that the School Board deemed it necessary to raise objections and impede me in the work of detecting infected children whilst attending school. I received a letter from the Clerk to the School Board enclosing a resolution passed at a specially-convened Meeting of the School Management Committee, informing me "That the Board had issued instructions to their Head Teachers not to permit the personal examination of any scholars to take place in the schools or on any part of the premises adjoining the schools, pending a reply from the Local Government Board, to whom they had appealed for information relating to the powers of the Medical Officer of Health to the Urban District Council to carry out this work."

In pursuance with the Council's instructions I visited the Shaftesbury Road and Shrewsbury Road Schools on 10th November, and Plashet Lane School on the 11th November, and made a personal application to the Head Teachers to suspend lessons and assist me in the work of examining the children. To this application they declined.

I reported the circumstances to the Council, who instructed the Clerk to send full particulars to the Local Government Board, applying for their ruling.

On 24th December the East Ham School Board received a communication from the Local Government Board, the substance of which was, that as the Local Government Board were advised, a Medical Officer of Health had no right, either with or without an order from a Sanitary Authority, to insist,

in virtue of his office on admission to a school without permission from its managers, but in similar instances that had come under the Local Government Board's notice, managers of schools had, as a rule, been found quite willing to avail themselves of the help and advice of a Medical Officer of Health to prevent the spread of infectious disease among children, and also that it was to the interest of the East Ham School Board that all children who were in an infectious state should be so recognised and excluded from school—as otherwise the spread of disease among the scholars might cause a larger diminution of attendance, and might also render the closing of the schools necessary.

It will be gathered from this communication that while the School Board are under no legal obligation to permit me carrying into effect your instructions it is to their interest, the children's good, and the District's welfare, that we should work amicably together in this important undertaking of detecting, preventing and stamping out Infectious Disease.

#### DIARRHŒA.

Seventy-one deaths were attributed to Diarrhœa, 65 of these cases were under the age of five years and six over.

It will be also interesting to state that out of this 65 there were 55 under the age of one year, and all of these infants died during July, August, and September. It appears to me that the higher the temperature and the longer it lasts, the greater the mortality amongst infants from this complaint.

I still consider that the milk supply should be thoroughly investigated, especially during the summer months, as this is the main food of these infants.

In this group I have given only those cases of simple Diarrhœa.

## DIPHTHERIA.

	Manor Park Ward		Plashet Ward.		Central Ward.		Beckton & North Woolw'h Ward.		Totals.	
	1896	1897	1896	1897	1896	1897	1896	1897	1896	1897
January .. ..	7	..	3	10	2	1	2	1	14	12
February .. ..	1	1	2	8	6	3	1	2	10	14
March .. ..	3	..	11	6	8	2	..	1	22	9
April .. ..	3	..	4	2	6	1	5	..	18	3
May .. ..	..	1	6	4	2	4	..	..	8	9
June .. ..	1	..	2	3	10	8	1	..	14	11
July .. ..	..	4	2	3	6	5	..	3	8	15
August .. ..	1	1	3	19	3	5	1	..	8	25
September .. ..	3	8	3	10	5	..	1	1	12	19
October .. ..	1	1	6	12	4	4	1	..	12	17
November .. ..	1	3	10	13	4	1	9	..	24	17
December .. ..	..	..	22	12	..	6	..	3	22	21
TOTALS ..	21	19	74	102	56	40	21	11	172	172

There were 175 cases of Diphtheria (including three cases of Croup) recorded in 1897, resulting in 31 deaths. Twenty-three of these deaths were under five years of age and eight over five years, as against 176 recorded for the year 1896, which resulted in 28 deaths.

It always occurs in its greatest severity among children during the first five years of life. In a great many instances, when one case occurs in a family, several, and often all, the members in the household are attacked respectively. I still consider that milk, water and food, in many cases, have not been wrongly suspected as the cause of contagion, although in some instances defective drainage has been contributory to the spread of Diphtheria.

An arrangement was made in September with the West Ham Corporation to admit cases of Diphtheria into the

Plaistow Infectious Diseases Hospital, and since that date to 31st December, 17 cases have been sent in which resulted in three deaths.

See pages 19, 20, and 21 for addresses.

