

Report on the sanitary condition and vital statistics of the Parish of St. Matthew, Bethnal Green during the year 1894.

Contributors

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REPORT
ON THE
Sanitary Condition
AND
Vital Statistics

OF THE
Parish of St. Matthew,
BETHNAL GREEN,

DURING THE YEAR 1894,

BY

GEORGE PADDOCK BATE, M.D.,

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SUMMARY.

	1893.		1894.
Estimated population of Bethnal Green.....	123,000	...	123,000
Made up as follows: {			
Young Children under 5 years.....	18,210	...	18,210
Adults between 5 and 60.....	97,595	...	97,595
Old People, over 60 years.....	7,195	...	7,195
Area—755 Acres Number of Inhabited Houses 17,109			
	(Census 91)		
Average number of Persons to each Acre.....	162.9	...	162.9
" " " " London.....	57.7	...	58.2
Total number of Deaths in the year.....	3,257	...	2,642
Total number of Births in the year.....	4,756	...	4,636
Total number of Marriages.....	1,403	...	1,390
Marriage Rate—Bethnal Green.....	22.8	...	22.6
Marriage Rate—London.....	17.2	...	17.0
Death Rate—Bethnal Green.....	26.4	...	21.4
Death Rate—London.....	21.3	...	17.4
Birth Rate—Bethnal Green	38.6	...	37.7
Birth Rate—London.....	31.0	...	30.1
Infantile Death Rate (on Births)—Bethnal Green	177.0	...	152.0
Infantile Death Rate (on Births)—London	164.0	...	14.3
Young Children's Death Rate (on estimated number of			
Young Children).....	80.5	...	68.3
Old People's Death Rate (on estimated number of Old People)	69.6	...	55.0
Zymotic Death Rate—Bethnal Green	4.14	...	3.6
Zymotic Death Rate—London	3.0	...	2.6
Inquest Cases	282	...	286
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Synopsis

OF

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REPORT.

GENTLEMEN,

I have the honour to present my annual report on the vital statistics of Bethnal-Green for the year 1894, which terminated on the 29th of December last.

For the purposes of this report I take the population of the Parish at 123,000, which is the same estimate as that for 1893.

I usually calculate the population upon the basis of the registered births, as birth-rates are known to vary within very narrow limits. But though the births in 1894 were 120 fewer than in the previous year, I do not think that this fact indicates a relative diminution in our population, as the birth rate all over the United Kingdom was two per thousand below the mean rate of the ten years, 1884 to 1893, and that for London was the lowest in any year on record.

In the past the census has been taken only once in ten years, and the estimates in the intercensal years can only be approximately correct. My estimate will be checked next year by the census which will be taken all over London.

By the Equalization of Rates (London) Act, the Registrar-General is called upon to furnish annually estimates, of the population of the various parishes of London, and it has been resolved that a census must be taken every five years, the first being in 1896.

The numbers of births registered in the three sub-districts, into which the parish is divided for registration purposes, are shewn in the following table, together with the estimated populations; the census enumeration of 1891 and the births registered in that year are also shewn for purposes of comparison.

TABLE A.

Population and Births in Sub-Districts for the year 1891 and 1894.

SUB-DISTRICTS.	1891.		1894.	
	Population enumerated.	Registered Births.	Population estimated.	Registered Births.
North	51,520	2063	47,585	1862
South	33,491	1360	32,975	1240
East	44,123	1575	42,440	1534
Total.....	129,134	4998	123,000	4636

BIRTHS.

The Births during the year were 4636 against 4756 in 1893, a decrease of 120, the excess of the births over the deaths however, was 1994.

Table " B " shews this and compares the two years.

TABLE B.

	1894.	1893.
Estimated population in the middle of the year.....	123,000	123,000
Total Births	4,636	4,756
Total Deaths	2,642	3,257
Excess of Births over Deaths, showing the natural increase of the Population	1,994	1,499

DEATH RATE.

The number of deaths registered in the parish during the year 1894, was 2,398 against 3,031 in the previous year. This includes 152 non-parishioners who died in Bethnal Green Hospitals, and whose deaths must be excluded from the number. On the other hand I have received information from Somerset House of the deaths of 395 inhabitants of Bethnal Green who died in Hospitals in other parts of London. After adding these deaths and subtracting the non-parishioners there is a net total of 2,642.

The deaths in each Sub-district, corrected by distribution in a similar manner, were as under :—

North	1018
South	741
East	883
<hr/>	
Total	2642
<hr/>	

Upon the basis of the estimated population we show a mortality rate for the year 1894 of 21·4. This is a decrease of five per thousand on the rate for the previous year, but it is no less than four per thousand in excess of the general Metropolitan rate which was 17·4.

The mortality in the Sub-districts into which the parish is divided was as under :—

North	21·4
South	22·4
East	20·8

In the following table the mortality rates for London and for Bethnal Green are compared by quarters :—

TABLE C.

	London.	Bethnal Green.
March Quarter.....	21·2	26·0
June Quarter	17·4	21·0
September Quarter	15·9	18·7
December Quarter	16·6	20·1

I am indebted to the *British Medical Journal* for the following Extract :—

THE DEATH-RATES OF LONDON SANITARY AREAS DURING 1894.

In the accompanying table will be found summarised the vital statistics of the forty-three sanitary areas of the metropolis, based upon the Registrar-General's returns for the year 1894. The mortality figures in the table relate to the deaths of persons actually belonging to the respective sanitary areas, and are the result of a complete system of distribution of deaths occurring in the public institutions of London among the various sanitary areas in which the patients had previously resided.

The 130,553 births registered in London during 1894 were equal to a rate of 30·1 per 1,000 of the population, estimated at 4,349,166 persons in the middle of that year. In each of the two preceding years 1892 and 1893 the birth-rate was 30·9 per 1,000. In the various sanitary areas the birth-rates showed, as usual, wide variations, owing principally to the differences in the sex and age distributions of their populations. In Kensington, St. George Hanover Square, St. James Westminster, Hampstead, St. Martin-in-the-Fields, London City, and Lee, the birth-rates were considerably

below the average ; while in St. Luke, Shoreditch, Bethnal Green, Whitechapel, St. George-in-the East, Mile End Old Town, Newington and Bermondsey the birth-rates showed a marked excess.

The deaths of persons belonging to London registered during the year under notice were 75,434, equal to an annual rate of 17.4 per 1,000 of the population, against 21.1, 20.3, and 20.9 in the three preceding years. This rate was considerably below any recorded since the establishment of civil registration nearly sixty years ago, the nearest approach to so low a death-rate having been 18.0 in 1889. During the nine preceding years 1885-93 the London death-rate averaged 20.1 per 1,000. The lowest death-rates in the forty-three sanitary areas during last year were 9.8 in Stoke Newington, 10.6 in Hampstead, 12.4 in Wandsworth and in Lee, 12.5 in Plumstead, 13.8 in Lewisham (excluding Penge), and 14.5 in St. George Hanover Square ; in the other districts the rates ranged upwards to 21.1 in Mile End Old Town, 21.4 in Whitechapel, 22.7 in Strand, 23.1 in St. George Southwark, 23.5 in St. Luke, 24.7 in Limehouse and 26.4 in St. George-in-the-East.

During the year under notice 11,467 deaths resulted from the principal zymotic diseases in London ; of these, 3,291 were referred to measles, 2,637 to diphtheria, 2,094 to whooping cough, 1,769 to diarrhoea, 961 to scarlet fever, 626 to different forms of " fever " (including 5 to typhus, 608 to enteric fever, and 13 to simple and ill-defined forms of fever), and 89 to small-pox. These 11,467 deaths were equal to an annual rate of 2.6 per 1,000, against 2.3, 2.8, and 3.0 in the three preceding years ; during the nine years 1885-93 the zymotic death-rate in London averaged 2.7 per 1,000. In the various sanitary areas the rates ranged from 0.9 in Stoke Newington, 1.1 in the City of London, 1.4 in St. George Hanover Square and in Hampstead, 1.7 in Lee, 1.8 in Wandsworth and 1.9 in Lewisham, to 3.5 in Bethnal Green, 3.6 in St. George Southwark, 3.8 in Fulham, 4.1 in Mile End Old Town, 4.3 in Limehouse and 5.0 in St. George-in-the-East. Compared with the average in the ten preceding years the mortality from measles and from diphtheria showed a marked excess, while that from each of the other principal zymotic diseases showed a decline. The 89 fatal cases of small-pox

registered in London during last year showed a marked decline from the number in the preceding year, and were less than half the average; of these 89 cases, 29 belonged to Marylebone, 8 to St. Pancras, 5 to Bethnal Green, 4 to Mile End Old Town, and 10 to Poplar sanitary areas. During the year under notice, 1,234 small-pox patients were admitted into the Metropolitan Asylums Hospitals, and 16 remained under treatment at the end of the year. Measles showed the highest proportional fatality in Fulham, Limehouse, Mile End Old Town, Poplar, St. Saviour Southwark, St. George Southwark, and St. Olave Southwark; scarlet fever in Whitechapel, St. George-in the East, Limehouse, Mile End Old Town, Greenwich, and Woolwich; diphtheria in Paddington, Fulham, Bethnal Green, St. George-in-the-East, Limehouse, Mile End Old Town, St. George Southwark, Bermondsey, and Camberwell; whooping-cough in St. Giles, Strand, Shoreditch, Whitechapel, and St. George-in-the-East; "fever" in St. James Westminster and Strand; and diarrhoea in St. Luke, St. George-in-the-East, Mile End Old Town, St. George Southwark, and Rotherhithe sanitary areas. The number of scarlet fever patients in the Metropolitan Asylums Hospitals, which had been 2,872 at the beginning of 1894, was 1,865, at the end of December last; 11,767 new cases were admitted during 1894, equal to a weekly average of 226 throughout the year. There were 4,128 admissions of diphtheria patients into these hospitals during 1894, and 521 remained under treatment at the end of the year; and there were also 675 admissions of enteric fever patients during the same period, of whom 104 remained at the end of December last.

Infant mortality in London during 1894, measured by the proportion of deaths under one year of age to registered births, was equal to 143 per 1,000, and was below the mean proportion in the ten preceding years. While the rate of infant mortality did not exceed 86 in Stoke Newington, 94 in Lee and in Plumstead, 113 in Hampstead, 114 in Wandsworth, and 115 in St. George Hanover Square. It ranged upwards in the other sanitary areas to 174 in Limehouse, 179 in Strand, 180 in Holborn, 185 in St. George-in-the-East, 186 in St. George Southwark, and 210 in St. Martin-in-the-Fields.

Analysis of the Vital and Mortal Statistics of the Sanitary Districts of the Metropolis, after Distribution of Deaths occurring in Public Institutions, during the Year 1894.

SANITARY AREAS.	Estimated Population middle of 1894.	Births.	Deaths.	Annual Rate per 1,000 Living.			Deaths from Principal Zymotic Diseases.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-Cough.	Typhus.	Enteric Fever.	Simple and Undefined Fever.	Diarrhoea.	Deaths of Children under 1 year of age to 1,000 births.
				Births.	Deaths.	Principal Zymotic Diseases.											
LONDON	4,349,166	130,553	75,434	30.1	17.4	2.6	11,467	89	3,291	961	2,637	2,094	5	608	13	1,769	143
<i>West Districts.</i>																	
Paddington	121,583	2,837	1,826	23.4	15.1	2.4	289	3	66	14	93	45	—	19	—	49	137
Kensington	167,350	3,673	2,647	22.0	15.9	2.1	349	—	111	22	77	58	—	21	3	57	173
Hammersmith	105,696	2,901	1,712	27.5	16.2	2.4	256	—	71	14	50	59	—	15	—	47	147
Fulham	110,993	3,763	1,897	34.0	17.1	3.8	425	3	161	33	105	60	—	5	1	57	149
Chelsea	99,052	2,700	1,619	27.3	16.4	2.3	224	—	70	16	52	38	—	14	1	33	131
St. George Hanover Sq	75,033	1,501	1,088	20.1	14.5	1.4	105	1	31	11	19	21	—	12	—	10	115
Westminster	54,414	1,235	991	22.8	18.3	2.0	108	—	35	7	26	21	—	5	—	14	138
St James Westminster	23,571	464	393	19.7	16.7	2.2	52	1	13	3	15	7	—	8	—	5	144
<i>North Districts.</i>																	
Marylebone	138,554	4,304	2,662	31.2	19.3	2.4	328	29	88	40	73	40	—	23	—	35	130
Hampstead	75,443	1,472	798	19.6	10.6	1.4	104	3	31	10	19	26	—	6	1	8	113
St. Pancras	233,739	6,967	4,256	29.9	18.3	2.2	510	8	95	51	118	115	1	38	—	84	145
Islington	331,900	9,500	5,266	28.7	15.9	2.6	847	3	204	69	221	195	—	36	—	119	139
Stoke Newington ...	34,172	757	334	22.2	9.8	0.9	29	—	2	6	5	8	—	3	—	5	86
Hackney	211,493	6,073	3,241	28.8	15.4	2.6	554	1	186	57	122	68	—	38	—	82	127
<i>Central Districts.</i>																	
St. Giles	38,144	1,069	757	28.1	19.9	2.1	78	1	15	2	14	27	—	8	—	11	132
St Martin-in-Fields	13,783	233	266	17.0	19.4	2.0	27	—	9	1	6	5	—	2	—	4	210
Strand	23,179	547	524	23.7	22.7	2.7	62	—	16	1	9	21	—	7	—	8	179
Holborn	32,438	832	660	25.7	20.4	2.5	81	—	23	—	20	21	—	7	—	10	180

