

[Report of the Medical Officer of Health for Stepney].

Contributors

Stepney (London, England). Metropolitan Borough.
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Publication/Creation

[1918?]

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ANNUAL REPORT

OF THE

Medical Officer of Health and Public Analyst

FOR THE

Metropolitan Borough of Stepney.

1917.



REPORT

OF THE

MEDICAL OFFICER OF HEALTH AND PUBLIC ANALYST

FOR THE YEAR 1917.

To the Mayor, Aldermen and Councillors of the

METROPOLITAN BOROUGH OF STEPNEY.

LADIES AND GENTLEMEN,

I have much pleasure in submitting to you my seventeenth Annual Report, which deals with the Vital and Sanitary Statistics of the Borough of Stepney for the year 1917.

Population.

The estimated population for the calculation of the death-rate is 232,010, and for the birth-rate 258,626.

The former is an estimate of the civilian population; the latter of the total population based on the assumption that the ratio between the total and the civilian population is the same in the Borough, as in England and Wales.

Births.

The total number of births during the year was 5,625, or 1,496 less than in the previous year. 2,836 were males and 2,789 were females.

The birth-rate was 21·7 per 1,000 of the population.

The birth-rate, although the lowest on record, is yet above that of London as a whole which was 17·5 per 1,000 in 1917.

It may be of interest to give the figures in the Borough of Stepney for the last few years :—

In 1912 the births were 8,579 and the birth-rate was 30·9 per 1,000.

In 1913 the births were 8,165 and the birth-rate was 29·6 per 1,000.

In 1914 the births were 7,983 and the birth-rate was 29·2 per 1,000.

In 1915 the births were 7,506 and the birth-rate was 28·2 per 1,000.

In 1916 the births were 7,121 and the birth-rate was 25·3 per 1,000.

In 1917 the births were 5,625 and the birth-rate was 21·7 per 1,000.

Deaths.

After deducting the deaths of non-residents who died in the Borough, and adding those of residents who died in outlying institutions, the total number was 3,908—2,225 males, and 1,683 females, or 113 more than in the previous year.

The death-rate was 16·8 per 1,000, while that of London was 15 per 1,000 of the population.

Notifiable Diseases.

5,991 notifications were received; this number includes 1,304 notifications of diseases of a tubercular nature. 1,622 were removed to various fever hospitals and infirmaries.

In addition to the above, 8 soldiers and 1 naval man were notified to be suffering from Infectious Diseases, viz.:—1 from Scarlet Fever, 1 from Enteric Fever, 6 from Diphtheria, and 1 from Erysipelas.

1,109 notified cases belonged to Limehouse.

1,039 notified cases belonged to St. George's.

2,210 notified cases belonged to Mile End.

1,633 notified cases belonged to Whitechapel.

Wrong Diagnosis.

125 cases of Infectious Disease were removed to Hospitals of the Metropolitan Asylums Board which were subsequently returned home in consequence of the patients being found not to be suffering from the diseases stated on the certificates or any other notifiable disease.

44 of the cases were notified by private practitioners, 70 from the London Hospital, and 11 from other Public Institutions.

This number referred to 38 cases of Scarlet Fever, 78 of Diphtheria, 7 of Enteric Fever, 1 of Cerebro-spinal Meningitis, and 1 of Continued Fever.

Scarlet Fever.

356 cases were notified during the year, or 305 less than in the previous year; 354 were removed to Fever Hospitals.

The death-rate was ·02 per 1,000, and that for the whole of London was also ·02 per 1,000.

Diphtheria and Membranous Croup.

630 cases were notified, or 220 less than in the previous year; 629 were removed to Fever Hospitals.

The death-rate for the whole Borough was ·25 per 1,000, while that of the whole of London was ·14 per 1,000 of the population.



Enteric Fever.

38 cases were notified during the year, or 6 more than in the previous year.

11 occurred in the Limehouse District, with 2 deaths ;

5 occurred in St. George-in-the-East, with no deaths ;

18 occurred in Mile End Old Town, with one death ;

4 occurred in the Whitechapel District, with no deaths.

The death-rate was $\cdot 01$ per 1,000 ; the death-rate for the whole of London was $\cdot 02$ per 1,000.

Puerperal Fever.

16 cases were notified, or 6 more than in the previous year ; 7 proved fatal.

Erysipelas.

193 cases were notified, or 51 less than in the previous year ; 6 died, three deaths being those of children under one year of age.

Ophthalmia Neonatorum.

31 cases were notified, or 11 less than in the previous year. 11 occurred in the Limehouse District, 5 in St. George's, 13 in Mile End, and 2 in the Whitechapel District.

Poliomyelitis.

4 cases were notified, or 8 less than in the previous year.

Cerebro-Spinal Fever.

14 cases were notified, or 20 less than in the previous year. 6 occurred in the Limehouse District, 3 in St. George's, 4 in Mile End, and 1 in the Whitechapel District.

Measles.

3,403 cases were notified during the year, or 1,148 more than in the previous year. 2,125 were children under 5 years of age, and 188 of these were under 1 year of age.

593 occurred in the Limehouse District, with 44 deaths.

575 occurred in St. George-in-the-East, with 19 deaths.

1,228 occurred in Mile End Old Town, with 17 deaths.

1,007 occurred in the Whitechapel District, with 23 deaths.

The death-rate of the whole Borough was $\cdot 44$ per 1,000, while that for the whole of London was $\cdot 48$ per 1,000 of the population.

The deaths from Measles are still high, and have been for several years.