### TYPHOID FEVER.

	Manor Park Ward.		Plasbet Ward.		Central Ward.		Beckton & North Woolw'h Ward.		Total.	
	1896	1897	1896	1897	1896	1897	1896	1897	1896	1897
January .. .. .	2	1	1	3	1	2	..	1	4	7
February .. .. .	1	..	2	1	3	1	..	..	6	2
March .. .. .	..	..	2	1	1	2	..	3	3	6
April .. .. .	1	..	..	1	1	..	..	..	2	1
May .. .. .	..	..	..	2	1	2	..	..	1	4
June .. .. .	..	..	2	2	1	2	1	..	4	4
July .. .. .	..	..	2	..	..	1	..	..	2	1
August .. .. .	2	..	..	2	3	..	..	..	5	2
September .. .. .	2	1	2	3	1	1	..	1	5	6
October .. .. .	1	..	4	3	5	6	..	..	10	9
November .. .. .	..	..	1	3	5	1	3	..	9	4
December .. .. .	1	1	1	3	3	..	..	..	5	4
TOTALS ..	10	3	17	24	25	18	4	5	56	50

There were 50 cases of Typhoid Fever reported, which resulted in eight fatal cases, as against 56 reported cases and eight deaths for 1896.

In every case the residence of the patient was examined as to the sanitary condition of the external drainage, as also the drains inside the house, including the water supply used for domestic purposes, in addition to that used for flushing the w.c., and also food supply as far as possible.

The majority of the cases were of a mild type, hence the small number of deaths (8) in proportion to the number of cases (50).

The following particulars will show the condition of premises, drains, etc., at the time of the visits of the Inspector of Nuisances :—

12th January.—Cyprus Place ; aged 15 years ; shed in front of back room window impeding light and ventilation ; drain tested—no defects. Died 15th January.

25th January.—Clarence Road ; aged 51 years ; improper gully ; drain tested—no defects. Died 31st January.

22nd May.—Katherine Road ; aged 4½ years ; drain tested—no defects ; premises in good condition. Died 24th May.

22nd May.—Bendish Road ; aged 28 years ; drain tested—no defects ; premises in good condition. Died 29th May.

18th June.—Prestbury Road ; aged 43 years ; defective drain ; defective flushing apparatus ; no cover to drinking-water cistern. Died 17th June.

6th September.—Park Terrace, North Woolwich ; aged 6 years ; premises in fair condition. Died 6th September.

29th September.—Elizabeth Road ; aged 24 years ; drain tested—no defects ; premises in fair condition. Died 26th October.

4th December.—St. Stephen's Road ; aged 33 years ; rain-water pipe directly connected to drain, front and back guttering defective, drain tested—no defects. Died 16th December.

#### DIPHTHERIA (INCLUDING CROUP).

The following particulars will show the condition of premises, drains, etc., at the time of the visits of the Inspector of Nuisances :—

24th December, 1896.—Halley Road; aged 3 years; drain tested—no defects, no cover to drinking-water cistern, yard paving defective, no dust bin. Died 1st January, 1897.

18th January.—Beaconsfield Street; premises in fair condition. Died 18th January.

9th February.—Sherrard Road; aged 8 years; w.c. flushed direct from drinking-water cistern, no cover to drinking-water cistern; back room, ground floor, walls, and ceiling dirty; yard not paved; drain tested—no defects. Died 9th February.

10th February.—Cleves Road; aged 3 years; drain tested—no defects; premises in good condition. Died 12th February.

22nd February.—Red Post Lane; aged 5 years; defective drain; no cover to drinking-water cistern; back room, first floor, walls and ceiling dirty. Died 28th February.

26th March.—Claremont Street; aged 18 years; yard not properly paved, no dust bin, roof defective, walls damp. Died 24th March.

26th March.—27, Dorset Road (Croup); drain tested—no defects; premises in good condition. Died 28th March.

6th April.—Outram Road (Croup); aged 1 year; drain tested—no defects; no cover to drinking-water cistern. Died 6th April.

4th May.—Stamford Road; aged 3½ years; w.c. choked; no proper dust bin. Died 19th May.

3rd June.—Heigham Road (two deaths); aged 4 years and 2 years; drain tested—no defects; vent pipe joints slightly defective. Died 3rd and 6th June respectively.

19th July.—Heigham Road; aged 3 years; drain tested—no defects; premises in good condition. Died 19th July,

19th July.—Fabian Street; aged 5 years; drain tested—no defects; premises in fair condition. Died 25th July.

31st July.—Friars Road (Croup); aged 4 years; drain tested—no defects; premises in good condition. Died 31st July.

6th August.—Shaftesbury Road; aged 4 years; drain tested—trap defective; water wasting; no dust bin. Died 19th September.

9th August.—Friars Road; aged 5 years; drain tested—no defects; premises in good condition. Died 24th August.

11th August.—Cleves Road; aged  $2\frac{1}{2}$  years; drain tested—no defects; premises in good condition. Died 11th August.

24th August.—Castle Street; aged  $6\frac{1}{2}$  years; drain tested—no defects; premises in good condition. Died 5th September.

25th August.—Woodstock Road; aged 5 years; drain tested—no defects; premises in good condition. Died 4th September.

26th August.—Castle Street; aged  $3\frac{1}{2}$  years; drain tested—no defects; premises in good condition. Died 28th August.