SANITARY AREAS.	Estimated Popula- tion middle of 1894.	Births.	Deaths.	Annual Rate per 1,000 Living.			Deaths from Principal Zymotic Diseases.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-Cough.	Typhus.	Enteric Fever.	Simple and Unde- fined Fever.	Diarrhoea.	Deaths of Children under 1 year of age to 1,000 births.
				Births.	Deaths.	Principal Zymotic Diseases.											
Clerkenwell	65,312	2,180	1,243	33.5	19.1	2.7	174	—	49	10	34	38	—	8	—	35	145
St. Luke... ..	41,168	1,879	965	45.8	23.5	2.1	87	1	14	10	15	18	—	3	—	26	123
London City	34,832	525	679	15.1	19.5	1.1	39	—	3	9	6	11	—	6	—	4	160
<i>East Districts.</i>																	
Shoreditch	123,186	4,332	2,450	35.3	19.9	2.8	350	2	69	28	75	93	1	12	—	70	160
Bethnal Green	129,840	4,636	2,642	35.8	20.4	3.5	457	5	135	27	133	70	—	27	—	60	151
Whitechapel	75,498	3,178	1,613	42.2	21.4	3.1	231	—	66	23	46	52	—	10	—	34	154
St. George-in-East	45,360	1,877	1,196	41.5	26.4	5.0	224	—	49	18	51	41	—	6	—	59	185
Limehouse	57,000	1,906	1,403	33.5	24.7	4.3	244	1	93	33	51	27	—	8	—	31	174
Mile End Old Town	108,242	4,042	2,281	37.5	21.1	4.1	439	4	157	37	82	74	—	13	2	70	156
Poplar	170,217	5,800	3,225	34.2	19.0	3.2	549	10	214	40	108	77	—	31	1	68	153
<i>South Districts.</i>																	
St. Saviour Southw'k	26,712	770	560	28.9	21.0	3.3	87	—	46	6	20	9	—	2	—	4	145
St. George Southw'k	60,060	2,071	1,384	34.6	23.1	3.6	217	—	80	17	49	27	—	5	—	39	186
Newington	118,512	4,201	2,369	35.6	20.0	2.8	327	2	103	19	61	75	—	14	—	53	158
St. Olave Southw'k	12,984	431	268	33.3	20.7	2.8	36	—	19	4	3	7	—	—	—	3	128
Bermondsey	84,053	3,095	1,734	36.9	20.7	3.3	279	1	79	23	66	51	1	16	—	42	146
Rotherhithe	40,365	1,353	764	33.6	19.0	3.3	134	—	41	15	31	13	—	2	—	32	161
Lambeth	282,574	9,231	4,845	32.8	17.2	2.4	676	1	181	64	141	109	—	46	—	134	133
Battersea	161,558	5,024	2,573	31.2	16.0	3.1	493	2	151	32	116	75	—	28	1	88	146
Wandsworth	179,518	4,423	2,224	24.7	12.4	1.8	317	—	75	20	80	55	—	21	2	64	114
Camberwell	248,893	7,382	4,045	29.7	16.3	2.8	687	2	186	46	192	137	1	22	—	101	148
Greenwich	173,128	5,374	2,976	31.1	17.2	3.1	540	—	144	59	132	112	—	32	1	60	138
Lee	38,172	794	472	20.9	12.4	1.7	64	2	11	7	21	11	1	3	—	8	94
Lewisham	79,903	2,040	1,097	25.6	13.8	1.9	154	—	39	12	30	35	—	14	—	24	128
Woolwich	42,309	1,271	753	30.1	17.8	2.6	110	1	39	22	14	12	—	6	—	16	136
Plumstead	59,233	1,910	736	32.3	12.5	2.1	124	2	21	23	36	30	—	5	—	6	9

BIRTHS AND BIRTH RATE.

The births registered during the year were 4636 This is equal to a rate of 37·7 and is about one per thousand lower than the birth rates of the two preceding years. It is, as usual, nearly eight per thousand in excess of the general Metropolitan rate which was 30·1.

In the registration Sub-districts of Bethnal Green the birth rates were as under :—

North	...	...	...	...	39·1
South	...	...	...	...	37·6
East	...	...	...	...	36·1

The East Sub-district contains the largest proportion of children and unmarried women, and it shows the lowest birth rate.

MARRIAGES.

In this parish there are fourteen Churches, fifteen Chapels, and one Registry Office licensed for Marriages : of these there were in the

First Quarter...	...	...	...	...	279
Second Quarter	...	...	...	...	309
Third Quarter	...	...	...	...	359
Fourth Quarter	...	...	...	...	443
Total	...	...	...	...	1390

This total indicates a marriage rate of 11·3 to every thousand persons ; or, as in each marriage there are two contracting parties, 22·6 per thousand of our population entered the bonds of matrimony.

DEATHS OF INFANTS.

Twenty-six per cent. of the deaths from all causes were those of infants aged less than twelve months ; for out of 4636 children born

alive 709 died before reaching the age of one year. This gives a death rate, calculated upon the births of 152, while the corresponding rate for the whole of London was 143.

The diseases most fatal to infants were :—

Atrophy and Debility	...	...	...	124
Inflammatory Diseases of Chest	...	...	...	120
Convulsions	...	...	...	95
Premature Birth	...	...	...	66
Suffocation	...	...	...	36
Tabes Mesenterica	...	...	...	36
Diarrhœa	...	...	...	35
Whooping Cough	...	...	...	32
Measles	...	...	...	30
Inflammatory Diseases of Brain	...	...	...	24

DEATHS OF YOUNG CHILDREN.

Nearly half the deaths (1,244, that is 47 per cent.) were those of children aged less than five years. This gives a rate 68·3 calculated upon the estimated population of young children.

OLD PERSONS' DEATH RATE.

The deaths of elderly persons, that is to say those over 65 years of age, numbered 396. This gives a rate of 55·0 per thousand, calculated on the estimated population of old persons.



SPECIAL CAUSES OF DEATH.

SUMMARY OF TABLE III.

	No. of Deaths.		Per Centage on Total Deaths.	Mortality Rate on Population.
	Order.	Classes		
I.—SPECIFIC FEBRILE OF ZYMOTIC DISEASES ...	504	...	19.08	4.09
1. Miasmatic Diseases(including Influenza)	...	414	15.67	3.36
2. Diarrhoeal " ... ..	...	54	2.04	0.43
3. Malarial " ... ..	...	...	...	...
4. Zoogenous " ... ..	...	...	...	...
5. Venereal " ... ..	...	11	0.42	0.08
6. Septic " ... ..	...	25	0.94	0.20
II.—PARASITIC DISEASES	1	1	0.03	0.00
III.—DIETIC DISEASES	23	23	0.87	0.18
IV.—CONSTITUTIONAL DISEASES	451	451	17.74	3.66
V.—DEVELOPMENTAL DISEASES	170	170	6.43	1.38
VI.—LOCAL DISEASES	1221	...	46.21	9.92
1. Diseases of Nervous System ... ..	...	335	12.68	2.64
2. Diseases of Organs of Special Sense ... ..	...	...	...	...
3. Diseases of Circulatory System ... ..	...	162	6.13	1.31
4. Diseases of Respiratory System... ..	...	562	21.27	4.57
5. Diseases of Digestive System ... ..	...	79	3.10	0.64
6. Diseases of Lymphatic System ... ..	...	1	0.03	0.00
7. Diseases of Gland-like Organs of Uncertain Use ... ..	...	...	...	...
8. Diseases of Urinary System ... ..	...	52	1.96	0.42
9. Diseases of Reproductive System ... ..	...	...	...	...
(a). Diseases of Organs of Generation...	...	2	0.07	0.01
(b). Diseases of Parturition ... ..	...	18	0.68	0.14
10. Diseases of Bones and Joints ... ..	...	8	0.30	0.06
11. Diseases of Integumentary System ... ..	...	2	0.07	0.01
VII.—VIOLENCE	107	...	4.05	0.87
1. Accident or Negligence ... ..	...	93	3.52	0.75
2. Homicide ... ..	...	3	0.11	0.02
3. Suicide ... ..	...	11	0.42	0.08
4. Execution ... ..	...	...	...	...
VIII.—ILL-DEFINED AND NOT SPECIFIED CAUSES...	165	165	6.24	1.34
Total	2642	2642	...	21.4

K² 3 (A).

Table of Deaths Registered during the Year 1894, in the Metropolitan Sanitary District of Bethnal Green, classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics ; public institutions being shown as separate localities.	Mortality from all causes, at subjoined Ages.							Ages under 5 or over 5.	MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																
	At all ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 & under 25.	25 & under 65.	65 & upwards.		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	FEVERS.		Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis & Pneumonia & Pleurisy.	Heart Disease.	Injuries.	All Other Diseases.	Total.	
													Enteric or Typhoid.	Puerperal.											
North, Sub-District	740	264	159	37	23	176	81	Under 5	...	4	20	7	...	...	...	27	33	20	...	4	105	2	6	195	423
								5 upwds.	...	...	2	...	4	1	2	...	1	2	2	56	81	31	11	124	317
South, Sub-District	509	198	105	20	21	114	51	Under 5	...	1	13	6	1	...	1	30	13	...	5	68	1	1	150	303	
								5 upwds.	...	1	2	...	1	2	...	...	1	1	2	40	44	21	2	89	206
East, Sub-District	584	181	140	38	28	129	68	Under 5	...	2	16	13	...	...	1	48	18	11	...	2	69	...	2	139	321
								5 upwds.	...	4	...	...	6	1	...	1	1	3	3	29	60	30	3	122	263
Workhouse ...	389	18	13	1	16	183	158	Under 5	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	28	31
								5 upwds.	...	...	...	...	1	...	4	...	...	2	1	56	118	40	3	133	358
Mildmay Hospital	26	3	5	2	3	10	3	Under 5	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	3	8
								5 upwds.	...	...	...	...	2	...	...	...	...	...	3	2	5	1	1	4	18
Victoria Pk. Hos....	114	...	...	7	26	80	1	Under 5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
								5 upwds.	...	...	...	...	1	...	...	...	...	...	...	66	2	27	...	18	114
Bethnal House Asy.	36	...	...	...	...	15	21	Under 5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
								5 upwds.	...	...	...	...	...	...	...	...	...	...	...	...	7	2	...	27	36
Totals ...	2398	664	422	105	117	707	389	Under 5	...	7	50	26	1	...	2	105	64	45	...	11	248	3	9	515	1086
								5 upwds.	...	1	8	...	15	4	6	1	3	8	11	249	317	152	20	517	1312
The subjoined numbers have also to be taken into account in judging of the above records of mortality.																									
Deaths occurring outside the district among persons belonging thereto.	395	46	118	29	32	133	37	Under 5	4	16	55	2	1	...	2	6	...	2	...	3	27	1	10	35	164
								5 upwds.	1	3	9	...	10	...	3	...	...	...	...	14	20	18	20	133	231
Deaths occurring within the district among persons not belonging thereto.	152	1	5	12	21	91	22	Under 5	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	3	6
								5 upwds.	...	...	...	...	2	...	1	...	...	...	3	55	13	25	...	47	146

SPECIFIC FEBRILE OR ZYMOTIC DISEASES.

The total number of deaths from this group of diseases was 504, a figure which represents about nineteen per cent. of the total deaths from all causes. Of these deaths 385 were amongst young children under five years of age, 119 of whom were infants.

THE SEVEN PRINCIPAL ZYMOTIC DISEASES.

The deaths referred to the orders Miasmatic and Diarrhœal (exclusive of influenza) were 460, a decrease of 60 compared with 1893. The decennial average of Zymotic deaths for the ten years 1884 to 1893 was 493 (see Table V.) The death rate from these seven Zymotic diseases was 3·6, in 1893 it was 4·1. The corresponding rates for London were 3·0 in 1893, and 2·6 in 1894.

TABLE D.

	1894.	1893.
Small Pox... ..	5	7
Measles	135	82
Scarlet Fever	27	71
Diphtheria... ..	133	137
Whooping Cough... ..	70	59
Typhus Fever ... ..	...	...
Enteric Fever	26	26
Simple Fever ... ..	...	...
Diarrhœa	54	128
Cholera ... ..	...	...
TOTAL	450	510

. Of the total deaths from all causes, 17 per cent. were referred to the group of diseases in the above table.

TABLE F.

Small Pox...	...	...	1.11 per cent., or 1 in 90.00 deaths.			
Measles	...	...	30.00	"	"	3.33
Scarlatina	...	...	6.00	"	"	16.67
Diphtheria...	...	...	29.55	"	"	3.38
Whooping Cough...	...	...	15.55	"	"	6.43
Typhus Fever	...	...	...	"	"	...
Enteric Fever	...	...	5.77	"	"	17.31
Simple Fever	...	...	...	"	"	...
Diarrhœa	...	...	12.00	"	"	8.33

This table shows the percentage of deaths from each disease as compared with the total number of Zymotic deaths.

NOTIFICATION OF INFECTIOUS DISEASES.

A total of 1,582 notification certificates have been received during the year. Twenty-four of the certificates were duplicate notifications, that is to say the case was reported by more than one Medical man.

Particulars of the number of cases, month by month, together with the Hospital admissions and discharges are shown in the accompanying table. The usual spot maps indicating the distribution of the cases are also submitted.

In his Annual Report for 1894, Dr. Goodall, the Medical Superintendent of the Eastern Hospitals, mentions that he has ascertained that during the past year in about 3.7 of the cases certified Scarlet Fever, in 17.5 per cent. of those certified Diphtheria, and in 25.8 of those certified Enterica, the patients were found, upon further observation, not to be suffering from those diseases. These figures are in excess of previous years. In the case of Diphtheria the increased percentage of error is due largely to the fact that during the latter part of the year Bacteriological means of diagnosis were freely

used. With respect to Enterica, Dr. Goodall remarks that this disease is, especially in its early stages, most difficult to diagnose with certainty. If a patient is suspected to be suffering from Enteric Fever and requires removal to Hospital, it is very important that this removal should take place as early as possible. It is dangerous to wait till a certain opinion as to the nature of the disease can be given, for in many cases absolutely certain symptoms are only observed at a period of the disease when removal is fraught with the gravest risk to the patient's life.



Certificates of Cases of Infectious Disease, 1894.

CERTIFICATES OF INFECTIOUS CASES RECEIVED BY THE MEDICAL OFFICER OF HEALTH.							ADMITTED TO ASYLUMS BOARD'S HOSPITALS.							
	Small Pox.	Scarlet Fever.	Diphtheria	Erysipelas	Enteric Fever	Puerperal Fever	SMALL POX.				FEVERS & DIPHThERIA.			
							Admitted	Dis- charged	Died	Remaining	Admitted	Dis- charged	Died	Remaining
January	1	57	36	33	19	0	1	0	0	1	40	53	6	92
February	2	41	64	21	4	0	1	1	0	1	25	48	8	61
March	3	46	34	20	7	1	3	2	0	2	44	33	7	65
April	4	37	60	15	15	1	2	2	0	2	28	20	5	68
May	25	53	48	16	13	0	23	3	1	21	37	42	10	53
June	28	27	54	16	16	1	26	29	2	16	36	18	12	59
July	15	33	46	13	9	0	4	14	1	5	25	31	6	47
August	4	41	41	11	9	0	4	6	1	2	48	31	3	61
September	1	53	39	33	11	3	1	2	0	1	38	24	5	70
October.....	1	48	31	20	20	0	0	1	0	0	44	28	5	81
November	0	33	55	28	10	1	0	0	0	0	46	46	5	76
December	0	36	36	20	12	0	0	0	0	0	32	30	6	72
Total.....	84	505	544	246	145	7	65	60	5	0	443	404	78	72

Table of Population, Births, and of New Cases of Infectious Sickness, coming to the knowledge of the Medical Officer of Health, during the year 1894, in the Sanitary District of Bethnal Green; classified according to Diseases, Ages and Localities.