In 1906 the number was 171.
 In 1907 the number was 155.
 In 1908 the number was 264.
 In 1909 the number was 236.
 In 1910 the number was 93.
 In 1911 the number was 291.
 In 1912 the number was 172.
 In 1913 the number was 95.
 In 1914 the number was 174.
 In 1915 the number was 113.
 In 1916 the number was 63.
 In 1917 the number was 103.

Whooping Cough.

The number of deaths from Whooping Cough was 30, or 39 less than in the previous year.

15 belonged to the Limehouse District ;
 3 to St. George's ;
 8 to Mile End ; and
 4 to the Whitechapel District.

The death-rate was $\cdot 12$ per 1,000, while that for the whole of London was $\cdot 13$ per 1,000.

Summer Diarrhoea.

The number of deaths was 167, or 7 less than in the previous year. 118 were those of children under one year of age ; 55 belonged to the Limehouse District ; 46 to St. George's ; 49 to Mile End ; and 17 to the Whitechapel District.

The death-rate for the whole Borough was $\cdot 68$ per 1,000 of the population.

Zymotic Diseases.

The total deaths from diseases of a Zymotic character numbered 376, or 36 more than in the previous year. It includes deaths from Measles, Scarlet Fever, Whooping Cough, Diphtheria, Enteric Fever, Puerperal Fever and Diarrhoea.

137 belonged to the Limehouse District ;
 79 to St. George's ;
 103 to Mile End Old Town ; and
 57 to the Whitechapel District.

The number of deaths from these diseases is greater in the Limehouse District than in any other part of the Borough, and it is accounted for partly by the fact that Whooping Cough was more prevalent, and that Measles was apparently more fatal

than in the rest of the Districts. For instance, the number notified in St. George's was nearly the same, but the deaths from Measles were more than twice the number in the Limehouse District than in St. George's. In Mile End the number of children notified to be suffering from Measles was more than twice that in Limehouse, but the number of deaths was nearly three times as much in the latter district than in Mile End. The same remark applies to Diphtheria, although not to the same extent, the fatality of the disease was greater in the Limehouse District than in the rest of the Borough.

Phthisis.

1,069 new cases were notified, or 108 more than in the previous year :—

	Notifications.				Deaths.
Limehouse ...	...	...	...	199	108
St. George's ...	...	...	...	206	82
Mile End Old Town ...	...	...	...	406	162
Whitechapel ...	...	...	...	258	155

Number of deaths from Consumption from 1901 to 1917 :—

	Limehouse District.	St. George's.	Mile End.	Whitechapel.	Whole Borough.
1901	123	186	107	208	626
1902	130	105	168	173	576
1903	123	122	189	193	627
1904	143	119	229	198	689
1905	98	117	171	187	573
1906	116	94	178	138	526
1907	98	90	141	153	482
1908	98	79	154	103	494
1909	93	102	146	180	521
1910	74	80	146	110	410
1911	109	69	177	126	481
1912	74	77	149	133	433
1913	98	55	137	140	430
1914	90	53	162	149	454
1915	118	74	176	131	499
1916	95	69	146	165	475
1917	108	82	162	154	507

Other Forms of Tuberculosis.

235 new cases were notified, or 25 less than in the previous year :—

	Notifications.				Deaths.
Limehouse...	...	...	...	67	23
St. George's ...	...	...	...	56	26
Mile End Old Town ...	...	...	...	73	39
Whitechapel ...	...	...	...	39	25

Deaths from Diseases of a Tubercular nature, other than Phthisis, from 1901 to 1917:—

	Limehouse District.	St. George's.	Mile End.	Whitechapel.	Whole Borough.
1901	60	73	54	52	239
1902	43	49	89	52	233
1903	52	37	61	45	195
1904	44	35	61	34	174
1905	42	29	53	35	159
1906	57	47	53	57	214
1907	51	50	59	42	202
1908	38	40	64	25	167
1909	37	41	40	26	144
1910	33	26	43	35	137
1911	40	40	59	27	166
1912	29	15	39	22	105
1913	33	32	39	21	125
1914	52	24	50	26	152
1915	30	24	43	21	118
1916	21	21	28	19	89
1917	23	26	39	25	113

Diseases of the Respiratory Organs.

There were 872 deaths due to diseases of the respiratory organs or 76 more than in the previous year; 186 belonged to the Limehouse District, 155 to St. George's, 298 to Mile End and 233 to the Whitechapel District.

Infantile Mortality.

580 infants died under one year of age or 76 less than in the previous year.

149 belonged to the Limehouse District, or at the rate of 118 per 1,000 births.

139 belonged to the St. George's District, or at the rate of 139 per 1,000 births.

200 belonged to the Mile End Old Town, or at the rate of 85 per 1,000 births.

92 belonged to the Whitechapel District, or at the rate of 90 per 1,000 births.

The infantile mortality for the whole Borough was 103 per 1,000 births, while that for the whole of London was 103 per 1,000 births.

This is the lowest infantile mortality for the Borough of Stepney, and it is the first time that it has been as low as that for London as the whole.

During the year 1917, considerable progress has been made with regard to the work done in connection with Infant Welfare.

This is due to the appointment of two additional Municipal Health Visitors in the early part of the year, and also to the increased activities of the various Infant Welfare Agencies working in the Borough.

Except where it is obviously unnecessary, all births are visited on the tenth day, or as soon after as possible, and the mother is advised to attend a Welfare Centre.

Birth Cards for these infants are then sent to six of the nine Societies for the purpose of subsequent visiting.