7th September.—Claremont Road; aged 3 years; ground floor w.c., defective connection between trap and drain; first floor w.c., defective connection between trap and soil pipe; soil pan defective form; defective joints to drain vent pipe—upper parts too small, with acute angles; stack-pipe directly connected to drain, and defective; yard gulley too large, with defective connection to drain. Died 7th September.

20th September.—Greenhill Grove; aged 8 years; drain tested—no defects, vent pipe joints defective. Died 24th September.

16th October.—Greenhill Grove; aged 5 years; back and front rooms, first floor, walls and ceilings dirty; defective joint to soil pan. Died 15th October.

16th October.—Greenhill Grove; aged 4 years; back and front rooms, first floor, walls and ceilings dirty, defective joint to soil pan. Died 15th November.

21st October.—Strone Road; aged 4 years; drain tested—no defects; premises in good condition. Died 30th October.

27th November.—Whitta Road; aged 2 years; drain tested—no defects; premises in fair condition. Died 28th November.

3rd December.—Grosvenor Road; aged 10 years; drain tested—no defects; premises in good condition. Died 11th December.

20th December.—Park Road; aged 8 years; defective w.c. connection, no dust bin. Died 31st December.

29th December.—Claremont Street (2 deaths); aged 2 years and 11 months; drain tested—no defects; premises in fair condition. Died 28th December.

#### MEASLES.

Twenty-six deaths were registered from Measles, as against 28 for the year 1896, shewing a decrease in the number of deaths of two.

There was a great prevalence of the disease during the last three months of the year; and, in consequence, I visited the schools in the affected districts, and concluded from information obtained that the best means to arrest the epidemic was to close the Infants' Schools (including Sunday Schools) for a season.

The following is a special report made to the Local Government Board and Essex County Council :

PUBLIC OFFICES,  
EAST HAM,  
24TH JANUARY, 1898.

SIR,—I beg to inform you that, in consequence of the great prevalence of Measles in the District, I have deemed it advisable to close the Infants' Departments of the High Street, New Beckton, and Stamford Road Schools.

The epidemic made its first appearance in the Beckton Ward. I visited the New Beckton School on the 29th November, 1897, and found that, in the Infants' Department, the percentage of attendance had fallen from 85·0 to 48·0. The head teacher prepared a statement, from which I learned that 71 children were away suffering from Measles. The number of infants on the books was 220 ; the number in school at the time of visit, 61. I suggested the closing of the New Beckton School (infants' department) for twenty-one days. The School Board complied with my suggestion.

On the same day I visited the Stamford Road (temporary school), and found 168 scholars on the books, and 87 in school. The percentage of attendance had fallen off from 78·5 to 51·0. The head teacher prepared me a list of 24 scholars reported to be suffering from Measles, and, on the 30th November, sent me a further list of sixteen more scholars so suffering, bringing the number up to forty. I suggested the immediate closing of the school for twenty-one days, and this suggestion was acted upon by the School Board.

The closing of the schools at Beckton had the desired effect, and the epidemic abated in that District.

From information received, I discovered great prevalence of the disease in the Bonney Downs district, and in the vicinity

of the High Street School, which, at the time, was closed for the Christmas holidays. I suggested that the school should be kept closed for fourteen days from the 7th January. This suggestion was acted upon by the School Board.

The epidemic has been of the mild type, and, during the month of December, eight deaths occurred.

Yours obediently,

A. W. BEAUMONT

*Medical Officer of Health.*

#### INFLUENZA

Still continues amongst us.

#### SMALL POX.

No cases of Small Pox were notified during 1897.

#### PUERPERAL FEVER.

Eight cases of Puerperal Fever were reported, resulting in four deaths, as against nine cases of last year, and no deaths.

The houses and drains were inspected, and every precaution taken, by isolation and disinfection, to prevent recurring cases.

Directions are given to the nurse not to attend any lying-in cases for a period of three months.

#### OFFENSIVE SMELLS.

Several complaints of this description came before us, for which Notices were served, and the nuisance abated; and there have also been complaints referring to the smells arising from surface ventilators, so that I would advise that more upcast ventilating shafts should be erected.

#### BUILDINGS.

A large amount of building is still going on (about 1,000 houses per year), as will be shewn by the increase of population.

New roads are constantly being made, and a long time elapses before the road is taken over.

The new roads are soon used for traffic before being taken over by the Council, and quickly get into a bad, insanitary state, by the water, rubbish, &c., remaining on the surface; and, I believe, this accounts for a great many cases of Diphtheria, for many of our first cases are reported from houses in these new roads.

#### BAKEHOUSES.

Together with Mr. Banks, the Chief Inspector, I visited the Bakehouses in the District, and, so far as known, we have now 32 Bakehouses, 17 on ground floor, and 15 underground. Three new Bakehouses have been opened during the year.

In inspecting the Bakehouses throughout the District, I cannot say that the general condition is as perfect as might be expected.