Names of Localities adopted for the purpose of these Statistics. Public Institutions being shown as separate localities.	Population at all Ages.		Registered Births.	Ages under 5 or over 5	New Cases of Sickness in each Locality coming to the knowledge of the Medical Officer of Health.								Number of such cases removed from their homes in the several Localities for treatment in Isolation Hospitals.				
	Census 1891.	Estimat'd to Middle of 1894.			Small Pox.	Scarlatina.	Diphtheria & Membranous Group.	FEVERS.			Cholera.	Erysipelas.	Small Pox.	Scarlatina.	Diphtheria & Membranous Group.	FEVERS.	
								Typhus.	Enteric or Typhoid.	Puerperal.						Enteric or Typhoid.	
North, Sub-District ...	51,520	47,585	1,862	Under 5	3	71	76	...	2	...	...	7	1	30	25	...	...
				5 upwards	19	101	110	...	63	1	...	99	16	40	27	38	...
South, Sub-District ...	33,491	32,975	1,240	Under 5	9	52	64	...	4	...	...	4	8	25	27	1	...
				5 upwards	34	82	91	1	36	3	...	52	29	40	30	26	...
East, Sub-District ...	44,123	42,440	1,534	Under 5	5	81	85	...	3	...	1	4	3	25	22	...	...
				5 upwards	13	117	130	...	42	3	...	62	13	50	32	8	...
Workhouse ...	...	...	...	Under 5	...	3	2	...	...	...	...	...	...	3	1	...	...
				5 upwards	...	5	...	...	...	...	...	16	...	5	...	...	...
Mildmay Hospital ...	...	...	...	Under 5	...	...	...	...	...	...	...	...	...	...	...	...	...
				5 upwards	...	1	...	...	...	...	...	...	...	1	...	...	...
Victoria Park Hospital	...	...	...	Under 5	...	...	...	...	...	...	...	...	...	...	...	...	...
				5 upwards	...	...	...	...	...	...	...	...	...	...	...	...	...
Children's Home ...	...	...	...	Under 5	...	...	...	...	...	...	...	...	...	...	...	...	...
				5 upwards	...	...	...	...	...	...	...	...	...	...	...	...	...
Bethnal HouseAsylum	...	...	...	Under 5	...	...	...	...	...	...	...	...	...	...	...	...	...
				5 upwards	...	1	...	...	...	...	...	...	...	...	...	...	...
Totals ...	129,134	123,000	4,636	Under 5	17	207	227	...	9	...	1	15	12	83	75	1	...
				5 upwards	66	307	331	1	141	7	...	229	58	136	89	72	...

ISOLATION HOSPITALS: HOMERTON, ST. ANNE'S, TOTTENHAM, AND HOSPITAL SHIPS.

SMALL POX.

(Decennial average 15·5).

The total number of Small Pox cases notified during the year was 84. Of these 70 were removed to Hospital, though only 60 were retained, the other ten being sent home again as not being cases of Small Pox; twenty-two of the patients came from the North District, forty-three from the South, and eighteen from the East.

There were five deaths, all amongst those removed to Hospital; four were unvaccinated but no information could be obtained as to the fifth.

With regard to the Sanitary condition of the houses where these cases occurred, the Inspectors report that 33 were found to be fairly satisfactory, but the internal drainage was defective in two, and the external drains in eight, while other minor insanitary conditions obtained in thirty instances.

Eleven cases were amongst families occupying one room only.

SCARLET FEVER.

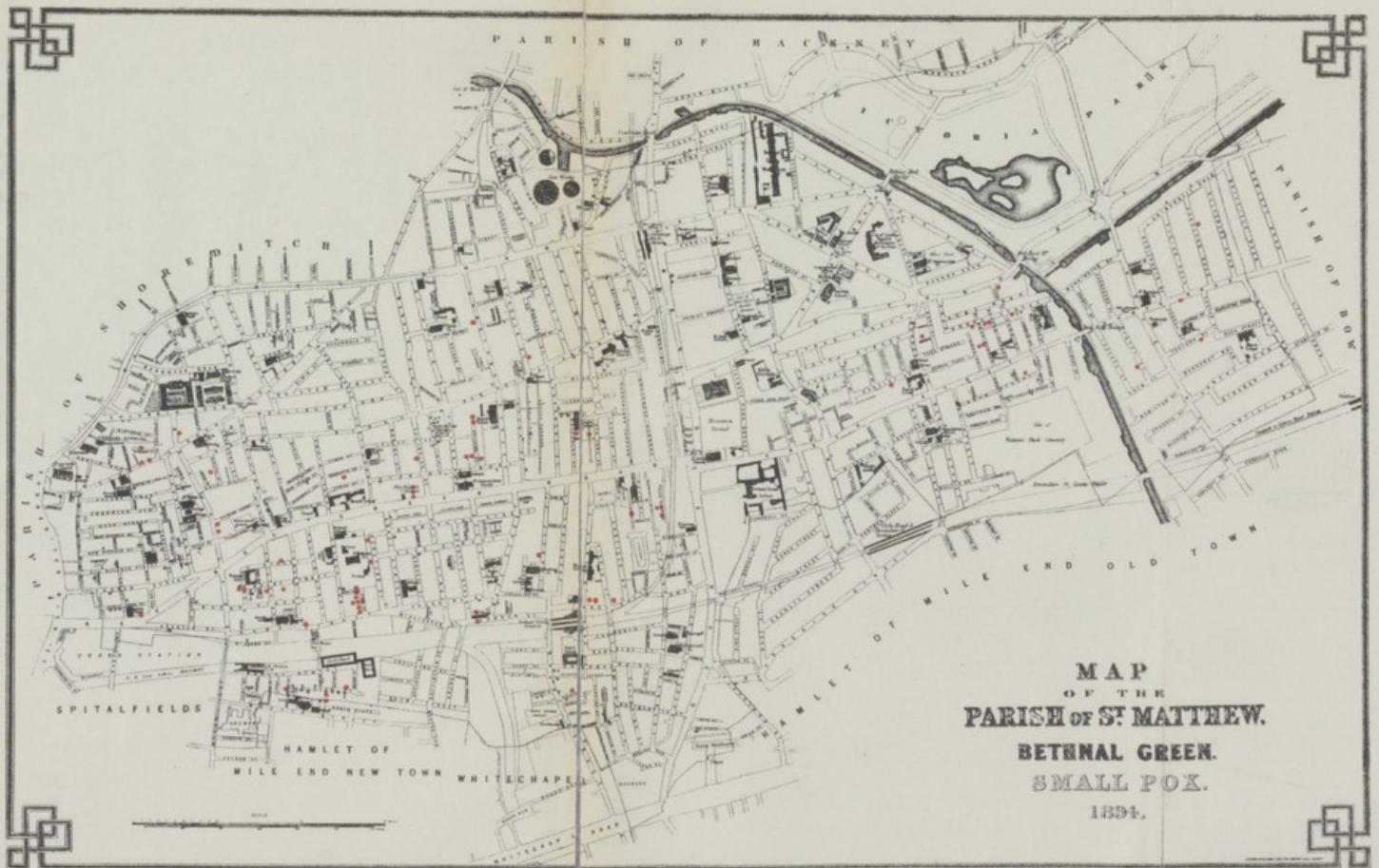
(Decennial average 60·5).

The number of cases of Scarlet Fever notified during the year was 514 resulting in 27 deaths, a mortality of 5·3 per cent. on the notifications.

In the North District 172 cases were notified, in the South 134, and in the East 198.

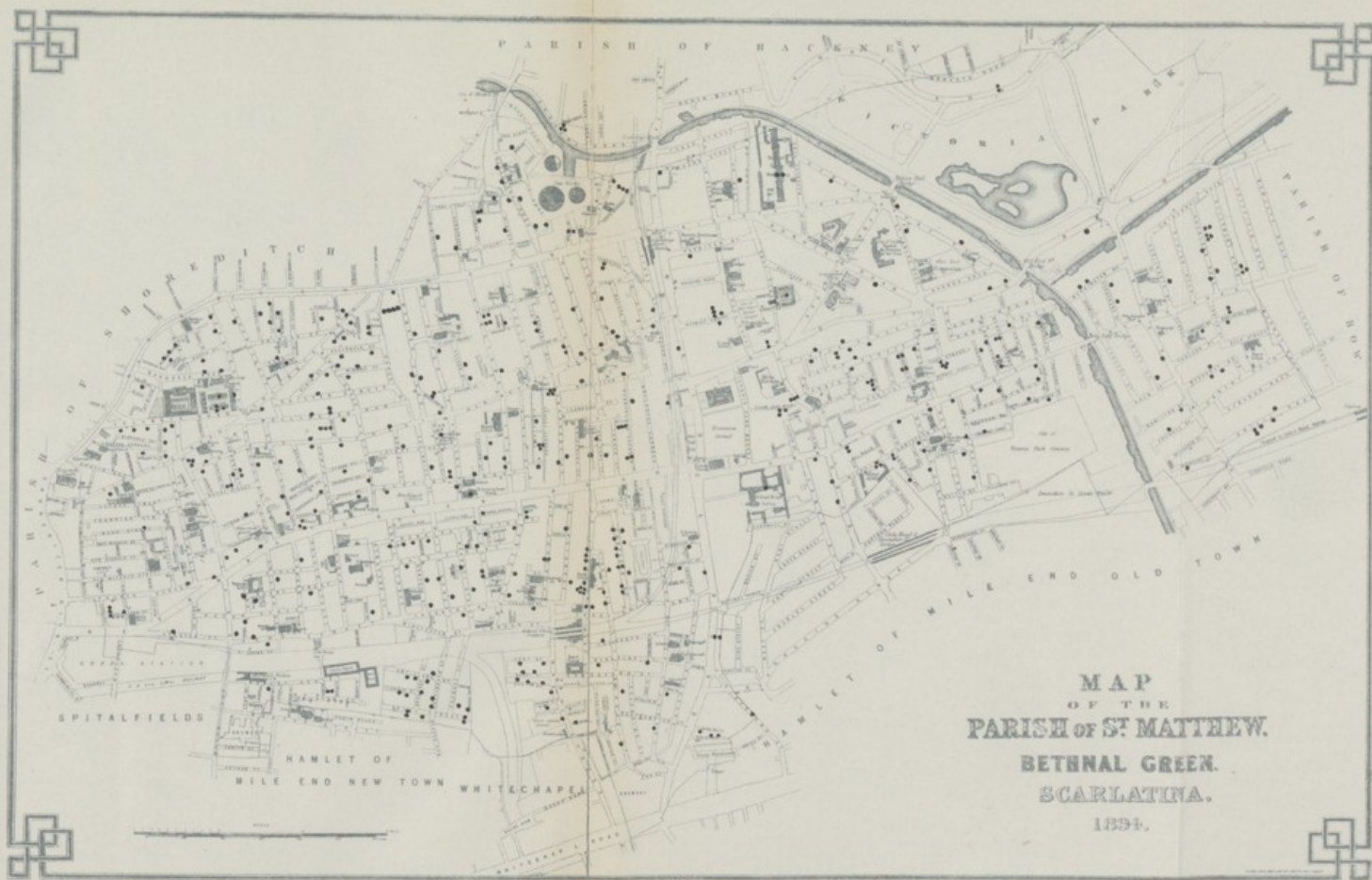
219 Scarlet Fever patients were removed to Hospital, nineteen of them died. (The Asylums Board Returns give the number as 238).

The Inspectors' reports on the sanitary condition of the houses where these cases occurred give the following particulars :—



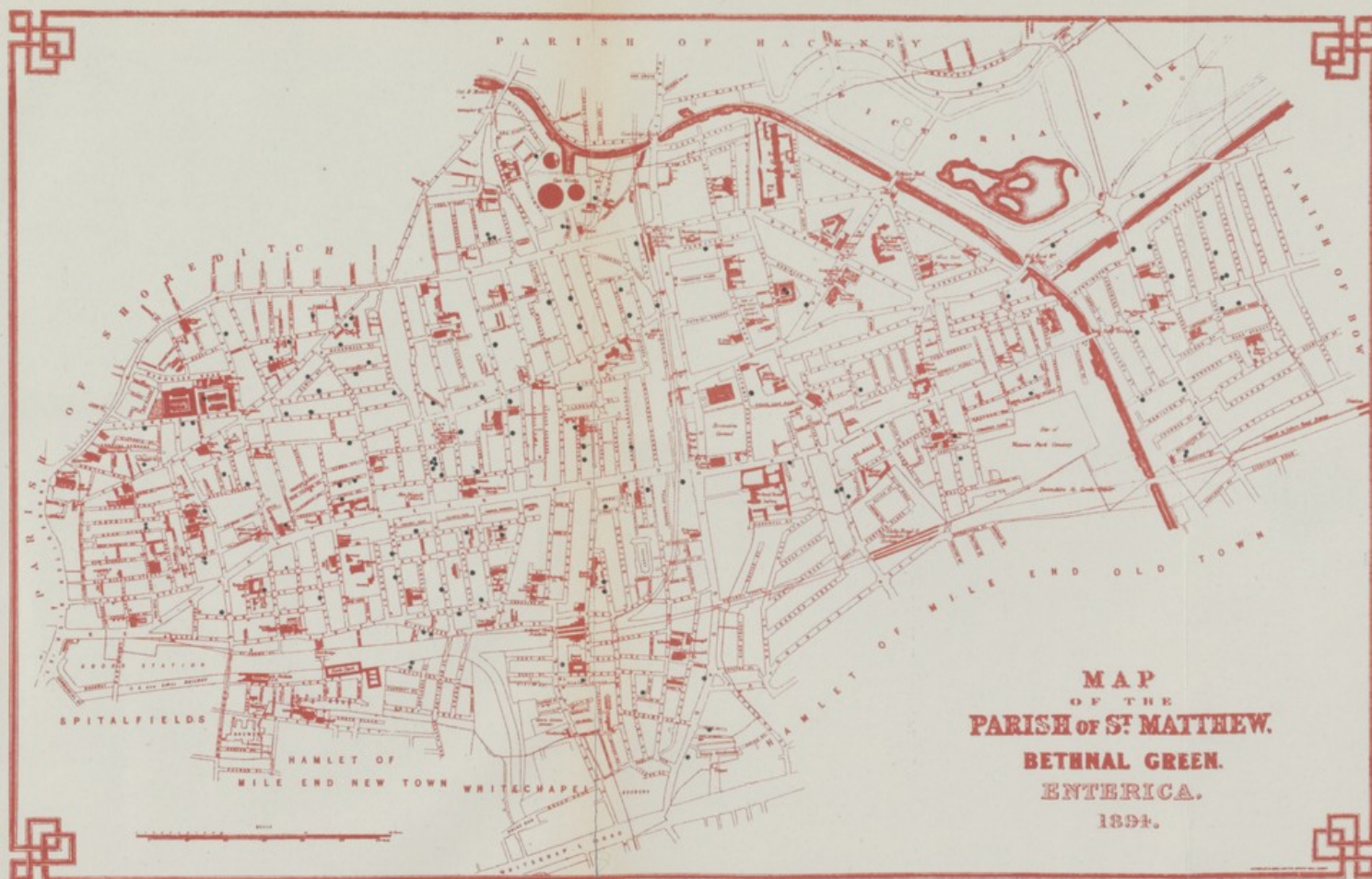


WINTHAM, ME
FEB 27 1918





YAN
WINTON G. GILBERT
KING JARVIS



MAP
OF THE
PARISH OF ST. MATTHEW.
BETHNAL GREEN.
ENTERICA.
1891.