If mothers fail to attend the Infant Welfare Centres, the birth cards are returned for supervision and subsequent visiting by the Municipal Health Visitor.

Monthly, weekly or even daily visits are paid where urgently necessary.

Uniformity of method in the distribution of cards is maintained and records are kept.

A notable step forward is the interest taken by various Societies in Antenatal Welfare Work ; classes and clinics for this purpose have been opened at most of the Centres.

It is interesting to note that in spite of trying conditions and increased strain, etc., during the past year, breast feeding has been fairly well maintained, and though supplementary feeding with Nestle's Milk and other artificial foods has been resorted to, often at an early date, natural feeding has fortunately, not been entirely given up.

Visits for 1917 by Health Visitors.

Limehouse—

Births	...	...	...	...	821
Revisits	...	...	...	...	2,127
Total	...	...	...	...	<u>2,948</u>

Mile End—

Births	...	...	...	...	2,022
Revisits	...	...	...	...	771
Total	...	...	...	...	<u>2,793</u>

Whitechapel—

Births	...	...	...	...	1,040
Revisits	...	...	...	...	875
Total	...	...	...	...	1,915 (9 months)

St. George's—

Births	...	...	...	...	1,241
Revisits	...	...	...	...	579
Total	...	...	...	...	1,820 (8 months)
Total Births	...	...	...	...	5,124
Total Revisits	...	...	...	...	4,352
Total	...	...	...	...	9,476

Unsound Food Destroyed during the Year.

The following foodstuffs were condemned under the Unsound Food Series and the Public Health (Foreign Meat) Regulations, 1908, as unfit for human consumption, but were utilised for trade purposes.

I.—At the Wharves.

						Tons.	cwts.	qrs.	lbs.
Meat	...	...	3,650 Bales of Bacon	...	...	365	0	0	0
Preserved Meats		55,673	Tins of Beef	...	...	49	3	0	3
		2,588	" Mutton	...	...	6	18	3	8
		9,616	" Rabbits	...	...	8	10	2	12
		380	" Ox Tongues	...	...	—	11	2	9
Preserved Fish	...	22,971	Tins of Crayfish	...	...	9	5	2	16
		426	" Herrings	...	...	—	1	3	17
		33,023	" Salmon	...	...	16	18	3	17
		100	" Sardines	...	...	—	—	—	25
Fresh Fruit and Vegetables		6,490	Crates of Bananas	...	...	188	7	0	0
		16	Cases of Onions	...	...	1	0	0	0
			Potatoes	...	...	361	10	1	0
		58	Bundles of Tomatoes	...	...	2	9	0	0
Preserved Fruits and Vegetables		1,770	Tins of Assorted Fruits	...	...	1	19	2	24
		5,192	" Fruit Pulp	...	...	19	3	2	0
		74,526	" Pineapples	...	...	56	19	0	20
		5,054	" Tomatoes	...	...	12	1	3	2
Dried Fruits	...	1,948	Bags of Figs	...	...	46	5	0	0
			Carried forward...	...	...	1,146	6	0	13

Unsound Food Destroyed during the Year—*continued.*

I.—At the Wharves.

			Tons.	cwts.	qrs.	lbs.
	Brought forward...	...	1,146	6	0	13
Sundries	...	9,870 Tins of Assorted Canned Goods	8	16	1	26
	1,029 Cheeses	...	5	6	3	2
	21 Bags of Cocoa (in bean)	...	1	8	0	12
	770 „ „ Powder	...	48	1	3	0
	25 Boxes of Dessicated Cocoanut	...	1	9	0	2
	176 Tins of Chicken	...	—	3	0	16
	136 Bags of Quaker Oats...	...	6	5	3	0
	41 Tins of Soup	...	—	—	1	13
	39 Bags of Rice	...	3	18	0	0
Total			1,221	15	2	0

II.—Diseased Meat and Offal destroyed, from the Slaughter-houses and Offal Dealers :—

			Tons.	cwts.	qrs.	lbs.
66	Sheeps' Carcases and Organs	...	1	6	1	17
37	Calves' „ „	...	1	7	1	8
5	Forequarters of Mutton	...	—	—	2	18
2	„ Veal	...	—	—	—	26
2	„ Beef	...	—	2	1	18
1	Hindquarter of Veal	...	—	—	1	2
31	Bullocks' Heads	...	—	7	2	6
22	Cows' Udders	...	—	2	1	19
309	Sets of Sheeps' Lungs	...	—	6	1	11
161	„ Bullocks' „	...	—	13	3	24
12	„ Calves' „	...	—	—	1	17
296	Sheeps' Livers	...	—	6	2	9
18	Bullocks' „	...	—	2	3	5
15	Calves' „	...	—	—	1	20
Total			4	17	3	4

General Sanitary Work.

36,036 houses were inspected, 2,758 being the result of house to house inspections.

8,076 intimation notices were served for the abatement of various nuisances as well as 4,221 statutory notices.

It was necessary to take police court proceedings against the owners or persons causing the nuisance in 19 cases.

39,169 revisits were made by the Inspectors to supervise the abatement of the nuisances complained of.

4,218 drains were tested with smoke or water, and 209 were re-tested ; 1,321 drains were either constructed or re-constructed, cleansed or repaired, and 293 were trapped.

100 new soil pipes were fixed and ventilated; 505 new closet pans and traps were fixed; 1,419 closets were either cleansed or repaired or provided with additional light and ventilation; 1,241 water-closets were provided with proper flushing apparatus.

987 yards, forecourts and areas were paved or repaired.