Empty sacks, boxes, &c., find their way into the Bakehouse, which, in many instances, becomes a lumber store: Air space and ventilation, to the Baker, are his very last thoughts, while fresh air is regarded as his enemy, because, he says, that it prevents his bread from rising. In many of our Bakehouses, although means for ventilation is provided, it is totally disregarded.

#### ISOLATION HOSPITAL.

Our Isolation Hospital is of corrugated iron, and contains three wards, with thirty beds.

Increased accommodation for the staff has been provided during the year.

142 cases of Scarlatina were taken and treated in this Hospital during the year, and four deaths occurred.

SANITARY DEPARTMENT.

Our Sanitary Staff consists of a Medical Officer of Health, Chief Inspector, and two Assistant Inspectors of Nuisances, Sanitary Clerk, Dust Inspector and Disinfecting Man.

The routine work of the Department is carried on in a very efficient and methodical manner, and a great deal of work has been done during the year.

SUMMARY OF STATISTICS.

Birth-rate	...	...	36·7 per 1,000.
Death-rate	...	...	13·7     ,,
Zymotic Death-rate	...	...	2·6     ,,

(Signed),

A. W. BEAUMONT,

*Medical Officer of Health*



## Inspector of Nuisances Annual Report.

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I have the honour of submitting to you my Third Annual Report of the work done in this District during the year ending 31st December, 1897.

### INSPECTION OF THE DISTRICT AND REMOVAL OF NUISANCES.

With a view of ascertaining what nuisances exist calling for abatement, 2,349 Primary Inspections have been made; this is an increase of 381 on the number of Inspections made in 1896.

Of the 2,349 Inspections :

401	were made in the Manor Park Ward,
765	„ „ Plashet „
921	„ „ Central „
262	„ „ Beckton and North Woolwich Ward.

Details and particulars of the above Inspections are entered in the Inspector's Journal kept for that purpose.

At 73 per cent. of the houses inspected, various works of sanitary amendment were required to be executed to put the premises in a sanitary condition.

In a large number of cases the required works were executed by the respective persons liable, on the service of the usual written Preliminary Notice which in all cases precedes the service of the Statutory Notice, but in four cases it was found necessary to resort to Legal Proceedings. In one case the work was done on the service of the Summons, in the other three cases the Magistrates made Orders for the necessary work to be done for the abatement of the nuisance, and in one instance a fine of Forty Shillings and Costs was inflicted for non-compliance with the Notice and a re-curring penalty of Ten Shillings per day after the expiration of the Order.

The above Inspections have necessitated the service of 896 Preliminary Notices and 112 Statutory Notices, besides a large number of courtesy letters intimating the institution of legal proceedings in default of the work being done.

#### DAIRIES AND COWSHEDS.

There are 10 licensed Cowsheds and 71 Dairies in the District, and during the year 103 Inspections have been made. Particulars and results of such Inspections have been entered in the Register kept for that purpose. The general condition of the Dairies is satisfactory, but the Cowsheds require frequent attention.

#### SLAUGHTER HOUSES.

There are 15 Slaughter Houses in the District, which have been periodically inspected, and to carry into effect the Council's Bye-Laws they require my constant attention.

During the year, two applications have been made for Licenses for Slaughtering. The Public Health Committee, after careful consideration and visiting the premises, recommended the Council to decline to grant the applications.

#### FACTORIES AND WORKSHOPS.

By the provision of the various Factory and Workshop Acts, it is the duty of the Sanitary Authority to see that in all Workshops (including Laundries) there is no overcrowding, an efficient means of ventilation, a sufficient water supply and sanitary appliances, a sufficient means of escape in the event of fire, and that the Workshops generally are cleansed and kept in a sanitary condition. Much time has been given to this work.

#### INFECTIOUS DISEASES.

Seven hundred and twenty-nine Notifications of Infectious Diseases have been received during the year, and particulars entered in the Infectious Disease Journal kept for that

purpose. Each house has been visited immediately on the receipt of the Notification ; a printed form of precautions has been handed to the householder, and directions given as to isolation, &c. ; and disinfectants have been supplied gratis. The premises have been inspected and drains tested in all cases, and where defects have been proved to exist, a Notice has been served, and the work carried out under the supervision of the Department. One hundred and eighty-six infectious cases have been safely conveyed to Hospital during the year. The Head Teachers of the Day Schools and the Superintendents of the Sunday Schools are advised of all cases of Infectious Disease occurring at the houses in which scholars reside who are attending their respective schools ; they are further informed when the house is free from infection and the children can resume school with safety.

#### REMOVAL OF DUST AND HOUSE REFUSE.

The weekly pail system of collecting the Dust and House Refuse continues to give general satisfaction. We have at present ten carts and fifteen men collecting throughout the District.