PARISH OF ST. MARY
NEW YORK
NEW YORK





U. S. A.
LIBRARY OF CONGRESS
GEORGE J. J. J. J.
WASHINGTON, D. C.

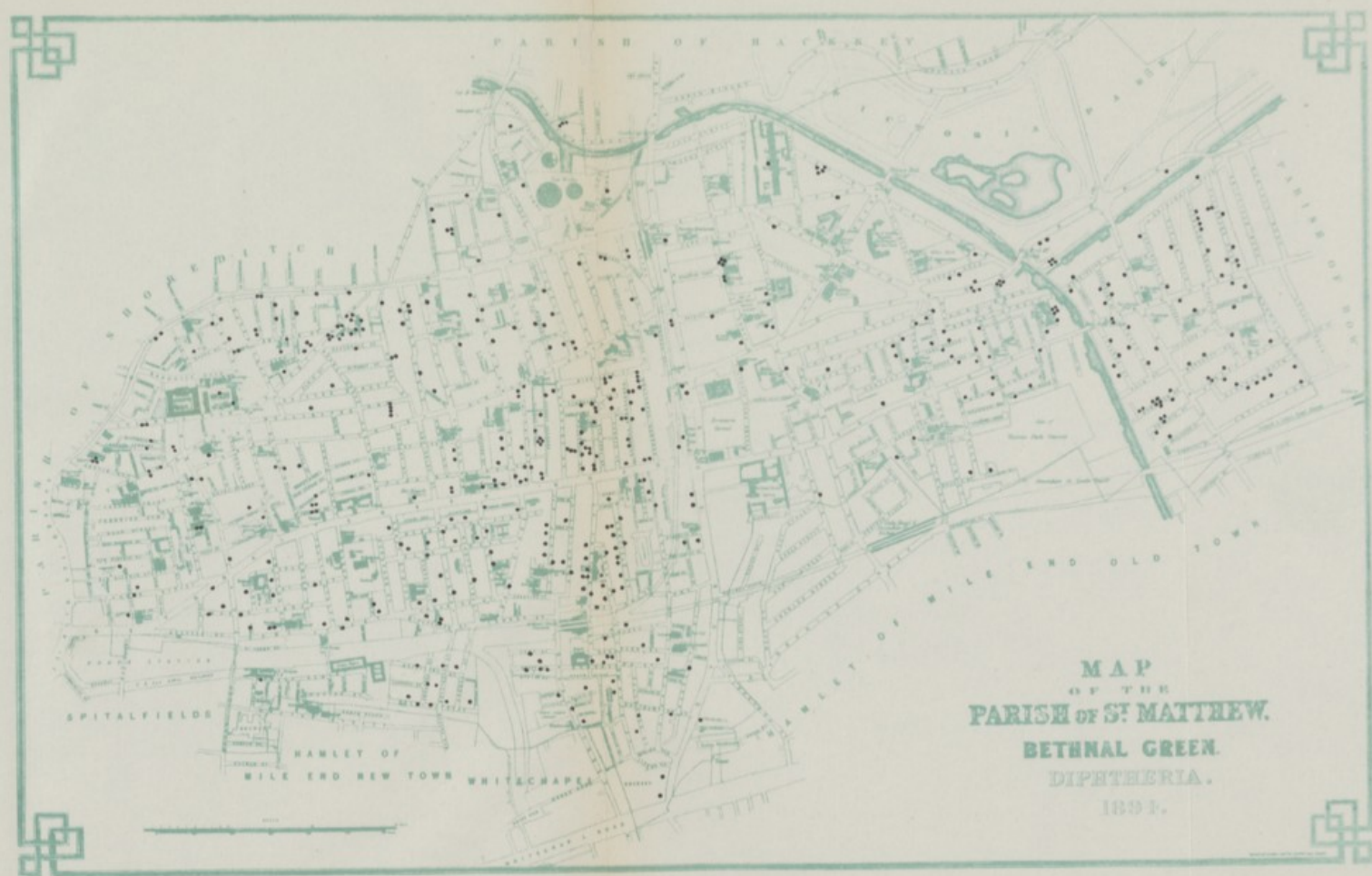


INTERNAL CO
ENTRANCE

100
101
102
103

104
105
106
107
108
109
110

111



In 264 instances everything was found to be in a fairly satisfactory state, but in eleven the closets had no water supply ; in twenty-three the internal drainage arrangements were defective, and in forty-nine the outside drains were faulty ; in four the domestic water supply was drawn from the closet cistern ; while in 146 others various minor insanitary conditions were found.

Fifty-eight of the cases occurred amongst families occupying one room only.

CONTINUED FEVER.

(Decennial average 26·8.)

The total number of Enteric Fever cases reported during the year was 150. Of these 26 died, a case mortality of 17·3 per cent. on the notifications. The patients removed to Hospital numbered 73, and 11 of them died. Of the removals only 16 were admitted to Asylums Board Hospitals, and the remainder were treated in General Hospitals.

Of the cases, 65 were reported from the North District, 40 from the South, and 45 from the East. In 76 instances the residence of the patient was found to be in a satisfactory sanitary condition, but in two the W.C. had no water supply, in 25 the external drainage arrangements were faulty, and in five the drains inside the house were bad, in one the domestic water supply was drawn from the W.C. cistern, and other insanitary conditions were found in 37.

Fourteen cases occurred in families occupying one room only.

One case of Typhus Fever was notified, and removed to Hospital, but I am informed that this ultimately proved to be Measles.

DIPHTHERIA : (INCLUDING MEMBRANOUS CROUP.)

(Decennial average 23·0.)

The number of cases reported to me under these two heads was 58. The number of deaths registered was 133, which is equal to a

mortality of 23·3 per cent. on the notifications. The deaths in Hospital numbered 66. On the estimated population at all ages the mortality was 1·08 against 1·00 last year; but of the total deaths 100 were amongst young children aged less than five years. This was 5·49 per 1,000 on the estimated population of young children.

Of the total notifications, 186 came from the North District, 155 from the South, and 215 from the East.

The removals numbered 164; 141 of these were admitted into the Asylums Board Hospitals, but a few cases (mostly membranous Croup and necessitating operation) were treated in General Hospitals. The deaths amongst the Hospital cases, which include the majority of the serious ones, numbered 66.

The Inspectors report that 310 of the houses where these patients resided were found upon examination to be in a fairly satisfactory condition, but 14 had no water supply to the closets; in 25 the internal drainage arrangements were faulty, and in 63 the drains outside the houses were in bad order; in 127, various minor insanitary defects were discovered; 48 cases occurred amongst families occupying one room only.

WHOOPIING COUGH.

(Decennial average 113·4).

Whooping Cough caused 70 deaths, all except two being amongst young children, and shewed a mortality of 3·7 per thousand on the estimated population of young children.

MEASLES.

(Decennial average 115·6)

Measles caused 135 deaths, of which all but six were amongst young children aged less than five years, this being a mortality of 7·0 per thousand on the estimated population of young children, under five years of age.

REPORT OF FEVER AND DIPHTHERIA CASES ADMITTED INTO FEVER HOSPITALS DURING THE YEAR 1894.

HOSPITALS.				No. of Cases remaining at end of 1893.	No. of Cases Admitted.	Discharged.	Died.	No. of Cases remaining at end of 1894.
Eastern Hospital (Homerton)	...	...	...	38	348 and 1 from North-Eastern Hospital.	156 and 132 transferred to Winchmore Hill.	59	40
Northern Hospital (Winchmore Hill)	...	...	...	32	1 fresh case; 132 from Homerton; 5 from North-Western Hospital; and 16 from North-Eastern Hos- pital.	164	0	22
North-Western Hospital	...	...	...	8	48	29 and 5 transferred to Winchmore Hill.	17	5
North-Eastern Hospital	...	...	...	33	45	55 16 transferred to Winch- more Hill, and 1 to Homerton.	2	4
New Cross Hospital	...	...	...	0	1	0	0	1
Totals	...	...	...	111	443	404	78	72

REPORT OF CASES ADMITTED INTO SMALL POX HOSPITALS DURING THE YEAR 1894.

HOSPITALS.	No. of Cases remaining at end of 1893.	No. of Cases admitted.	Discharged.	Lied.	No. of Cases remaining at end of 1894.
Hospital Ships	0	65	58 and 2 trans- ferred to Gore Farm.	5	0
Gore Farm	0	2 from Hospi- tal Ships.	2	0	0
Total	0	65	60	5	0

RESPIRATORY DISEASES.

The deaths from chest diseases other than Phthisis and Pulmonary Influenza were 562, being about 21 per cent. of the total mortality from all causes, and corresponding to a rate of 4·5 per thousand population at all ages.

Table "H" separates the mortality into quarters, shews the age distribution, and also the rainfall and mean temperature for each month of the year.

TABLE H.

Quarter ending.	Children under 5 years.	Persons from 5 to 65.	Persons above 65.	Total.	Mean Temperature. Fahrenheit.	Rainfall in inches.
March	87	80	43	210	{ Jan. 38·4 Feb. 41·8 Mar. 44·3	2·87 1·75 1·19
June	75	37	15	127	{ April 50·7 May 50·4 June 58·8	1·74 1·85 1·84
September ...	43	24	24	91	{ July 62·1 Aug. 59·8 Sept. 54·4	3·25 2·85 0·05
December ...	56	43	35	134	{ Oct. 50·1 Nov. 46·5 Dec. 42·1	4·45 2·85 2·28
Total, 1894...	261	184	117	562	49°·9 Mean Temperature for year 1894.	26·97
Total, 1893 ...	328	341	164	833	51°·1 Mean Temperature for year 1893.	19·82

PROCEEDINGS UNDER THE HOUSING OF THE WORKING CLASSES ACT DURING THE YEAR 1894.

	DISTRICT			Totals.
	No. 1	No. 2	No. 3	
Number of Houses certified during the year ...	171	9	0	180
Number of Houses closed under Magistrates' order	26	7	0	33
Houses closed by owner	12	0	0	12
Houses repaired and re-opened	10	11	0	21
Number of Houses demolished	30	15	8	53
Number of Magistrates' orders obtained during the year	16	9	0	25
Summons withdrawn and costs allowed	1	0	0	1

PUBLIC HEALTH (LONDON) ACT, 1891. RETURNS FOR 1894.

	DISTRICT			Workshops	Totals.
	No. 1	No. 2	No. 3		
Number of Summonses issued, heard and Magistrates' Orders obtained	10	17	5	9	41
Number of Summonses issued, heard and Penalties imposed	2	0	1	6	9
Number of Summonses issued and with- drawn on payment of costs	15	33	7	21	76
Summonses issued, heard and dismissed ...	1	0	1	2	4
Summonses issued in 1893, but withdrawn in 1894	1	14	0	0	15
Summonses issued in 1893, but dismissed in 1894	0	0	1	0	1
Summonses issued in 1893, but order to close obtained in 1894	0	0	1	0	1
Summonses issued in 1894, but returnable in 1895	0	16	3	0	19

Details of these cases have been furnished in my monthly reports. It is therefore only necessary to reproduce here the four cases where the summonses were dismissed.

Quinn's Buildings.

Notice was served upon the owners of this block of Model Dwellings to remove the dust shoots from the interior of the Buildings as they were a constant source of nuisance. The owners declined to obey the notice, and a summons was in consequence taken out against them. This was heard by Mr. Haden Corser, who, after taking the evidence, adjourned the case for the purpose of making a personal inspection of the premises.

The Magistrate was of opinion from what he saw on his visit that the removal of the dust shoots to the exterior of the buildings would bring about a worse condition than the existing one. He therefore declined to make an order and dismissed the summons.

J. G.——, 9, Pollard Street.

Some unreported cases of Small-pox at this address caused quite an epidemic in the neighbourhood, as no attempt was made to isolate the patients. The cases (two in number) were discovered by Inspector Foot, who in several other Small-pox cases traced the source of infection to this house. Nine cases were removed in May from the neighbourhood, and twenty others from within a radius of half a mile during May and June. Presumably most of these originated from the unreported cases at No. 9. When discovered, J. G's children were convalescent after an illness of about five weeks' duration. From statements made by the mother Mr. Foot was of opinion that the father had wilfully concealed the nature of the disease, fearing that his children would be removed to Hospital.

The summons against the father for failing to notify was heard by Mr. Haden Corser, who held that any statements made by the mother to Mr. Foot could not be received in evidence as against the husband, and he was not satisfied by any other evidence we were able to produce that Defendant was aware that his children were suffering from Small-pox. He therefore dismissed the summons.

9, Birkbeck Street.

Mrs. K——, the wife of a baker, was summoned before Mr. Haden Corser for exposing articles of clothing infected with scarlet fever. Mrs. K's child had been certified by a well-known medical practitioner in the neighbourhood to be suffering from scarlet fever; the offer of removal to hospital was declined, and the mother who was nursing the sick child was seen by Inspector Kelf serving in the shop.

The day before the hearing we were informed that the medical practitioner referred to had never personally attended the child, but had sent his unqualified assistant. The notification certificate was therefore valueless as evidence that the child was suffering from scarlet fever, and as I did not examine the patient when I visited the premises, we were unable to prove our case, and so withdrew the summons in court. The Magistrate, however, was of opinion that we should have stopped the case earlier and gave £3 3s. costs against the Vestry.