Notices were served to provide 782 sanitary dust receptacles, and 12 manure receptacles; 589 offensive accumulations were removed from the rear of dwelling houses.

74 houses were ventilated under the lower floor.

17 underground rooms, which were illegally occupied, were discontinued from being used as such.

23 notices were served for the abatement of smoke nuisances.

329 visits were made to bakehouses.

2,858 notices were served to have houses cleansed; water supply was re-instated to 110 houses.

156 sink, bath or rain-water pipes, which were communicating directly with the drain, were disconnected.

5,735 miscellaneous repairs to roofs, floors, gutters, &c., were made as the result of notices served.

59 rooms were provided with additional light and ventilation, and the damp walls of 512 rooms were remedied.

There are 741 houses registered as houses let in lodgings, and 972 visits were made under the bye-laws.

Overcrowding.—12,159 inspections were made for the purpose of detecting overcrowding. 188 rooms were found to be overcrowded. Police Court proceedings were taken in one instance.

The number of registered milkshops at the end of 1917 was 456, and 1,973 visits were made to inspect the condition of the premises, milk receptacles, &c.

Ice cream was manufactured at 96 premises and 212 visits were made to them.

163 verminous persons were cleansed and their clothing disinfected, and 1,280 verminous premises were dealt with during the year.

Disinfection.—27,758 articles were disinfected at the Disinfecting Station during the year.

2,082 rooms were fumigated and the bedding, etc., removed to be disinfected by steam; 1,414 rooms were disinfected because of infectious diseases, 615 as a result of pulmonary tuberculosis, and 53 rooms were verminous. In addition to these, scabies occurred in 789 families and their bedding was taken away and disinfected with steam.

SANITARY INSPECTORS' REPORT.

	WRACK.	COOK.	MILLS.	SHEPHERD.	WHITE.	FLINT.	STILES.	TWATTS.	PAVITT.	CROOK.	SIMPSON.	JOHNSON.	QUAINTELL.	WATERMAN.	TOTALS.
Number of Inspections—															
House to house	288	152	96	111	126	369	336	322	303	108	144	82	102	219	2758
Miscellaneous	1462	2536	1719	1922	1368	1941	1671	1764	1645	910	1822	1717	1149	1607	23253
Complaints	309	393	288	128	102	186	180	205	423	289	194	81	122	82	2982
Infectious diseases	250	532	570	195	312	249	293	622	393	471	371	419	226	310	5213
Visits to Cases of Consumption	86	162	98	40	184	216	210	146	102	159	108	114	89	116	1830
Intimations served	355	468	494	516	495	530	901	458	780	510	961	761	400	447	8076
Statutory notices served	127	253	462	170	267	203	388	442	558	345	678	104	49	75	4221
Houses re-visited	2487	2708	2455	2511	2378	2514	3199	3046	3193	2467	4162	3716	1370	2963	39169
Summonses taken out under the Public Health (London) Act, 1891	..	..	4	..	1	2	2	2	6	..	..	..	..	2	19
Samples taken under the Food & Drugs Acts ..	70	73	85	66	75	82	86	100	100	99	100	72	38	77	1123
Summonses " " " " ..	..	3	3	5	1	4	3	2	13	8	2	4	1	7	56
Houses or parts of houses cleansed	111	241	145	220	184	225	251	175	149	105	344	268	213	227	2858
Water supply to houses re-instated	3	3	2	5	6	1	2	31	5	9	7	2	8	26	110
Drains constructed and reconstructed	16	17	5	6	4	12	4	62	14	8	7	13	21	14	203
„ cleansed and repaired	66	58	31	70	58	56	97	50	147	60	127	154	89	56	1119
„ trapped	30	58	29	5	26	16	8	75	14	6	11	5	5	5	293
New soil pipes fixed and ventilated	10	23	5	2	2	3	1	4	4	15	5	13	2	11	100
New closet pans and traps fixed	27	52	23	20	40	21	12	80	28	40	48	64	30	20	505
Closets provided with a water supply and flushing apparatus	44	104	117	78	30	80	122	91	66	45	154	151	63	96	1241
Closets provided with light and ventilation ..	2	3	7	3	2	..	..	10	4	10	..	37	1	12	91
„ cleansed and repaired	100	107	134	50	32	70	165	41	43	100	177	133	90	86	1328
Yards cleansed, repaved, or paving repaired ..	35	73	36	43	38	81	41	100	82	58	97	59	82	25	850
Wash-houses, forecourts, areas, &c., paved ..	16	11	3	..	25	3	..	19	4	3	6	36	8	3	137
Sanitary dust receptacles provided	7	27	23	30	15	36	39	84	134	27	138	102	60	60	782
Sink, bath, and lavatory pipes and rain-water pipes disconnected	17	15	8	..	2	2	..	32	2	11	12	24	7	24	156
Houses ventilated under lower floor	..	4	..	..	8	12	..	36	4	1	3	..	5	1	74
Miscellaneous repairs, viz.: roofs, floors, gutters, &c.	191	373	352	2	280	386	965	348	455	205	551	787	400	440	5735
Overcrowding in dwellings abated	4	28	12	20	22	10	51	3	4	12	11	2	8	..	184
Illegal occupation of underground rooms discontinued	..	2	4	..	..	3	..	4	1	3	..	..	..	..	17
Manure receptacles provided or reconstructed ..	..	3	..	1	..	..	..	2	1	..	2	3	..	..	12
Offensive accumulations removed	132	54	120	140	7	10	17	7	7	7	14	13	50	11	589
Bakehouses inspected	22	22	30	20	12	26	30	..	10	28	24	60	..	45	329
„ cleansed	22	22	30	20	12	26	30	..	10	16	24	11	..	12	235
Smoke nuisances abated	1	2	..	..	7	2	4	3	1	..	3	..	..	..	23
Animals kept so as to constitute a nuisance, removed	1	17	9	8	2	3	10	2	6	4	5	..	..	2	69
Damp walls remedied	13	15	55	6	25	16	72	49	49	33	14	81	35	49	512
Cisterns cleansed and covered	1	3	3	4	4	2	..	1	..	8	1	3	..	4	34
Urinals fixed	..	2	1	..	..	..	..	2	..	..	1	..	..	..	6
Open fires in yards abolished	..	4	..	3	..	2	..	..	..	..	..	..	..	..	9
Canal Boats inspected	..	..	..	..	..	..	..	..	..	..	..	43	..	..	43
Areas and stables paved and drained	..	7	..	..	..	..	..	2	..	..	..	2	2	..	13
Occupation of shed as dwelling discontinued ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Light and ventilation provided to rooms ..	..	..	..	2	..	2	..	4	3	3	..	..	6	39	59