The phenomenal growth of the District during the past year greatly taxes the weekly collection, but in the near future we hope to see the new Motor Dust Van successfully working, which I feel confident will facilitate the maintenance of the weekly collection.

It is with regret that I have to again mention that there are still a large number of Occupiers who refuse to place their dust out ready for the Dustmen to collect, necessitating the going through the house and picking up the dust, causing great loss of time and delay in the collection.

During the year, 196 houses have been supplied with portable Sanitary Dust Bins, either by the Owners or by the Council, who will recover from the Owners.

	Number of Loads removed from									
	Manor Park Ward.		Plashet Ward.		Central Ward.		Beckton & North Woolw'h Ward.		Total Lds. collected per Month	
	1896	1897	1896	1897	1896	1897	1896	1897	1896	1887
January .. ..	123	133	284	278	144	163	101	89	652	663
February .. ..	109	120	249	265	120	162	86	73	564	620
March .. ..	111	130	264	297	137	175	84	86	596	688
April .. ..	131	130	249	285	144	165	78	79	602	659
May .. ..	122	132	226	272	135	162	76	78	559	644
June .. ..	116	115	247	254	146	160	86	79	595	608
July .. ..	120	115	236	272	150	182	82	79	588	648
August .. ..	95	96	202	244	135	152	70	98	502	590
September .. ..	106	99	226	269	139	168	75	84	546	620
October .. ..	121	116	252	285	151	236	77	62	601	699
November .. ..	110	127	260	352	155	189	72	78	597	746
December .. ..	122	143	265	375	148	201	87	71	622	790
Total	1386	1456	2960	3448	1704	2115	974	956	7024	7975

	1896.	1897.
	Loads.	Loads.
Deposited at Little Ilford Shoot .. ..	3,534	3,753
„ „ the Sewerage Works .. ..	3,009	3,590
„ „ Beckton Road .. ..	481	—
„ „ Manor Way .. ..	—	632

#### TRADE REFUSE.

Much trouble has been experienced during the year with the shopkeepers depositing Trade Refuse upon the Highway, and a Caution Notice has been served on each of the offenders.

#### MARKET PLACES.

The Market places and stalls have been regularly inspected, and on nine occasions unsound food has been discovered on the premises, and in all cases, the Owner, in the presence of the Inspector, has destroyed the same. In no instance was the food exposed for sale at the time of the Inspector's visits in such a condition as to justify seizure.

I append tabulated particulars of work done in the District.

	Wards.				TOTALS.
	Manor Park.	Plasbet	Central	Beckton and North Woolwich	
Primary Inspections made .. ..	401	765	921	262	2349
Notifications of Infectious Diseases ..	131	306	256	36	729
House-to-House Inspections .. ..	6	34	134	77	251
Houses found in a sanitary condition	118	292	164	53	627
Walls and Ceilings requiring repairing	38	66	257	68	429
Yards insufficiently and not paved ..	34	53	165	51	303
Drains and Connections requiring amendment .. ..	17	63	64	3	147
Defective W.C. traps .. ..	3	23	24	2	52
Defective sink waste pipes .. ..	3	8	8	4	23
Rainwater pipes directly connected to drain .. ..	9	13	42	7	71
Defective flushing apparatus or no water to W.C. .. ..	20	32	60	17	129
W.C. flushed direct from drinking water cisterns .. ..	5	2	2	6	15
Broken soil pans .. ..	14	18	55	10	97
Defective rainwater pipes and eaves gutters .. ..	11	22	103	17	153
Roofs not water-tight .. ..	10	16	139	43	208
Water cut off (E.L.W.W.Co.) .. ..	27	30	10	1	68
Drinking water cisterns without covers	29	65	79	5	178
Dampness .. ..	9	16	73	11	109
Inundations .. ..	4	10	5	5	24
Offensive accumulations .. ..	37	54	27	13	131
No underfloor ventilation .. ..	6	14	90	10	120
Breaches of Council's Bye-laws .. ..	2	2	9	2	15
No dust bins .. ..	16	27	72	7	122
Overcrowding .. ..	..	2	3	1	6
Defective drain ventilating shafts ..	6	23	15	..	44
Dilapidated Floors .. ..	5	8	34	16	63
Animals improperly kept .. ..	6	4	10	2	22
Other Nuisances .. ..	109	162	255	59	585
Preliminary Notices served .. ..	..	..	..	..	896
Statutory Notices served .. ..	..	..	..	..	112
Summonses .. ..	..	..	..	..	4
Nuisances abated .. ..	403	659	1427	336	2825

TABLE showing the Localities in which certain Diseases  
of a Zymotic character occurred during the year 1897.