The giving of the illegal certificate of notification under these circumstances appears to come within the meaning of the following resolution passed by the Medical Council on April 21st, 1893:—

“That the Council record on its minutes, for the information of those whom it may concern, that charges of gross misconduct in the employment of unqualified practitioners in respect of the signing of medical certificates required for the purposes of any law or lawful contract are, if brought before the Council, regarded by the Council as charges of infamous conduct under the Medical Act.”

Upon the occasion of my visit to these premises I found the mother (who was attending upon the sick child) in the Bakehouse with an armful of soiled linen. This Bakehouse is situated at the back of the premises and the only means of access to the yard is by passing through the Bakehouse. The owner was accordingly summoned under Section 16, of the Factory and Workshops Act, 1883, and the case was heard immediately after the one just detailed. I contended

that under the conditions described, the Bakehouse was "in such a state as to be, on sanitary grounds, unfit for use or occupation as a Bakehouse," until a proper separate entrance from the house to the yard was provided. Mr. Haden Corser did not agree with my reading of the Section, but considered the matter of such great public importance that he adjourned the hearing so that the owner might make the necessary alterations in his premises. The owner, however, declined to do this and at the adjourned hearing Mr. Haden Corser regretted that in his opinion he had no power to make an order under section 16, as he considered that the word "state" referred to some actual sanitary defect in the premises, and not to any temporary condition such as my complaint referred to. He considered that it was most undesirable that such conditions should exist, as bread might easily become contaminated; but under these circumstances as there was nothing to prevent the owner taking his refuse out of the front door instead of through the Bakehouse, he must therefore dismiss the summons.

FACTORIES, WORKSHOPS AND TRADE PREMISES.

In December, 1893, Mr. C. H. Kelf was appointed an additional Sanitary Inspector. By direction of the Sanitary Committee this Officer's duties were restricted to the inspection and regulation of trade premises all over the Parish, with the understanding that any insanitary conditions coming under his observation in houses which were in connection with workshops should be dealt with by him, so as to avoid as much as possible the over-lapping and duplication of duties. On the appointment of a fifth Inspector in January, 1895, this arrangement was terminated. The Parish was divided into five districts, and one was apportioned to each Officer. Each Inspector now looks after the trade premises in his own district.

The following Table gives particulars of the Workshops visited and examined by Mr. Kelf.

WORKSHOPS INSPECTED

DURING THE YEAR ENDING DECEMBER 29th, 1894.

Primary Inspections	...	...	...	...	1332
Re-inspections	...	...	...	...	3112
					—
Total	...	...	...	...	4444
					—
Workshops found in satisfactory condition	...	...	...	...	475
„ Overcrowded	...	...	...	...	78
„ Dirty	...	...	...	...	527
„ With insufficient W.C. accomodation...	...	...	...	...	59
„ With defective internal drainage	...	...	...	...	206
„ With defective external drainage	...	...	...	...	511
Number of Notices served	...	...	...	...	763
Protected persons found employed and notified to					
H.M.'s Factory Inspector	...	...	...	...	767
Insanitary Conditions abated	...	...	...	...	795
Premises under notice	...	...	...	...	70

It will be noticed that during the year Mr. Kelf inspected 1,332 Workshops; in 857 of them various insanitary defects were found, and though some of the nuisances were abated on a verbal intimation, yet it was found necessary to serve 763 notices and to re-visit each of the defective Workshops three or four times before the notices were obeyed. The summonses taken out against the occupiers of Workshops who had failed to obey the notices within a reasonable time numbered 38, but 21 of these were withdrawn on payment of costs as the necessary works were completed before the day of hearing.

Two summonses were dismissed, in one case with costs against the Vestry. Details of these cases will be found under the head of "Legal Proceedings."

In nine cases the Magistrates at Worship Street made orders for the necessary work to be executed and for the costs to be paid to the Vestry.

In six cases fines were inflicted, in one other the defendant was cautioned and ordered to pay the costs.

The following cases require special mention :—

A Cooper, the occupier of some workshops in Weaver Street, was summoned for permitting his premises to be in a dirty condition and for neglecting to make proper provision for the ventilation of his workshops so as to render harmless the vapours (smoke, &c.) generated in the course of his handicraft. The process of firing the casks was found to be carried on upon open hearths, the men employed were working in the midst of irritating smoke, and the walls and rafters of the workshop were covered with soot. The occupier conducted his own case and appealed to the Magistrate (Mr. H. Corser) to visit the premises and see the condition of them for himself. The summons was adjourned for a month for this purpose. The owner now set vigorously to work to cleanse and limewash the premises, thereby destroying some of the evidence as to smoke, &c.

Mr. Corser was informed as to what was being done, and he declined to visit. At the adjourned hearing the occupier attended and agreed to an order.

A Boot and Shoemaker in Warner Place was summoned for failing to comply with two notices, one requiring him to abate the overcrowding in his workshops, and the other requiring him to provide additional Closet accommodation for the women employed.

In this last case the defendant denied the offence, and stated that his female employees were allowed the use of the W.C. at his private house a few doors away. Mr. Bushby ruled that the Sanitary Authority had power to order what additional closet accommodation they considered necessary, and that the Magistrate had no power to question this decision, but only to administer the law and inflict a penalty if the order of the Sanitary Authority were not complied with.

Both cases were proved and fines of £5 and 2s. costs were inflicted in each case. Subsequently these fines were reduced by the Home Secretary to one-half.

COW-HOUSES AND SLAUGHTER-HOUSES.

These have been kept under constant observation. The new bye-laws of the London County Council as to dung-pits have caused some trouble and it has been necessary to oppose several of the licenses at the sessions for non-compliance.

There are 11 licensed slaughter-houses and 24 cow-houses, renewals for the whole of these were applied for at the Licensing Meeting of the London County Council on Monday 29-10-94. The following licenses were objected to :—

149, Brick Lane, Charles Knight.

Objection by Inspector of L.C.C.

Premises have not been used by Mr. Knight for a period of more than twelve months, other persons are allowed to slaughter cattle on the premises, and there appears to be no necessity for a license being granted in respect of these premises, as the shop is only opened to retail trade on Sunday mornings.

The license was eventually granted with a stipulation that the premises should be used by no one but the owner himself.

381, Cambridge Road, W. W. Burrows.

Stable not effectually separated from the cow-shed.

The work was completed before the hearing and the opposition withdrawn.

95, Collingwood Street, J. Richards.

Dung receptacle erected contrary to bye-laws.

Opposition withdrawn on Mr. Richards discontinuing the use of this dung pit and undertaking to provide a moveable receptacle.

216, Columbia Road, Messrs. Jones Bros.

Council Inspector objected on the ground that Shed No. 2 had not been occupied as a cow-shed since February, 1892. The Vestry objected on the ground that the paving and surface drainage of the sheds was defective and the ventilation imperfect, also that a proper dung pit was required.

The whole of this work was completed before the hearing and, as all opposition was withdrawn, the license was granted.

38, Fellbrigge Street, Susannah Bogos.

Cow-shed requires to be thoroughly cleansed and lime-washed, the ventilation improved, and a proper dung-pit constructed in accordance with the Council's bye-laws.

This was done before the day of hearing, and the license was granted.

1, Hamilton Road, Thos. Jones.

6, Warley Street, H. Griffiths.

Neither of these cow-keepers had made adequate provision for the disposal of manure, both had sunken dung-pits inside the sheds.

Both cow-keepers agreed to provide moveable receptacles; opposition was withdrawn and the license granted.

BAKEHOUSES.

The total number of these under inspection is 106, they are in a fairly clean and satisfactory condition, but about half of them are underground, and the ventilation of most of these leaves much to be desired.

TURIN STREET BOARD SCHOOL.

Complaints as to the condition of the drainage at these Schools were received, and on the 27th of April the Schools were visited by Mr. Foot, the Inspector of the district. He reported to me that serious defects existed in the drainage and sanitary arrangements.

On the following Saturday I took advantage of the absence of the children to make a thorough examination of the buildings, accompanied by Mr. Foot. We found the following conditions existing:—

The closets for the teachers in two departments were of the obsolete "pan and container" form, in a very filthy condition. In two of the lavatories defective "bell" traps were found, and the waste pipes from the basins in both were not disconnected nor were they properly trapped. Nearly all the rainwater pipes outside the building were directly connected to the soil drain; none of the

drains were ventilated except through these rainwater pipes, the heads of many of which were in close proximity to windows. The drains were carefully tested and found in such a defective condition as to require entire re-construction.

The W.C. accomodation for the children was situated in the playground and consisted of old, unglazed, iron trough-closets, flushed by hand, and of such construction as to render proper cleansing impossible.

The matter was reported to the Sanitary Committee, and on May the 8th notices under the Public Health Act were served on the School Authorities. These notices resulted in much correspondence, and ultimately plans for the entire reconstruction of the drainage system were laid before the Sanitary Committee and approved.

The School rose for the Summer Vacation on July 22nd, and I quite expected that the work would be immediately put in hand; nothing, however, was done, and finding that the usual arrangements preparatory to the re-assembling of the pupils were being made, I wrote the following letter:—

“ To G. H. Croad, Esq.

“ Dear Sir,

TURIN STREET BOARD SCHOOL.

“ I understand the drainage works at this School will shortly be put in hand. I shall be glad to know what course the Board proposes to adopt with reference to the reopening of the School as I am informed that the usual preparations are being made for the reception of the pupils.

“ I am strongly of opinion that the School should not be used whilst the drainage works are in progress, as I believe it would be disastrous for children to be congregated in the immediate vicinity of a large number of open drains.

“ As you are aware Diphtheria is widely prevalent in the Metropolis, and the occupation of the School whilst this work is in progress would certainly induce a state of health amongst the children attending, such as would render them most likely to contract the disease.

"Should the Board decide to re-open after this warning I shall feel it my duty to recommend the Vestry to take the usual steps to close the School so soon as the drainage works are commenced.

"I am, dear Sir,

"&c., &c."

A reply to this letter was received intimating that closure of the School would, in the opinion of the Board, be unnecessary, as provision would be made in the contract with the builder, to whom the work was to be intrusted, which would obviate any of the evil effects I feared. Subsequently the contract was submitted, and in it the contractor was bound down to do the work in sections, with the understanding that the portion of the School actually under repair was to be closed, and the playground parted off by a high fence; moreover the contractor was strictly tied down not to interfere with any soil drain except during the period between Friday afternoon (after School hours) and the re-opening of the School on the following Monday morning.

Under these conditions the Sanitary Committee were of opinion that the work might be allowed to be commenced, and on August the 26th the School re-opened, but the repairs were not started till early in September, when the School was in full swing. The operations were closely watched by Mr. Foot, who soon found that the promise not to interfere with soil drains could not be kept, as the actual course of these drains was quite unknown, and the workmen accidentally broke into them in several places. On September the 11th notice to close the School was served upon the Managers and upon the School Board. These notices were obeyed under protest and the Schools were kept closed until October 29th, when the work was so far forward that I was of opinion that the children might re-assemble without danger.

The work has been thoroughly carried out under Mr. Foot's supervision and the result is most satisfactory.

SANITARY WORK.

Table VI. gives details of the work done in the Sanitary Department. The appointment of two additional Sanitary Inspectors has

thrown much extra labour and responsibility upon your Medical Officer. The resulting clerical work is much more than can be dealt with by a single clerk; and though Mr. Meadway is an exceptionally good officer, and really does the work of two men, additional help in the office is urgently required.

I must apologise for the somewhat fragmentary nature of this report which has been brought out under considerable pressure, nearly three months earlier than usual. I was threatened by the Local Government Board in April that half my salary would be forfeited unless this report was sent in without delay, advance copies were therefore typewritten and forwarded as desired. Since my re-appointment under the Local Government Board it is necessary that the statistics in this report should be prepared on certain forms specified by the Board, and as I happen to prefer my own forms which have been used in my past reports for twenty years, I have been obliged to prepare the statistical portion of the report in duplicate.

So far the advantages of reappointment under the Local Government Board have been wholly on the side of the Vestry, who get the return of half my salary from the County Council. All I have to shew on my side is a good deal of extra clerical work, and the necessity of preparing this report in the busy season, instead of later in the year. Moreover I have not had the advantage of perusing the annual Summary of the Registrar General which is usually published in June, but have had to dig out comparative Metropolitan statistics from whatever source I could. However, I hopefully look forward to these matters being taken into account when my salary is reconsidered, and meanwhile I have the honour to be, Gentlemen,

Your most obedient servant,

George Paddock Bate, M.D.

Medical Officer of Health for St. Matthew, Bethnal Green.

BETHNAL GREEN SANITARY DISTRICT.

TABLE I.

Shewing the Population, Inhabited Houses, Births, Deaths, and Marriages for the year 1894, and ten years preceding.

GROSS NUMBERS.

The Year	Estimated Population	No. of Inhabited Houses.	Marriages	Registered Births.	Corrected number of Deaths.			Deaths in Public Institutions.
					Total all Ages.	Under One Year.	Under Five Years.	
1894	123,000	*	1390	4636	2642	709	1244	
1884	129,055	17,739	2581	5475	3009	862	1523	512
1885	129,055	17,739	2532	5158	2850	750	1213	534
1886	129,895	18,493	2437	5194	3040	888	1533	532
1887	129,895	18,493	2415	4989	2917	814	1412	598
1888	130,500	18,668	2282	4936	2958	770	1443	556
1889	131,000	18,454	2314	4939	2708	718	1311	561
1890	129,134	17,109	2015	4611	3199	791	1402	641
1891	129,134	17,109	1856	4998	3282	827	1449	707
1892	127,040	*	1447	4911	2984	779	1459	588
1893	123,000	*	1403	4756	3257	849	1467	722
Average of 10 years, 1884 to 1893.	128,770	*	2128	4996	3010	804	1421	595

NOTES.

1. Population at census, 1892, 129,134.
 2. Area in acres, 755.
 3. Average number of persons in each house at census, 7·5.
- * No information.

BETHNAL GREEN SANITARY DISTRICT.

TABLE II.

Showing the Annual Birth Rate, Rate of Mortality, Death Rate among Children, and Deaths in Public Institutions for the year 1894, and 10 years preceding.