The Mortuary.

The number of bodies deposited in the Mortuary during the year was 500, 444 being removed by the Coroner for the purpose of holding inquests. 50 post mortem examinations were made; 52 bodies were deposited in the Jewish part of the Mortuary, but 17 only were officially "watched."

Factories and Workshops.

The total number of workshops on the Register was 3,192; but this does not include factories, workplaces and out-workers' premises.

4,692 inspections were made to factories, workshops and workplaces, and revealed defects, which necessitated the service of 756 written notices. 46 of the notices, referred to factories, 689 to workshops including workshop laundries, and 21 to workplaces other than out-workers' premises.

Cleanliness.—315 notices were served to cleanse workshops.

Ventilation.—The ventilation of 16 workshops was improved.

Overcrowding.—Overcrowding was abated in 15 workshops.

Sanitary Accommodation.—The sanitary accommodation was improved in 152 workshops by providing additional and suitable water-closets.

65 other nuisances were remedied in workshops.

Table showing the number of milk premises, ice cream premises, etc., together with the number of inspections made to them.

PREMISES.	NUMBER OF PLACES.				Number of inspections.	Number of notices.	Number of prosecutions.
	No. on register at end of 1916.	No. added in 1917.	No. removed in 1917.	No. on register at end of 1917.			
Milk premises	477	8	29	456	1,793	67	...
Cowsheds	28	...	...	28	65	2	...
Slaughter houses	4	...	...	4	13	...	...
Other offensive trade premises ...	6	...	...	6	24	2	...
Ice cream premises	144	...	48	96	212	19	...
Registered houses let in lodgings...	761	...	20	741	972	(a)60 (b)423	(a).. (b)...

(a) For overcrowding.

(b) For other conditions.

Total number of Intimations served <i>for all purposes</i>	...	...	...	8,076
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Overcrowding—

Number of Inspections	...	...	...	...	...	...	...	12,159
Number of dwelling rooms overcrowded	...	...	...	...	...	...	...	188
Number of Notices served (Intimations)	...	...	...	...	...	...	...	190
(Statutory Notices)	...	...	...	...	...	...	...	72
Number remedied	...	...	...	...	...	...	...	188
Number of Prosecutions	...	...	...	...	...	...	...	1

Underground Rooms—

Illegal occupation dealt with during the year	...	...	...	...	16
Number of rooms closed	...	...	...	...	8

Insanitary Houses—

Number closed under the Public Health (London) Act, 1891	...	...	—
Number closed under the Housing and Town Planning Act	...	...	—

London County Council (General Powers) Act, 1903—Part 8.—

Number of Prosecutions for breach of bye-laws as to conveyance of dead horses through the street	...	...	...	...	...	—
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London County Council (General Powers) Act, 1904.—

Number of verminous rooms cleansed (Section 20)	...	...	...	1,280
Number of filthy articles purified (Section 19)	...	...	...	67
Number of sanitary conveniences altered (Section 22)	...	...	...	—
Number of sanitary conveniences removed (Section 22)	...	...	...	—
Number of fixed ashpits removed (Section 23)	...	...	...	2

London County Council (General Powers) Act, 1907.—

Number of tenement houses dealt with as regards water supply (Section 73)	—
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Shelters provided under Section 60 (4) of the Public Health (London) Act, 1891—

Number of persons accommodated during the year	...	...	...	—
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Places where food is prepared for sale—

Number on Register	...	...	...	...	...	...	...	429
Number of Inspections	...	...	...	...	...	...	...	1,477
Number of Notices served (Intimations)	...	...	...	...	...	...	...	89
(Statutory Notices)	...	...	...	...	...	...	...	22

Revenue Acts—

Number of houses for which applications were received during the year	1				
Number of tenements comprised therein	...	...	...	...	9
Number of tenements for which certificates were granted	...	...	9		

Number of Prosecutions under Bye-laws under Public Health (London) Act, 1891—

(a) For prevention of nuisance arising from snow, ice, salt, filth, etc.	—
(b) For prevention of nuisance arising from offensive matter running out of any manufactory, etc.	—
(c) For the prevention of keeping animals in such a manner as to be injurious to health... ..	—
(d) As to paving of yards, etc., of dwelling houses	—
(e) In connection with the removal of offensive matter, etc.	3
(f) As to cesspools and privies, removal and disposal of refuse, etc. ...	—
(g) For securing the cleanliness of tanks, cisterns, etc.	—
(h) With respect to water-closets, earth-closets, etc.	—
(i) With respect to sufficiency of water supply to water closets ...	—
(j) With respect to drainage, etc. (Metropolis Management Act, Section 202)... ..	—
(k) With respect to deposit of plans as to drainage, etc. (Metropolis Management Acts Amendments (Bye-laws) Act, 1899... ..	—

House to House—

Inspections	2,858
Defects	1,952
Intimations	1,930
Statutory Notices	733

Mortuaries—

Total number of bodies removed	500
Total number of infectious bodies removed	—

TOTAL FINES AND COSTS.