Locality.	Number of Houses	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Puerperal Fever.	Croup.
Albany Road .. ..	45	..	..	..	..	..	..
Ashley Road .. ..	24	1	1	..	..	..	..
Arragon Road .. ..	68	1	..	..	1	..	..
Abbotts Park Road .. ..	45	..	1	..	..	..	..
Arthur Street .. ..	11	..	..	..	..	..	..
Albert Road .. ..	115	..	1	1	..	..	..
Bessborough Road .. ..	9	..	..	..	..	..	..
Browning Road .. ..	26	..	..	..	..	..	..
Bristol Road .. ..	134	1	10	..	2	..	..
Bath Road .. ..	6	..	..	..	..	..	..
Balmoral Road .. ..	1	..	..	..	..	..	..
Byron Avenue .. ..	46	4	1	..	1	..	..
Berkeley Road .. ..	24	..	..	..	..	..	..
Boundary Road .. ..	31	..	..	..	..	..	..
Benson Avenue .. ..	70	2	..	..	1	..	..
Barking Road .. ..	156	6	3	..	..	..	..
Beleyn Road .. ..	88	4	1	..	..	..	..
Bendish Road .. ..	49	..	2	1	..	..	..
Burges Road .. ..	14	6	..	..	..	..	..
Bonny Downs Road .. ..	45	6	..	4	..	..	..
Beaconsfield Street .. ..	18	..	..	..	..	..	..
Carlton Road .. ..	48	3	..	..	1	..	..
Clarence Road .. ..	29	3	..	1	..	..	..
Cumberland Road .. ..	16	6	..	..	..	..	..
Capel Road .. ..	66	9	2	..	..	..	..
Carlyle Road .. ..	105	5	..	..	..	..	..
Colchester Avenue .. ..	10	..	..	..	..	..	..
Church Road .. ..	29	..	..	..	..	..	..
Crescent Road .. ..	47	..	..	..	..	..	..
Cowper Avenue .. ..	21	..	..	..	..	..	..
Cromwell Road .. ..	50	2	4	..	2	..	..
Colston Road .. ..	48	1	..	..	..	..	..
Clifton Road .. ..	22	..	..	..	..	..	..
Chester Road .. ..	63	3	..	..	..	..	..
Claremont Road .. ..	61	1	2	..	..	..	..
Coleridge Avenue .. ..	67	1	1	2	..	..	..
Compton Avenue .. ..	16	3	..	..	..	..	..
Castle Street .. ..	38	1	3	..	..	..	..
Cleves Road .. ..	87	7	3	..	..	..	..
Colvin Road .. ..	45	1	..	..	..	..	..
Clements Road .. ..	10	..	..	..	..	..	..
Caledon Road .. ..	40	..	..	1	1	..	..
Caulfield Road .. ..	12	1	..	..	..	..	..
Charlemont Road .. ..	8	2	..	..	..	..	..
Cyprus Place .. ..	41	1	..	2	..	..	..

Locality,	Number of Houses	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Puerperal Fever.	Croup.
Cameron Street .. ..	20	..	..	..	1	..	..
Church Street .. ..	6	..	..	..	..	..	..
Claremont Street .. ..	60	1	3	..	..	..	..
Creek Terrace .. ..	38	1	..	..	..	..	..
Durham Road .. ..	97	13	..	..	..	..	..
Dorset Road .. ..	61	3	4	..	..	..	..
Dickens Road .. ..	..	..	..	..	..	..	..
Eighth Avenue .. ..	24	..	..	..	..	..	..
East Road .. ..	14	..	..	..	..	..	..
Elizabeth Road .. ..	116	2	2	1	1	..	..
Edith Road .. ..	30	..	..	..	1	..	..
Essex Road .. ..	12	..	..	1	1	..	..
Eversleigh Road .. ..	67	1	1	..	..	..	..
Elizabeth Street .. ..	110	1	1	..	..	..	..
Forest Drive .. ..	28	5	..	..	..	..	..
Forest View .. ..	25	1	..	..	..	..	..
First Avenue .. ..	63	..	..	..	..	..	..
Fourth Avenue .. ..	21	1	..	..	..	..	..
Fifth Avenue .. ..	23	1	..	..	..	..	..
Fry Road .. ..	13	..	..	..	..	..	..
Finden Road .. ..	14	1	..	..	..	..	..
Florence Road .. ..	34	..	1	..	1	..	..
Friars Road .. ..	89	5	1	1	..	..	2
Fabian Street .. ..	20	4	1	..	..	..	..
Ferndale Street .. ..	10	..	..	2	..	..	..
Francis Street .. ..	22	..	..	..	..	..	..
Gordon Road .. ..	10	..	1	..	..	..	..
Gladding Road .. ..	9	4	..	..	..	..	..
Gloucester Road .. ..	49	..	..	..	..	..	..
Greenhill Grove .. ..	97	4	5	..	..	..	..
Green Street .. ..	75	1	..	..	1	..	..
Gipsey Lane .. ..	123	3	4	..	..	..	..
Goldsmith Avenue .. ..	53	1	..	1	..	..	..
Greenleaf Lane .. ..	4	..	..	..	..	..	..
Grosvenor Road .. ..	28	2	1	..	..	..	..
Glenister Street .. ..	34	2	..	..	..	..	..
Herbert Road .. ..	141	7	..	..	..	..	..
Harcourt Avenue .. ..	2	..	..	..	..	..	..
Halley Road .. ..	198	5	4	1	..	1	..
Henderson Road .. ..	63	1	2	..	..	..	..
Hilda Road .. ..	28	..	..	..	..	..	..
Hampton Road .. ..	29	1	..	..	..	..	..
High Street, North .. ..	111	3	..	..	..	..	..
Heigham Road .. ..	123	9	4	..	3	1	..