YEAR.	Birth Rate per 1000 of the Population.	Annual Rate of Mortality per 1000 living	Deaths of Children under 1 year; per centage of Total Deaths.	Per centage of Deaths of Children under 1 year to Registered Births	Deaths of Children under 5 years; per centage of Total Deaths.	Total Number of Deaths in Public Institutions.
1894	37·70	21·40	26·00	15·2	47·00	570
1884	41·62	22·87	28·60	15·70	50·60	512
1885	39·96	22·08	26·31	14·54	42·56	534
1886	40·00	23·45	29·21	17·10	49·77	532
1887	38·41	22·45	27·90	16·31	48·40	598
1888	37·82	22·65	26·03	15·60	48·78	556
1889	37·70	20·67	26·51	14·10	48·40	561
1890	37·25	24·78	23·70	16·20	43·80	641
1891	38·70	25·41	25·22	16·54	44·12	707
1892	38·60	23·49	26·10	15·86	48·25	588
1893	38·60	26·47	26·00	17·70	45·00	722
Average of 10 years, 1884 to 1893.	38·86	23·43	26·55	15·96	46·96	595

BETHNAL GREEN SANITARY DISTRICT.

TABLE III.

Shewing Deaths Registered from all causes during the Year 1894.

CAUSE OF DEATH.	AGES.							DEATHS IN EACH SUB-DISTRICT.							
	0	1	5	15	25	65 and	TOTAL.	SOUTH.		EAST.		NORTH.		TOTAL DEATHS.	
	to 1	to 5	to 15	to 25	to 65	upwds.		Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.
I.—SPECIFIC FEBRILE, OR ZYMOTIC DISEASES...	126	259	56	15	31	17	504	115	39	128	39	142	41	385	119
II.—PARASITIC DISEASES ... ..	...	...	...	...	1	...	1	...	...	...	...	...	1	...	1
III.—DIETETIC DISEASES	6	...	...	1	15	1	23	2	3	1	6	3	8	6	17
IV.—CONSTITUTIONAL DISEASES	52	56	14	46	250	33	451	48	90	29	105	31	148	108	343
V.—DEVELOPMENTAL DISEASES	91	...	...	...	1	78	170	31	27	25	29	35	23	91	79
VI.—LOCAL DISEASES	268	187	50	50	415	251	1221	128	183	146	301	181	282	455	766
VII.—DEATHS FROM VIOLENCE	39	19	4	8	29	8	107	19	15	18	13	21	21	58	49
VIII.—DEATHS FROM ILL-DEFINED AND NOT SPECI- FIED CAUSES	127	14	1	1	14	8	165	32	9	39	4	70	11	141	24
TOTALS	709	535	125	121	756	396	2642	375	366	386	497	483	35	1244	1398
I.—ZYMOTIC DISEASES															
1. Miasmatic Diseases.															
Small Pox { Vaccinated ... ..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
{ Unvaccinated	1	2	1	...	...	...	4	2	1	...	...	1	...	3	1
{ No Statement ... ..	...	...	1	...	...	...	1	...	1	...	...	...	...	...	1
Chicken Pox	2	...	...	...	...	...	2	2	...	...	...	...	...	2	...

TABLE III. (Continued).

[illegible]

TABLE III. (Continued).

CAUSE OF DEATH.	AGES.							DEATHS IN EACH SUB-DISTRICT.							
								SOUTH.		EAST.		NORTH.		TOTAL DEATHS.	
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds.	TOTAL.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.
ZYMOTIC DISEASES (Continued).															
6. Septic Diseases.															
Erysipelas	4	...	...	...	3	3	10	1	1	2	2	1	3	4	6
Pyæmia, Septicæmia	1	1	4	...	5	...	11	...	2	1	4	1	3	2	9
Puerperal Fever ... ..	...	...	...	...	4	...	4	...	2	...	1	...	1	...	4
II.—PARASITIC DISEASES.															
Thrush, and other Vegetable Diseases ... ..	...	...	...	...	1	...	1	...	...	...	...	...	1	...	1
Worms, Hydatids, and other Animal Parasites ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
III.—DIETIC DISEASES															
Want of Breast Milk, Starvation	4	...	...	...	3	1	8	1	...	1	4	2	...	4	4
Scurvy	2	...	...	...	...	...	2	1	...	...	...	1	...	2	...
Chronic Alcoholism ... ..	...	...	...	1	12	...	13	...	3	...	2	...	8	...	13
Delirium Tremens ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IV.—CONSTITUTIONAL DISEASES															
Rheumatic Fever, Rheumatism of the Heart	1	...	3	...	5	...	9	...	2	1	3	...	3	1	8
Rheumatism	1	...	...	...	2	1	4	1	...	...	1	...	2	1	3
Gout ... ..	...	...	...	...	3	...	3	...	1	...	1	...	1	...	3
Rickets	2	2	...	...	...	...	4	1	...	2	...	1	...	4	...
Cancer, Malignant Disease ... ..	...	1	...	...	59	29	89	1	24	...	30	...	34	1	88
Tabes Mesenterica	36	8	...	...	...	...	44	24	...	7	...	13	...	44	...
Tubercular Meningitis, Hydrocephalus	6	20	5	1	...	...	32	9	1	7	2	10	3	26	6

TABLE III. (Continued).

CAUSE OF DEATH.	AGES.							DEATHS IN EACH SUB-DISTRICT.							
								SOUTH.		EAST.		NORTH.		TOTAL DEATHS.	
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds.	TOTAL.	Under 5	5 and Upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.
CONSTITUTIONAL DISEASES (<i>continued</i>).															
Phthisis	2	8	5	40	167	3	225	6	60	3	63	1	92	10	215
Other forms of Tuberculosis, Scrofula	4	17	1	2	5	...	29	6	1	9	1	6	6	21	8
Purpura, Hæmorrhagic Diathesis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anæmia, Chlorosis, Leucocythæmia ... ..	...	...	...	2	4	...	6	...	1	...	...	...	5	...	6
Diabetes ... ..	...	...	...	1	5	...	6	...	...	...	4	...	2	...	6
Other Constitutional Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
V.—DEVELOPMENTAL DISEASES.															
Premature Birth... ..	66	...	...	...	...	...	66	16	...	21	...	29	...	66	...
Atelectasis	14	...	...	...	...	...	14	10	...	2	...	2	...	14	...
Congenital Malformations	11	...	...	...	...	...	11	5	...	2	...	4	...	11	...
Old Age ... ..	...	...	...	...	1	78	79	...	27	...	29	...	23	...	79
VI.—LOCAL DISEASES.															
1. <i>Nervous System.</i>															
Inflammation of Brain or Membranes	24	16	9	1	8	...	58	10	2	15	11	15	5	40	18
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis ... ..	...	...	...	2	56	57	115	...	25	...	47	...	43	...	115
Insanity, General Paralysis of the Insane ... ..	...	...	1	...	18	6	25	...	1	...	19	...	5	...	25
Epilepsy	1	...	1	2	6	...	10	...	4	...	3	1	2	1	9
Convulsions	95	17	...	...	...	...	112	29	...	48	...	35	...	112	...
Laryngismus Stridulus (Spasm of Glottis)	2	...	1	...	...	...	3	...	...	1	...	1	1	2	1
Disease of Spinal Cord, Paraplegia, Paralysis Agitans ... ..	...	1	...	...	5	1	7	...	...	...	5	1	1	1	6

TABLE III. (Continued).

CAUSE OF DEATH.	AGES.								DEATHS IN EACH SUB-DISTRICT.							
									SOUTH.		EAST.		NORTH.		TOTAL DEATHS.	
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds.	TOTAL.		Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.
LOCAL DISEASES (continued).																
Other Diseases of Nervous System ... ..	...	...	1	2	1	1	5	...	1	...	3	...	1	...	...	5
2. <i>Organs of Special Sense.</i> ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. <i>Circulatory System.</i> ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pericarditis ... ..	...	...	2	3	...	...	5	...	1	...	3	...	1	...	...	5
Acute Endocarditis ... ..	...	...	...	3	...	...	3	...	...	...	2	...	1	...	...	3
Valvular Diseases of Heart ... ..	...	...	1	3	18	17	39	...	11	...	16	...	12	...	...	39
Other Diseases of Heart	1	1	10	10	49	34	105	1	30	...	35	1	38	2	...	103
Aneurism ... ..	...	...	...	...	8	...	8	...	4	...	1	...	3	...	...	8
Embolism, Thrombosis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Blood Vessels ... ..	...	...	...	...	2	...	2	...	2	...	...	...	...	...	...	2
4. <i>Respiratory System.</i> ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis... ..	...	3	...	...	...	...	3	1	...	...	...	2	...	3	...	...
Croup	2	4	1	...	...	...	7	2	...	1	1	3	...	6	...	1
Emphysema, Asthma ... ..	...	...	...	...	5	2	7	...	4	...	1	...	2	...	...	7
Bronchitis	73	48	4	3	95	93	316	32	43	32	73	57	79	121	...	195
Pneumonia	47	81	9	8	53	22	220	41	20	44	34	43	38	128	...	92
Pleurisy ... ..	...	3	...	1	2	...	6	...	2	...	1	3	...	3	...	3
Other Diseases of Respiratory System ... ..	...	...	1	...	2	...	3	...	1	...	1	...	1	...	...	3
5. <i>Digestive System.</i> ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dentition	6	1	...	...	...	...	7	3	...	1	...	3	...	7	...	...
Sore Throat, Quinsy ... ..	...	1	...	...	...	...	1	...	...	1	...	...	...	1	...	...
Diseases of Stomach ... ..	...	1	1	...	7	2	11	...	1	...	4	1	5	1	...	10

TABLE III. (Continued).

CAUSE OF DEATH.	AGES.								DEATHS IN EACH SUB-DISTRICT.							
									SOUTH.		EAST.		NORTH.		TOTAL DEATHS.	
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and Upwds.	Total.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5 upwds	5 and upwds	Under 5	5 and upwds.	
LOCAL DISEASES (continued).																
Enteritis	11	5	2	1	...	...	19	5	2	2	...	9	1	16	3
Obstructive Diseases of Intestine	3	1	...	...	9	6	19	2	3	...	4	2	8	4	15
Peritonitis	2	1	7	...	10	...	1	...	5	...	4	...	10	
Ascites	
Cirrhosis of Liver	6	...	6	...	2	...	...	...	4	...	6	
Jaundice and other Diseases of Liver	1	2	3	...	1	...	...	...	2	...	3	
Other Diseases of Digestive System	1	...	...	2	...	...	3	...	1	...	1	1	...	1	2
6 Lymphatic System.																
Disease of Lymphatics and Spleen	1	...	1	...	1	...	...	...	...	...	1	
7 Bronchocele and Addison's Disease.																
8. Urinary System.																
Nephritis	1	4	2	15	5	27	1	6	...	13	...	7	1	26	
Bright's Disease, Albuminuria	1	...	...	18	1	20	...	6	...	7	1	6	1	19	
Disease of Bladder or of Prostate	1	1	2	...	...	...	1	...	1	...	2	
Other Diseases of the Urinary System	2	1	3	...	...	...	3	...	...	...	3	
9. Reproductive System.																
(a) OF ORGANS OF GENERATION.																
Male Organs	
Female Organs	2	...	2	...	1	...	...	...	1	...	2	
(b) OF PARTURITION.																
Abortion (Miscarriage)	2	...	2	...	1	...	1	...	...	...	2	
Puerperal Convulsions	2	...	2	...	...	...	1	...	1	...	2	

TABLE III. (Continued).

CAUSE OF DEATH.	AGES								DEATHS IN EACH SUB-DISTRICT.							
									SOUTH.		EAST.		NORTH.		TOTAL DEATHS.	
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds.	TOTAL		Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.
LOCAL DISEASES (continued).																
Placenta prævia, Flooding ... ..	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...	1
Other Accidents of Childbirth ... ..	...	...	...	3	10	...	13	...	5	...	3	...	5	...	...	13
10. Bones and Joints.																
Caries, Necrosis ... ..	...	2	...	1	1	...	4	1	...	1	1	...	1	...	2	2
Arthritis, Ostitis, Periostitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Bones and Joints ... ..	...	...	...	2	2	...	4	...	1	...	...	...	3	...	...	4
11. Integumentary System.																
Carbuncle, Phlegmon ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Integumentary System ... ..	...	2	...	...	...	...	2	...	...	...	...	2	...	...	2	...
VII.—VIOLENCE. 1. Accident or Negligence.																
Fractures and Contusions	1	5	3	4	9	5	27	1	5	...	6	5	10	...	6	21
Gunshot Wounds... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cut, Stab ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Burn, Scald	1	12	1	2	4	1	21	5	3	5	2	3	3	...	13	8
Poison ... ..	...	...	...	1	2	...	3	...	1	...	2	...	...	...	...	3
Drowning ... ..	...	...	...	...	3	1	4	...	1	...	...	...	3	...	...	4
Suffocation	36	2	...	...	...	...	38	13	...	12	...	13	...	...	38	...
Otherwise ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Homicide.																
Manslaughter ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Murder	1	...	...	...	2	...	3	...	1	1	...	...	1	...	1	2

TABLE III. (Continued).

CAUSE OF DEATH.	AGES							DEATHS IN EACH SUB-DISTRICT.							
								SOUTH.		EAST.		NORTH.		TOTAL DEATHS.	
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and Upwds.	TOTAL.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.	Under 5	5 and upwds.
VIOLENCE (continued).															
3. Suicide.															
Gunshot Wounds...	1	1	...	...	...	...	...	1	...	1
Cut, Stab	2	...	2	...	2	...	...	...	...	...	2
Poison	3	...	3	...	1	...	1	...	1	...	3
Drowning	1	...	1	...	1	...	...	...	...	...	1
Hanging	3	...	3	...	...	...	2	...	1	...	3
Otherwise	1	...	...	1	...	...	...	...	...	1	...	1
VIII. ILL-DEFINED CAUSES.															
Dropsy	1	1	...	2	...	1	...	...	...	1	...	2
Debility, Atrophy, Inanition ...	124	12	1	...	3	...	140	30	3	37	1	69	...	136	4
Mortification	3	1	4	...	1	...	...	...	3	...	4
Tumour	1	...	1	...	...	...	...	...	1	...	1
Abscess	1	1	...	...	...	2	...	...	2	...	...	...	2	...
Hæmorrhage	4	1	5	...	2	...	...	...	3	...	5
Sudden Death (cause not ascertained)
Causes not Specified or Ill-defined ...	2	1	...	...	2	6	11	2	2	...	3	1	3	3	8

BETHNAL GREEN SANITARY DISTRICT.

TABLE IV.

Shewing the Mortality from certain classes of Diseases, and proportions to Population, and to 1000 deaths, 1894.