	Fines.			Costs.		
	£	s.	d.	£	s.	d.
Under the Public Health (London) Act for various nuisances	25	6	0	20	11	0
Margarine Act	91	19	0	9	11	0
For Obstruction... ..	20	0	0	—		
London County Council (General Powers) Act, 1904	2	0	0	1	1	0
London County Council (General Powers) Act, 1908	1	0	0	1	0	0
Food and Drugs Act	185	2	0	32	15	0
Total	325	7	0	64	18	0

FACTORIES, WORKSHOPS, LAUNDRIES AND WORKPLACES.
1.—INSPECTIONS.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (Including Factory Laundries)	1,050	46	..
Workshops (Including Workshop Laundries)	3,678	689	..
Workplaces (Other than Outworkers' premises)	140	21	..
Totals	4,692	756	..

2.— DEFECTS FOUND.

Particulars. (1)	Number of Defects			Number of Prosecu- tions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	315	315	..	..
Want of ventilation	16	16	..	..
Overcrowding	15	15	..	..
Want of drainage of floors	..	..	..	..
Other nuisances	50	50	..	..
Sanitary Accommodation {	insufficient	112	112	..
	unsuitable or defective	143	143	..
	not separate for sexes	12	12	..
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bake- house (S. 101)	..	..	..	..
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	42	42	..	..
Other offences (Excluding offences relating to outwork which are included in Part 3 of this report.)	63	63	..	..
Totals	768	768	..	..

* Including those specified in Sections 2, 3, 7 and 8, of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

3.—HOME WORK.

NATURE OF WORK.	OUTWORKERS' LISTS. SECTION 107.									OUTWORK IN UN- WHOLESOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS 109, 110.		
	Lists Received from Employers.						Notices served on Occupiers as to keeping or sending lists.	Prosecutions.		Instances.	Notices served.	Prosecutions.	Instances.	Orders made (S. 110).	Prosecutions (Sections 109, 110).
	Twice in the Year.			Once in the Year.				Failing to keep or per- mit inspec- tion of Lists.	Failing to send Lists.						
	Lists.	Outworkers.		Lists.	Outworkers.										
		Con- tractors.	Work- men.		Con- tractors.	Work- men.									
Wearing Apparel— (1) Making. &c. (2) Cleaning and Washing Household linen Lace, lace curtains and nets Curtains and furniture hangings Furniture and upholstery Electro plate File making. Brass and brass articles Fur pulling (Furriers) Cables and chains Anchors and grapnels Cart gear Locks, latches and keys Umbrellas, &c. Artificial flowers Nets, other than wire nets Tents Sacks Racquet and tennis balls Paper, etc., boxes, paper bags Brush making Pea picking Feather sorting Carding, &c., of buttons, &c. Stuffed toys Basket making Chocolates and sweetmeats Cosaques, Christmas crackers, Christmas stockings, &c. Textile weaving TOTAL	94 1 1 1 8 ..<														

STATE OF NEW YORK

IN SENATE

January 1, 1891

REPORT

OF THE

COMMISSIONERS OF THE LAND OFFICE

IN RESPONSE TO A RESOLUTION PASSED BY THE SENATE

ON JANUARY 1, 1890

ALBANY: PUBLISHED BY THE STATE OF NEW YORK, 1891.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (S. 151) at the end of the year 1917. (1)	Number. (2)
Bakehouses	168
Boot, Shoe and Slipper Making	152
Cabinet Making	95
Furriers	124
Hat and Cap Manufacturers	89
Miscellaneous	460
Laundries	14
Rag Sorting, etc... .. .	73
Wearing Apparel (Tailors, Milliners, Dressmakers, etc., etc.)	2,017
Total	3,192

5.—OTHER MATTERS.

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Acts (S. 133, 1901)	8
Underground Bakehouses (S. 101) :—	
Certificates granted during the year	
In use at the end of the year	56

Public Analyst's Annual Report.

During the year 1,123 samples were submitted by the Inspectors of the Department for examination under the Sale of Food and Drugs Acts, consisting of :—
 739 Milks, 1 Skimmed Milk, 188 Butters, 1 Milk-blended Butter, 20 Margarines
 4 Cheeses, 3 Lards, 18 Cocoas, 1 Cocoa Essence, 31 Coffees, 1 Chicory, 12 Mustards,
 41 Peppers, 12 Vinegars, 1 Ground Ginger, 3 Baking Powders, 7 Flours, 1 Oatmeal,
 28 Jams, 1 Saffron, 2 Aspirin Tablets, 1 Camphorated Oil, 3 Seidlitz Powders, 4 Soda
 Mints.

120 Samples or 10·6 per cent. were found to be adulterated. These consist of :—
 92 Milks, 14 Butters, 2 Coffees, 1 Mustard, 6 Vinegars, 2 Aspirin Tablets, 2 Seidlitz,
 Powders, 1 Soda Mint.