Locality.	Number of Houses	Scarlet Fever.	Diphtheria	Typhoid Fever.	Erysipelas.	Puerperal Fever.	Croup.
Harrow Road .. ..	40	..	..	..	..	..	..
Holme Road .. ..	33	5	..	..	..	..	..
Howard Road .. ..	5	..	..	..	..	..	..
Holloway Road .. ..	7	..	..	..	..	..	..
High Street, South .. ..	95	2	1	..	..	..	..
High Street, North Woolwich .. ..	49	..	..	..	..	..	..
Jephson Road .. ..	44	..	2	..	1	..	..
Jews' Farm Lane .. ..	19	..	..	..	1	..	..
Katherine Road .. ..	151	6	..	1	..	1	..
Kings Road .. ..	41	..	2	..	1	..	..
Kempton Road .. ..	..	..	..	..	..	..	..
Kelly Road .. ..	42	2	..	..	..	..	..
Little Ilford Lane .. ..	19	..	..	..	..	..	..
Lansdowne Road .. ..	68	..	1	..	..	..	..
Lancaster Road .. ..	50	..	..	1	..	..	..
Lawrence Road .. ..	64	5	3	..	..	..	..
Lathom Road .. ..	19	1	..	..	..	1	..
Lloyd Road .. ..	25	1	..	..	..	..	..
Langdon Road .. ..	3	..	..	..	..	..	..
Livingstone Street .. ..	19	..	..	..	..	..	..
Manor Park Road .. ..	54	2	..	..	..	..	..
Michigan Avenue .. ..	13	..	..	..	..	..	..
Morris Avenue .. ..	25	1	..	..	..	..	..
Meanley Road .. ..	69	4	1	..	..	..	..
Milton Avenue .. ..	159	4	3	..	2	1	..
Marlborough Road .. ..	41	3	..	..	..	..	..
Monega Road .. ..	202	6	5	..	1	..	..
Macaulay Road .. ..	..	..	..	..	..	..	..
Malvern Road .. ..	48	2	..	..	..	..	..
Myrtle Road .. ..	4	..	..	..	..	..	..
Melbourne Road .. ..	48	..	..	..	..	..	..
Market Street .. ..	36	1	..	..	..	..	..
Mountfield Road .. ..	78	1	..	1	1	..	..
Manor Way .. ..	31	..	..	..	1	..	..
Muir Street .. ..	18	..	..	..	..	..	..
Napier Road .. ..	59	5	..	..	..	..	..
Norman Road .. ..	8	1	..	..	..	..	..
Nelson Street .. ..	4	1	..	..	..	..	..
North Woolwich Road .. ..	1	..	..	..	..	..	..
Newland Street .. ..	6	..	..	..	..	..	..
Oregon Avenue .. ..	5	..	..	..	..	..	..
Osborne Road .. ..	39	..	..	..	..	..	..