DIVISION I. (Adults).	Total Deaths	Deaths per 1000 of Population (all ages).	Proportion of Deaths to 1000 Deaths (all ages).
1. Seven Principal Zymotic Diseases	450	3·6	170·3
2. Pulmonary Diseases (<i>other than Phthisis</i>)	562	4·5	212·7
3. Tubercular Diseases	334	2·7	126·4
DIVISION II. (Infants).	Total Deaths.	Deaths per 1000 Births.	Proportion of Deaths to 1000 Deaths (of infants).
4. Wasting Diseases	194	41·8	273·6
5. Convulsive Diseases	133	28·7	187·6

NOTES.

1. Includes: Small Pox, 5; Measles, 135; Scarlet Fever, 27; Diphtheria, 133; Whooping Cough, 70; Fever, 26; and Diarrhœa, 54.
2. Includes: Pleurisy, 6; Bronchitis, 316; Pneumonia, 220; Asthma, 7; Lung Disease, 3; Laryngitis, 3; and Croup, 7.
3. Includes: Phthisis, 225; Scrofula, 29; Rickets, 4; Tabes, 44; and Tubercular Meningitis, 32.
4. Includes: Marasmus, Atrophy, Debility, 124; Want of Breast Milk, 4; Premature Birth, 66.
5. Includes: Hydrocephalus, 6; Infantile Meningitis, 24; Convulsions, 95; Teething, 6; and Laryngismus Stridulus, 2.

BETHNAL GREEN SANITARY DISTRICT.

TABLE V.

Shewing the Number of Deaths from the seven principal Zymotic Diseases, inclusive of Hospital Deaths, in the ten years 1884 to 1893 and in the year 1894.

DISEASE.	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	Annual Average of ten years, 1884-1893.	Proportion of Deaths to 1000 Deaths in ten years, 1884-1893.	1894	Proportion of Deaths to 1000 Deaths in 1894.
Small Pox	99	22	0	1	1	0	0	0	5	7	13.5	4.4	5	1.9
Measles	37	163	108	73	124	132	106	100	131	82	105.6	35.0	135	51.1
Scarlet Fever	100	62	35	61	120	40	34	29	53	71	60.5	20.1	27	10.2
Diphtheria	14	19	21	26	52	102	133	69	119	137	69.2	23.0	133	50.3
Whooping Cough	142	92	148	101	167	62	113	128	122	59	113.4	37.6	70	26.5
Fever	49	21	29	31	21	21	29	19	22	26	26.8	8.9	26	9.8
Diarrhoea	137	84	166	123	67	95	94	77	74	128	104.5	34.7	54	20.4
Total in Bethnal Green	578	463	507	416	552	452	509	422	526	510	493.5	163.7	450	170.2
Total in London ...	13,629	11,261	11,121	12,684	10,803	9,708	12,279	9,675	11,983	13,091	11,623.4			

BETHNAL GREEN SANITARY DISTRICT.

TABLE VI.

Inspector's Report of the Sanitary Work, &c., completed in the year ending December 31st, 1894.

	DISTRICTS.			TOTAL.
	1 North	2 South	3 East	
Number of Houses, Premises, &c., Inspected ...	1392	1177	1104	3673
Number of Re-inspections	3691	3774	3711	11,176
RESULTS OF INSPECTION—				
Orders issued for Sanitary Amendments of Houses and Premises	621	1265	546	2432
Houses and Premises, &c., Cleansed, Repaired and Whitewashed	364	383	251	998
Houses Disinfected after Infectious Diseases ...	390	283	358	1031
HOUSE DRAINS—				
Repaired, Cleansed, &c.	53	83	66	202
New Provided	150	32	37	219
Trapped or Ventilated	65	43	117	225
Stack Pipes and Waste Pipes Disconnected ...	49	24	106	179
PRIVIES AND WATER CLOSETS—				
Repaired, Cleansed, &c.	269	287	191	747
Supplied with Water and Water Supply Apparatus	71	91	56	218
Ventilated	6	8	7	21
WATER SUPPLY—				
Houses Provided with Water Supply	27	4	2	33
Houses Supply Disconnected from Closet Cistern ...	8	4	35	48
MISCELLANEOUS—				
Paving of Yards Repaired	178	160	168	506
Stables Paved and Drained	5	8	5	18
Removal of Accumulation of Dung, Stagnant Water, Animal and other Refuse	19	16	7	42
Number of Dust Complaints received and attended to	25	9	23	57
Offensive Effluvia Abated	3	17	30	50
Removal of Animals improperly kept	8	10	2	20
Overcrowding Abated	6	2	1	9
Illegal Occupation of Cellars discontinued ...	2	3	0	5
Bakehouses Regularly Inspected ...	42	32	38	112
Fish-Curing Premises " " ...	19	38	16	73
Licensed Cowhouses " " ...	12	12	7	31
Licensed Slaughterhouses " " ...	4	6	2	12
Courts and Alleys ... Periodically Inspected ...	41	23	18	82
Legal Proceedings under the Food and Drugs Act	1	5	9	15
No. of Food Samples obtained and submitted to the Public Analyst	30	50	45	125

LONDON COUNTY COUNCIL.

Return of Registered Common Lodging Houses within the Jurisdiction of the London County Council.
C.H. signifies Coffee House.

Register No.	NAME AND RESIDENCE OF KEEPER.					SITUATION OF COMMON LODGING HOUSE.			Authorized No. of Lodgers.	PARTICULARS OF INSPECTION AS TO FITNESS.	
	Date when registered.	Name.	No. of house.	Street or Place.	Parish.	No. of house.	Street or Place.	Sanitary District.		Ap'rov'd or not.	Date of Approval.
5549	6 Oct., 1883	James Wood	42	Church St.	Bethnal gn.	243	Brick lane.	Bethnal gn.	53	Ap'rov'd	8 Sept., 1883
5671	30 May, 1890	James F. Morton	...	Garden hse., Conference Hall	Mildmay pk.	82	Church st.	"	55	"	26 April, 1890
5457	13 June, 1888	Robert Harper	94	Virginia rd. ch.	Bethnal gn.	94	Virginia rd ch.	"	11	"	30 May, 1888
6032	21 Dec., 1889	Robert Shearwood	10	Gascoigne plc.	"	10	Gascoigne plc.	"	8	"	20 Dec., 1889
6033	11 Feb., 1890	Ernest Flowers	14	Prince of Wales terrace, Kensington Palace.	Kensington.	57	Old Nichol street.	"	64	"	1 Feb., 1890
5857	3 Oct., 1891	Willm. Hnry Bostock	16	Margaret plc.	Bethnal gn.	56	Virginia rd.	"	16	"	10 Sept., 1891
5019	10 July, 1880	James William Lane	71	Hare st., c.h.	"	71	Hare st., c.h.	"	7	"	29 June, 1880
2491	30 May, 1895	James Richards	49	Church st.	"	49	Church st.	"	5	"	15 May, 1865
6131	25 Aug., 1894	James Sharp	140	Hackney rd.	"	140	Hackney rd.	"	10	"	31 Mar. 1884
6139	25 Aug., 1894	John Perry	11	Cygnat st.	"	11	Cygnat st.	"	8	"	3 Mar., 1894
3322	12 Sept., 1887	Jane Horsford	315 late 104	Bethnal Green road.	"	315 late 104	Bethnal Green road.	"	17	"	26 Aug., 1887
5437	23 Sept., 1882	William Cook	279	Cambridgerd.	"	279	Cambridgerd. c.h.	"	21	"	8 Sept., 1882
5522	6 Dec., 1887	John Goodechild	11	Pritchard's rd	"	11	Pritchard's rd.	"	20	"	29 Nov., 1887
5818	14 Mar., 1890	Thomas Felton	345	Caledonian rd.	Islington.	398	Hackney rd.	"	35	"	24 Feb., 1890
6034	1 Oct., 1890	Henry Tunnicliffe	9	Victoria park square.	Bethnal gn.	9	Victoria park square.	"	33	"	27 Sept., 1890
6151	6 Oct., 1894	Thomas Felton	345	Caledonian rd.	Islington.	400	Hackney rd.	"	20	"	29 Sept., 1894

ST. MATTHEW, BETHNAL GREEN.

STREET LIST.

Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.	Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.
Abbey street	1	1	...	5	7	Bonner road .....	...	...	3	1	4
Abingdon street ...	1	...	1	2	4	Bonner street	1	1	...	3	5
Accidental place ...	...	...	...	...	...	Bonwell street.....	2	...	1	1	4
Ada place	2	...	...	3	5	Boreham street ...	...	1	1	3	5
Ainsley street	1	...	1	2	4	Boundary street...	...	...	1	...	1
Albert road.....	...	...	...	...	...	Bradys bldings. ...	...	...	...	...	...
Albion place .....	...	...	...	...	...	Brady street	4	3	3	4	14
Alfred place .....	...	...	...	...	...	Braemar street ...	...	...	1	5	6
Alma road	1	1	1	1	4	Bratley street.....	...	...	...	...	...
Ames place .....	...	...	...	...	...	Brick lane	1	4	12	12	29
Ames street	3	...	3	5	11	Brierley street ...	1	2	...	2	5
Andrews road .....	...	...	1	1	2	Buxton street .....	...	1	...	...	1
Angela gardens .....	...	...	...	1	1	Buckhurst street...	2	1	2	2	7
Anglesea street.....	1	1	...	3	5	Bullards place.....	...	...	...	...	...
Anns place .....	...	...	...	1	1	Bunsen street .....	...	...	...	...	...
Antill road.....	1	1	1	4	7	Burgoyne road.....	...	...	1	5	6
Approach road .....	...	...	...	3	3	Burnham square...	...	...	1	...	1
Arbery road	2	...	3	2	7	Burnside street ...	1	...	3	4	8
Archer street.....	...	...	...	...	...	Busby street .....	...	1	2	6	9
Arline street .....	...	...	...	2	2	Busby square	2	...	...	...	2
Artillery street .....	...	1	3	1	5	Butlers bldings. ...	2	...	...	...	2
Arundel street	2	2	2	6	12	Butler street .....	...	...	...	1	1
Ashwell road.....	...	2	...	...	2						
Auckland road	3	1	5	5	14	Cadell street .....	...	1	2	2	5
Austin street.....	2	...	1	5	8	Cambridge circus..	...	...	1	3	4
						Cambridge street ..	1	...	...	...	1
Bacon street.....	2	4	5	11	22	Cambridge road ...	6	2	7	24	39
Baden place .....	...	...	...	...	...	Cambridge bldgs. ...	...	...	...	1	1
Baker street .....	...	...	2	1	3	Camden street ...	...	...	2	10	12
Bakers court.....	...	1	...	...	1	Canrobert street...	1	5	6	8	20
Bandon road	2	1	...	5	8	Carlisle street.....	...	...	...	...	...
Barnet grove	1	1	3	...	5	Carlton place .....	...	...	...	2	2
Barnsley street.....	3	1	2	12	18	Carter street .....	...	...	1	...	1
Baroness road .....	...	4	1	8	13	Catherine street...	...	...	...	...	...
Bath grove.....	...	...	...	2	2	Centre street	1	1	...	1	3
Bath street .....	...	1	...	...	1	Chambord street...	...	1	2	9	12
Baxendale street ...	...	...	5	2	7	Chance street .....	...	...	...	...	...
Bedford row .....	...	...	...	...	...	Chapel street	1	1	1	2	5
Bellhaven street ...	...	...	...	1	1	Chapman gdns. ...	...	...	...	...	...
Bennetts place .....	...	...	...	...	...	Charles court .....	...	...	...	...	...
Bethnal green road	7	3	7	16	33	Charlotte court ...	...	...	...	...	...
Birkbeck street.....	1	...	1	6	8	Charlotte street ...	1	...	3	2	6
Bishops road	2	1	4	8	15	Charlotte bldgs...	...	...	1	4	5
Blythe street.....	3	3	2	4	12	Cheshire street ...	3	3	3	3	12

STREET LIST (*continued*).

Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.	Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.
Chester street .....	...	...	2	1	3	Dinmont street ...	1	...	4	1	6
Chester place .....	...	...	...	...	...	Diss street .....	...	...	2	1	3
Chilton street .....	...	3	1	3	7	Dixie street.....	1	3	4	8	16
Chisenhale road ...	1	1	5	5	12	Doveton street ...	...	...	...	1	1
Christopher street...	...	...	...	...	...	Ducal street	1	...	1	1	3
Church street	2	2	2	6	12	Durant street .....	...	1	2	4	7
Church row	2	...	...	5	7	Eastman street ...	1	1	4	4	10
Clare street	3	2	2	5	12	Ebor street .....	...	...	...	2	2
Claremont street ...	...	...	...	1	1	Eckersley street...	...	...	1	...	1
Clarkson street.....	1	2	2	5	10	Edward street.....	...	...	...	...	...
Clarence street.....	...	1	3	1	5	Edward place	1	...	1	...	2
Cleveland street ...	...	1	2	3	6	Ezra street .....	...	1	...	1	2
Club row .....	...	...	1	...	1	Elwin street.....	2	1	...	3	6
Code street.....	3	1	3	3	10	Elizabeth court ...	...	...	...	...	...
Collingwood place..	...	...	...	...	...	Ellesmere road ...	1	2	5	4	12
Collingwood street..	3	4	6	13	26	Elvidge court .....	...	...	...	...	...
Colliers court.....	...	...	...	1	1	Emma street	1	...	...	2	3
Collins place.....	1	2	7	8	18	Entick street	1	...	...	...	1
Columbia square ...	...	1	...	2	3	Ernest place .....	...	...	1	3	4
Columbia road	4	2	4	11	21	Faith street.....	1	2	1	1	5
Conyer street	2	...	...	1	3	Falcon buildings...	1	...	...	...	1
Cooper's gardens ...	1	1	...	2	4	Felix street	2	2	1	8	13
Cordova road.....	1	1	...	5	7	Fellbrigg street ...	...	...	2	6	8
Corfield street	6	8	5	19	38	Finnis street	3	2	3	10	18
Cottage place	1	...	1	1	3	Fleet street hill ...	...	...	...	1	1
Coventry street.....	2	3	4	8	17	Flint court	1	...	...	...	1
Coventry place .....	...	...	...	1	1	Florida street	1	2	2	5	10
Cranbrook street ...	5	5	3	13	26	Foster street .....	...	...	...	5	5
Cranbrook road.....	...	...	...	...	...	Foundry yard .....	...	...	...	...	...
Craven buildings ...	...	...	...	3	3	Fountain court ...	...	1	...	...	1
Crescent place .....	...	2	3	7	12	Fournier street ...	1	...	...	1	2
Cross street .....	...	...	...	...	...	Fox street .....	...	...	...	...	...
Crossland square ...	1	...	...	...	1	Fuller street	3	4	6	4	17
Cudworth street ...	2	...	2	3	7	Gales gardens	1	1	2	8	12
Cymon street .....	...	...	3	1	4	Garden place .....	...	...	...	...	...
Cyprus street.....	...	1	4	5	10	Gardners road.....	1	...	...	3	4
Dagnall place .....	...	...	1	1	2	Garden row .....	...	...	...	...	...
Daniel street.....	...	2	...	2	4	Gascoyne place ...	...	...	1	1	2
Darling row .....	...	...	1	...	1	Gawber street.....	1	2	1	1	5
Davis place .....	...	...	1	...	1	Gays buildings ...	...	...	...	...	...
Delta street .....	...	1	2	...	3	Georges place .....	...	...	...	...	...
Derbyshire street...	2	2	2	8	14	Georges terrace ...	...	...	...	...	...
Derby place .....	...	...	...	...	...	Georgina gardens..	...	...	...	1	1
Devonshire place ...	...	...	...	...	...	George gardens ...	3	2	7	10	22
Devonshire street...	...	...	...	...	...	Gernon road .....	...	...	...	2	2
Digby street .....	...	3	2	3	8						
Digby walk	1	...	...	2	3						

STREET LIST (*continued*).

Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.	Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.
Gibraltar place.....	...	...	...	...	...	Hunslett street ...	2	...	...	4	6
Gibraltar gardens...	1	1	...	...	2	Huntingdon bldgs.	...	2	...	3	5
Gibraltar walk .....	...	1	4	9	14	Inkhorn yard .....	...	...	...	...	...
Gibraltar buildings.	...	...	...	...	...	Ion square	2	1	4	2	2
Gillman street .....	...	...	...	...	...	Iviney street .....	...	...	...	1	1
Glass street .....	...	...	...	...	...	Jacobs place .....	...	...	...	...	...
Globe road.....	1	2	6	7	16	Jacobs street .....	...	1	1	...	2
Gloster street	1	1	1	8	11	James street	2	...	2	3	7
Gloster gardens.....	...	...	...	...	...	James court.....	...	...	...	...	...
Godfreys place .....	...	...	...	...	...	James place.....	...	...	...	...	...
Gore road	1	...	1	2	4	Jane street .....	...	1	...	3	4
Gossett street	3	1	4	8	16	Jersey street	1	1	1	9	12
Granby row .....	...	...	...	3	3	Jubilee place .....	...	...	1	...	1
Granby street	3	...	5	7	15	Kay street .....	...	...	4	2	6
Granby place .....	...	...	...	...	...	Kelsey street .....	...	...	...	...	...
Green street	3	2	2	14	21	Kenilworth road...	...	1	2	4	7
Grt. Eastern bldgs.	1	...	1	2	4	Kerbela street.....	2	6	1	6	15
Grove street	1	...	...	5	6	Key street	1	1	...	2	4
Grove road.....	2	2	5	10	19	Key court .....	...	...	...	...	...
Guinness buildings..	6	1	6	9	22	Kings place .....	...	...	...	...	...
Hackney road	4	2	9	13	28	Knottisford street..	...	2	1	2	5
Hague street	1	1	...	2	4	Lansdell place ...	1	...	1	...	2
Hague place .....	...	...	...	...	...	Lark row .....	...	...	...	2	2
Hague buildings ...	...	...	1	1	2	Lawfranc road ...	1	...	...	2	3
Half Nichol street..	2	...	...	6	8	Letchford place ...	...	...	...	...	...
Hammonds gdns. ...	...	...	...	...	...	Lenham buildings.	...	...	...	...	...
Hamilton road	4	3	3	7	17	Leopold buildings.	2	...	2	5	9
Hare row .....	...	...	1	...	1	Lessada street.....	...	...	4	5	9
Hare marsh .....	...	...	...	...	...	Linden buildings...	...	3	3	1	7
Hare street	5	3	5	9	22	Lisbon street	1	1	1	2	5
Hare court.....	1	1	1	...	3	Little Collingwood street .....	...	...	...	...	...
Harrold street .....	...	1	...	3	4	Little York street.	1	...	...	1	2
Hartley street	2	...	3	8	13	London street.....	...	2	1	1	4
Harts lane	1	2	2	6	11	Lucas street .....	...	...	1	3	4
Hassard street	1	1	2	9	13	Lyte street	3	...	1	1	5
Hassard place .....	...	...	...	...	...	Mace street	3	...	7	2	12
Havelock place.....	2	2	...	...	4	Maidstone place ...	...	...	...	...	...
Helens place .....	...	...	...	...	...	Manchester bldgs..	...	...	...	...	...
Henrietta street ...	...	...	1	1	2	Manchester place..	...	...	...	...	...
Hereford street.....	...	...	2	5	7	Mansford street ...	2	3	6	18	29
Hereford buildings..	...	...	...	...	...	Mape street.....	...	1	3	5	9
Hersee place.....	1	...	1	4	6						
Hill street	1	...	...	2	3						
Hollybush gardens..	1	2	1	2	6						
Hollybush place ...	...	...	...	...	...	
Horatio street .....	...	...	...	1	1						
Horts yard.....	...	...	...	...	...	

STREET LIST (*continued*).

Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.	Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.
Margaret place.....	...	...	1	4	5	Old Ford road.....	10	3	12	21	46
Marian street .....	...	1	2	2	5	Old Nichol street..	...	1	2	4	7
Marian place.....	...	...	...	...	...	Olga street	1	1	2	2	6
Marion square	1	4	2	3	10	Orange street	1	2	1	4	8
Martha court.....	...	...	...	...	...	Orange court .....	...	...	...	...	...
Matilda street	1	1	...	5	7	Oval .....	...	...	...	2	2
Mead street .....	...	...	1	...	1						
Medhurst road	1	...	3	5	9	Palestine place ...	...	...	1	1	2
Medway road .....	...	1	1	...	2	Palm street	2	1	3	1	7
Melina place.....	...	...	...	...	...	Palmers road .....	...	...	...	...	...
Menotti street .....	...	5	2	1	8	Paradise row .....	...	...	...	...	...
Middleton street ...	1	1	1	6	9	Park street	1	...	1	3	5
Minerva street .....	...	1	3	5	9	Park place .....	...	...	...	...	...
Minto street .....	...	1	...	1	2	Parliament place..	...	...	...	...	...
Miring place .....	...	...	...	...	...	Parliament street..	...	...	...	...	...
Monkford place ...	...	...	...	...	...	Parmiter street ...	...	2	...	1	3
Morpeth street .....	...	2	3	3	8	Patriot square.....	1	2	1	2	6
Morpeth road .....	...	...	1	...	1	Peacock street.....	...	...	...	4	4
Moss street	2	1	1	9	13	Peacock place.....	...	...	...	2	2
Mount street.....	1	1	...	3	5	Pedley street .....	...	...	1	7	8
Mount square .....	...	...	...	...	...	Peel grove .....	...	...	...	...	...
Mowlem street	1	...	1	2	4	Pereira street	1	...	5	4	10
Museum buildings..	...	...	3	2	5	Peter street.....	1	1	2	2	6
						Pitt street.....	...	3	1	6	10
Nant street	1	1	...	...	2	Pollard row	2	1	3	12	17
Neath place .....	...	...	1	3	4	Pollard street .....	...	1	...	3	4
Nelson street.....	...	...	1	2	4	Pott street	1	2	4	1	8
Nelson place.....	...	...	3	...	3	Poyser street	2	1	3	4	10
New Castle street...	...	...	1	...	1	Preston street.....	...	...	2	4	6
New Church street.	...	...	...	1	1	Primrose street ...	1	...	...	1	2
New Nichol street...	...	1	4	2	7	Princes court .....	...	...	2	10	12
New Turville place.	...	...	...	...	...	Princess place.....	...	...	...	...	...
New Tyssen street..	...	1	3	3	7	Prichards road ...	1	...	1	7	9
New square .....	...	1	...	...	1	Prospect terrace...	...	...	...	1	1
New street.....	...	...	...	...	...	Providence place...	...	1	...	1	2
Newling street	1	...	2	...	3	Punderson gardens	2	2	2	2	8
Nichols row .....	...	1	2	...	3						
Norah street .....	...	2	1	7	10	Queen street .....	...	...	...	1	1
North passage	1	...	1	1	3	Queens buildings..	...	...	2	2	4
North place .....	...	...	2	2	4	Queen Caroline					
Northampton street	...	2	3	5	10	place .....	...	...	...	1	1
Nottingham street..	...	1	1	2	4	Quilter street	2	5	7	10	24
Norton street	1	2	1	...	4	Quinns square.....	3	1	4	10	18
Octagon street	2	...	2	1	5	Ramsey street.....	...	1	1	3	5
Old Bethnal Green						Ravenscroft street.	...	...	2	6	8
road.....	...	...	3	8	11	Reform square ...	...	...	...	...	...
						Rappleby place.....	...	...	...	...	...

STREET LIST (*continued*).

Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.	Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.
Reuben street .....	...	...	2	...	2	Surat place	2	...	1	2	5
Riders court .....	...	...	...	...	...	SweetApple square .....	...	...	1	...	1
Robert street.....	...	...	1	2	3	Sidney street .....	...	1	1	...	2
Robinson road .....	...	...	...	...	...	Tagg street	1	2	2	3	8
Roman road	1	...	2	8	11	Tapp street ... ..	...	...	...	2	2
Ropley street	1	...	...	...	1	Tavistock street .....	...	...	1	...	1
Royal Victor place..	...	...	...	...	...	Teale street .....	...	...	1	...	1
Royston street	1	1	4	11	17	Teesdale street ...	...	...	5	9	14
Russia lane .....	...	...	5	7	12	Temple street .....	...	1	2	3	6
Sale street	2	3	5	3	13	Tent street	1	1	1	5	8
Sarah street .....	...	...	...	...	...	Theydon road .....	...	...	1	2	3
Satchwell rents.....	...	...	...	4	4	Thomas passage...	1	1	...	...	2
Satchwell street ...	...	1	3	2	6	Thomas place .....	...	...	...	1	1
School place .....	...	...	...	...	...	Thorold street.....	1	2	3	6	12
Sclater street.....	...	1	2	5	8	Three Colts corner	...	...	1	...	1
Scott street	3	2	1	2	8	Three Colts lane...	1	1	2	3	7
Seabright street ...	3	3	3	7	16	do. Waterlow dwellings	...	...	...	...	...
Seabright gardens...	...	...	...	...	...	Thurlow place.....	...	...	...	1	1
Selby street	5	3	4	3	15	Totty street.....	1	...	...	1	2
Sewardstone road...	2	...	7	11	20	Toye's buildings...	5	2	1	4	12
Shacklewell street..	...	...	...	1	1	Treadway street...	1	1	3	7	12
Sheep lane.....	...	...	1	...	1	Trinity ground ...	1	...	...	4	5
Sheldon place .....	...	1	...	1	2	Turin street.....	1	1	4	9	15
Sherwood place.....	...	1	...	1	2	Turville street.....	...	2	3	1	6
Shipton street	1	1	3	4	9	Turville buildings.	...	...	...	...	...
Short street ... ..	...	...	...	...	...	Turville square ...	...	...	...	...	...
Swan street .....	...	...	...	...	...	Tuscan street	1	...	1	1	3
Smart street	1	...	...	1	2	Type street .....	...	...	5	3	8
Smith's place .....	...	...	1	2	3	Tyrrell street	2	...	1	2	5
Southampton place	...	...	...	1	1	Usk street	1	1	2	4	8
Southampton cotgs.	...	...	...	...	...	Valley place .....	...	...	...	...	...
Southampton ter....	...	...	...	...	...	Viaduct street.....	5	1	1	2	9
Southborough place	...	...	...	...	...	Viaduct place.....	...	...	...	...	...
Spencer passage ...	...	...	...	...	...	Victoria street.....	...	...	...	...	...
Squirries street.....	1	...	1	3	5	Victoria place.....	...	...	...	...	...
St. Andrew street...	...	...	2	1	3	Victoria park sqre.	...	...	...	1	1
St. James road .....	...	...	...	...	...	Violet street .....	...	...	1	...	1
St. John street	3	...	1	3	7	Violet row .....	...	...	...	2	2
St. Jude street .....	...	1	3	6	10	Virginia road	3	3	10	10	26
St. Matthias place..	...	...	...	...	...	Vivian road.....	1	...	...	4	5
St. Peter square ...	...	...	2	...	2	Wadeson street ...	1	...	3	6	10
St. Peter street.....	...	1	...	...	1	Walsby place .....	...	...	...	...	...
Stainsbury street...	1	...	1	1	3	Walter street	1	...	2	1	4
Strahan road.....	1	1	6	2	10						
Stroud place .....	...	...	...	...	...	
Sugarloaf walk.....	1	...	...	...	1						
Summerford street..	1	1	2	5	9						

STREET LIST (*continued*).

Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.	Name of Street.	Zymotic Diseases.	Tubercular Diseases.	Respiratory Diseases.	General Diseases.	Total.
Warner place	1	4	2	5	12	Wimbolt street ...	1	...	...	3	4
Warley street .....	...	1	2	9	12	Winchester place..	...	...	1	1	2
Waterloo place.....	...	...	...	...	...	Winchester crsnt..	1	1	...	...	2
Waterloo terrace ...	...	...	1	...	1	Winchester street..	6	3	1	4	14
Waterloo road .....	...	...	...	1	1	do. dwellings	...	...	...	...	...
Weaver street .....	...	1	...	6	7	Wolverly street ...	2	1	2	5	10
Weldon street .....	...	...	...	...	...	Wood street.....	...	...	1	...	1
Wellington row.....	...	3	1	12	16	Woods Close	2	...	...	...	2
Wellington place ...	...	...	1	2	3	York street .....	...	...	...	1	1
Wennington road ...	2	2	2	1	7	York place .....	...	...	...	...	...
Wharf road .....	...	...	2	2	4	Bethnall H. Asylum	...	...	1	3	4
Wharnccliffe street..	...	...	...	5	5	Mildmay Hospital	...	1	2	1	4
White street	4	3	2	12	21	Militia Barracks. .	...	...	...	...	...
Whites court.....	...	...	1	...	1	Regents Canal ...	...	...	...	1	1
Whitechapel road...	...	...	...	...	...	Victoria Park Hos.	...	2	...	2	4
William place .....	...	...	...	...	...	Workhouse	5	5	13	49	72
Willow walk	1	...	2	3	6						
Wilmot street	3	3	3	9	18						