Proceedings were taken in 46 cases.

Total fines secured on the prosecutions £185 2s.

Total costs allowed £32 15s.

The average fine on the prosecutions was £4 0s. 6d.

There were in addition 9 prosecutions for infringements of the Margarine Acts, resulting in £91 19s. fines, and £9 11s. costs.

SUNDAY SAMPLES.

106 Samples were taken on 17 Sundays, 98 Milks and 8 Butters. Of these 15 Milks and 3 Butters, or 17·0 per cent. were adulterated, and 7 prosecutions resulted.

UNOFFICIAL SAMPLES.

242 Samples purchased informally by the Inspectors were examined, consisting of :—17 Milks, 202 Butters, 1 Margarine, 1 Pepper, 6 Breads, 3 Flours, 1 Tea, 7 Soda Mints, 4 Seidlitz Powders. Of these 74 Samples, or 30·6 per cent., were adulterated, consisting of :—6 Milks, 61 Butters, 4 Soda Mints, 3 Seidlitz Powders.

5 Samples of Butter were examined for the general Public and found genuine.

PRESERVATIVES.

All Samples of Milk and Butter were tested for Preservatives.

1 Sample of Milk contained Formalin and 18 Samples of Butter contained small quantities of Boron preservative.

1 Milk was artificially coloured.

FOOD ORDERS.

The following Samples were submitted under the various Food Orders :—1 Bun, 3 Scones, 15 Cakes, 2 Biscuits, 1 Pastry, 2 Teas.

There were 13 contraventions.

In addition to the samples already enumerated, 37 miscellaneous Samples were examined for the Public Health Department.

The amount of adulteration of official Samples in the various District was as follows :—

District.	Samples Examined.			Per cent. of Adulteration.
Whitechapel	...	...	294	11·2
St. George's	...	...	243	7·0
Limehouse ...	...	...	187	13·4
Mile End ...	...	...	399	11·3

RESULT OF INSPECTORS' WORK UNDER THE SALE OF FOOD AND
DRUGS ACTS, MARGARINE ACTS, &c., DURING THE YEAR.

INSPECTOR.	Samples taken.	Number Adulterated.	Number of Prosecutions.	Fines Secured.	Costs Allowed.	Cases of refusing to sell, obstruction, &c., and offences under the Margarine Acts.		
						No of Cases.	Fines.	Costs.
				£ s. d.	£ s. d.		£ s. d.	£ s. d.
J. W. Johnson ...	72	5	4	5 1 0	2 2 0	...	...	...
H. Quaintrell ...	38	6	1	...	...	...	...	...
R. H. Waterman	77	14	7	3 0 0	5 9 0	...	...	...
J. Twaits ...	100	5	1	...	...	1	...	1 3 0
G. O. Pavitt ...	100	18	10	115 1 0	5 5 0	3	43 0 0	1 1 0
E. T. Crook ...	99	15	8	15 0 0	7 7 0	...	...	...
R. Simpson ...	100	8	2	2 0 0	1 1 0	...	...	...
A. W. Stiles ...	86	7	3	...	1 1 0	...	...	...
J. White ...	75	4	1	20 0 0	1 1 0	...	...	...
E. W. Flint ...	82	6	3	6 0 0	2 2 0	1	1 0 0	1 1 0
T. P. Wrack ...	70	2	0	...	...	...	...	...
H. Mills ...	85	8	1	5 0 0	1 1 0	2	55 0 0	2 2 0
A. Cook ...	73	12	2	7 0 0	3 3 0	1	5 0 0	2 2 0
W. Shepherd ...	66	10	3	7 0 0	3 3 0	2	7 19 0	2 2 0
Total ...	1,123	120	46	185 2 0	32 15 0	10	111 19 0	9 11 0

Infant Mortality.

1917.

BOROUGH OF STEPNEY.

Nett Deaths from stated Causes at various Ages under
One Year of Age.

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year
All Causes.	Certified	..	..	116	21	22	17	176	97	124	91	92	580
	Uncertified	..	..	..	..	..	..	..	..	..	..	..	..
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	2	4	8	14
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	1	..	1
Whooping Cough	..	..	..	..	..	..	..	..	1	2	3	3	9
Diphtheria and Croup	..	..	..	..	..	..	..	..	..	3	1	5	9
Erysipelas	..	..	..	..	..	..	1	1	1	1	..	..	3
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	2	4	4	10
Abdominal Tuberculosis	..	..	..	..	..	..	..	..	..	..	..	1	1
Other Tuberculous Diseases	..	..	..	1	..	..	..	1	..	3	..	5	9
Meningitis (<i>not Tuberculous</i>)	..	..	..	..	..	..	..	..	..	1	2	1	4
Convulsions	..	..	..	6	3	..	2	11	9	9	5	3	37
Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis	..	..	..	..	1	3	..	4	15	7	1	1	28
Pneumonia (all forms)	..	..	..	2	1	..	..	3	2	12	24	23	64
Diarrhoea	..	..	..	1	1	3	1	6	21	35	33	23	118
Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis	..	..	..	..	..	..	..	..	..	..	..	..	..
Syphilis	..	..	..	..	..	2	1	3	6	5	..	..	14
Rickets	..	..	..	..	..	..	..	..	..	2	..	..	2
Suffocation, overlying	..	..	..	2	1	..	2	5	6	3	1	1	16
Injury at Birth	..	..	..	14	..	..	..	14	..	..	..	..	14
Atelectasis	..	..	..	15	1	2	1	19	1	..	..	..	20
Congenital Malformations	..	..	..	7	..	1	..	8	4	1	..	..	13
Premature Birth	..	..	..	60	7	5	5	77	..	..	..	..	77
Atrophy, Debility and Marasmus	..	..	..	6	3	6	2	17	29	29	11	5	91
Other causes	..	..	..	2	3	..	2	7	2	5	1	9	24
Ant. Poliomyelitis	..	..	..	..	..	..	..	..	..	1	..	..	1
Cerebro Spinal Meningitis	..	..	..	..	..	..	..	..	..	1	..	..	1
TOTALS				116	21	22	17	176	97	124	91	92	580

Cases of Infectious Disease notified during the Year 1917.