Locality.	Number of Houses	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Puerperal Fever.	Croup.
Outram Road .. ..	68	5	2	..	1	..	1
Oakfield Road .. ..	75	10	..	..	3	..	..
Parkhurst Road .. ..	5	..	..	..	..	..	..
Park Road .. ..	51	1	4	..	..	..	..
Plashet Lane .. ..	138	3	1	..	2	..	..
Plashet Grove .. ..	175	4	1	..	..	..	..
Prestbury Road .. ..	73	1	1	1	..	..	..
Priory Road .. ..	44	5	..	..	..	..	..
Parr Road .. ..	36	3	..	..	..	..	..
Park Avenue .. ..	12	..	..	..	..	..	..
Plevna Street .. ..	10	..	..	..	..	..	..
Romford Road .. ..	364	11	2	1	1	..	..
Rabbits Road .. ..	7	..	..	..	..	..	..
Rothsay Road .. ..	52	4	2	..	..	..	..
Ratcliff Road .. ..	50	..	1	..	..	..	..
Red Post Lane .. ..	197	2	1	1	3	..	..
Rutland Road .. ..	62	..	2	1	..	..	..
Rosebery Avenue .. ..	40	1	..	..	..	..	..
Ruskin Avenue .. ..	51	2	..	1	..	..	..
Rixsen Road .. ..	31	2	..	..	..	..	..
Redcliffe Road .. ..	42	..	1	..	..	..	..
Ranelagh Road .. ..	38	1	1	..	1	..	..
Roman Road .. ..	120	1	..	..	1	..	..
Robert Street .. ..	33	..	..	..	..	..	..
Salisbury Road .. ..	33	..	..	..	..	..	..
Station Road .. ..	45	6	..	..	..	..	..
Southboro' Road .. ..	17	1	..	..	..	..	..
Second Avenue .. ..	110	2	1	..	..	..	..
Sixth Avenue .. ..	23	1	..	1	..	..	..
Seventh Avenue .. ..	33	1	..	..	..	..	..
St. Stephen's Road .. ..	124	3	2	2	1	..	..
Shaftesbury Road .. ..	47	3	1	..	1	..	..
South Esk Road .. ..	191	2	6	3	2	..	..
Strone Road .. ..	210	11	4	..	..	..	..
Sherrard Road .. ..	278	5	4	1	3	..	..
St. Dunstons Road .. ..	24	..	2	..	..	..	..
Sandringham Road .. ..	30	2	..	..	1	..	..
Stafford Road ... ..	98	2	1	..	2	..	..
Shrewsbury Road .. ..	213	7	1	..	4	..	..
Sibley Grove .. ..	63	2	1	1	..	..	..
Shelley Avenue .. ..	117	10	1	..	..	..	..
Stanley Road .. ..	42	1	3	..	..	..	..
Swinbourne Avenue .. ..	3	..	..	..	..	..	..
Shakespeare Crescent .. ..	..	..	..	..	..	..	..
St. Martin's Avenue .. ..	26	..	..	..	..	..	..
Seymour Road .. ..	59	11	..	..	..	..	..

Locality.	Number of Houses	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Puerperal Fever.	Croup.
St. Bernards Road ..	89	14	3	..	..	..	..
Spencer Road .. ..	33	..	..	1	..	..	..
Stamford Road .. ..	93	4	2	..	1	..	..
Skeffington Road ..	7	..	..	..	..	..	..
St. Johns Road .. ..	14	..	1	..	..	..	..
Storey Street .. ..	46	2	2	..	1	..	..
Staveley Street .. ..	6	..	..	..	..	..	..
Stanley Street .. ..	20	..	1	..	..	..	..
Toronto Avenue .. ..	6	..	1	..	..	..	..
Third Avenue .. ..	104	1	..	..	..	..	..
Tennyson Avenue ..	47	2	..	..	..	..	..
Thackeray Road .. ..	..	..	..	..	..	..	..
Tudor Road .. ..	46	6	..	1	..	..	..
Temple Road .. ..	6	2	..	..	1	..	..
Thorpe Road .. ..	25	..	..	..	1	..	..
Talbot Road .. ..	62	2	..	2	1	1	..
Telham Road .. ..	54	3	..	..	1	..	..
Victoria Avenue .. ..	80	1	3	1	..	..	..
Vicarage Lane .. ..	15	..	..	..	..	..	..
White Post Lane ..	168	11	2	1	..	..	..
Wentworth Road .. ..	33	..	..	..	..	..	..
Whitta Road .. ..	42	8	4	..	..	..	..
Warren Road .. ..	28	..	..	..	..	..	..
Washington Avenue ..	24	..	..	..	..	..	..
Worcester Road .. ..	50	..	..	..	..	..	..
Washington Road ..	10	..	1	..	..	..	..
Waterloo Road .. ..	21	1	3	1	..	..	..
Walpole Road .. ..	36	..	1	..	..	..	..
Whitfield Road .. ..	46	4	..	1	1	1	..
Whittaker Road .. ..	42	..	1	..	1	..	..
Wyndham Road .. ..	40	1	1	..	..	..	..
Wortley Road .. ..	22	1	3	..	..	..	..
Woodstock Road .. ..	59	1	2	1	..	..	..
Windsor Road .. ..	68	3	..	1	..	..	..
Woodhouse Grove ..	41	1	1	..	..	..	..
Wordsworth Avenue ..	51	3	3	..	..	..	..
Winifred Road .. ..	88	2	..	1	..	..	..
White Horse Lane ..	45	..	..	1	..	..	..
Wilson Road .. ..	20	1	..	..	..	..	..
Wakefield Street ..	114	8	1	3	..	1	..
Wellington Road .. ..	58	3	..	..	..	..	..
Wellstead Road .. ..	26	..	..	..	2	..	..
Windsor Terrace .. ..	110	3	2	..	..	..	..
York Road .. ..	89	3	..	..	..	..	..