Metropolitan Borough of Stepney.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH LOCALITY.				Total cases removed to Hospital.
	At all Ages.	At Ages—Years. *							1.	2.	3.	4.	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	Lime-house.	St. George's.	Mile End.	White-chapel.	
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup) ..	630	42	279	259	37	12	1	..	120	103	241	166	629
Erysipelas	193	12	22	26	11	45	58	19	41	30	65	57	32
Scarlet Fever	356	7	133	202	11	3	..	..	54	54	152	96	354
Typhus Fever	1	..	..	..	..	..	1	..	..	1	..	..	1
Enteric Fever	38	..	4	17	2	13	2	..	11	5	18	4	35
Relapsing Fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	16	..	..	1	4	11	..	..	5	1	8	2	15
Cerebro-spinal Meningitis ..	14	3	4	3	2	2	..	..	6	3	4	1	13
Poliomyelitis	4	1	1	2	..	..	..	..	2	..	1	1	4
Ophthalmia Neonatorum ..	31	31	..	..	..	..	..	..	11	5	13	2	2
Pulmonary Tuberculosis ..	1069	3	14	126	242	514	152	18	199	206	406	258	376
Other forms of Tuberculosis ..	235	7	51	128	31	13	4	1	67	56	73	39	63
Measles and German Measles ..	3403	188	1937	1208	54	14	2	..	593	575	1228	1007	97
Anthrax	1	..	..	..	..	..	1	..	..	..	1	..	1
Totals	5991	294	2445	1972	394	627	221	38	1109	1039	2210	1633	1622



Causes of, and Ages at Death during the year 1917.

Metropolitan Borough of Stepney.

CAUSES OF DEATH.					NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT.								
					All ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.
All causes	{ Certified	..	..	..	3,908	580	238	189	130	171	582	992	1,026
	{ Uncertified	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	..	..	..	..	3	..	..	..	..	..	1	2	..
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	103	14	45	43	1	..	..	..	..
Scarlet Fever	..	..	..	..	6	1	1	4	..	..	..	..	..
Whooping Cough.. .. .	..	..	..	..	30	9	12	8	1	..	..	..	..
Diphtheria and Croup	..	..	..	..	60	9	12	27	12	..	..	..	..
Influenza	..	..	..	..	31	..	..	..	1	..	6	9	15
Erysipelas	..	..	..	..	6	3	..	..	..	..	..	2	1
Phthisis (pulmonary tuberculosis)	..	..	..	..	507	1	1	1	17	78	223	154	32
Tuberculous Meningitis	..	..	..	..	66	10	15	17	16	3	5	..	..
Other Tuberculous Diseases	..	..	..	..	47	9	2	6	12	9	2	2	5
Cancer, malignant disease	..	..	..	..	235	..	..	..	2	2	32	141	58
Rheumatic Fever.. .. .	..	..	..	..	3	..	..	..	..	..	2	1	..
Meningitis.. .. .	..	..	..	..	5	2	1	..	..	2	..	..	..
Organic Heart Disease	..	..	..	..	424	..	..	..	9	13	60	136	206
Bronchitis	..	..	..	..	406	28	14	2	1	1	18	126	216
Pneumonia (all forms)	..	..	..	..	428	64	72	38	15	10	53	113	63
Other diseases of respiratory organs	..	..	..	..	38	5	..	..	..	5	11	5	12
Diarrhoea and Enteritis	..	..	..	..	167	118	31	6	1	..	3	3	5
Appendicitis and Typhlitis	..	..	..	..	15	..	..	1	4	2	4	3	1
Cirrhosis of Liver	..	..	..	..	16	..	..	1	..	..	1	8	6
Alcoholism	..	..	..	..	..	..	..	..	..	..	..	..	..
Nephritis and Bright's Disease.. .. .	..	..	..	..	119	..	2	6	..	3	16	66	26
Puerperal Fever	..	..	..	..	7	..	..	..	..	1	6	..	..
Other accidents and diseases of Pregnancy and Parturition	..	..	..	..	20	14	..	..	..	3	3	..	..
Congenital Debility and Malformation, including Premature Birth	..	..	..	..	241	241	..	..	..	..	..	..	..
Violent Deaths, excluding Suicide	..	..	..	..	192	24	9	12	22	12	25	44	44
Suicide	..	..	..	..	7	..	..	..	..	..	4	2	1
Other Defined Diseases	..	..	..	..	677	20	12	13	15	18	102	166	331
Diseases ill-defined or unknown.. .. .	..	..	..	..	49	8	9	4	1	9	5	9	4
TOTALS	..	..	..	..	3,908	580	238	189	130	171	582	992	1,026
Sub-entries included { in above figures	Cerebro-spinal meningitis	..	..	..	5	2	1	..	..	2	..	..	..



I have again to express my indebtedness to the Sanitary Inspectors and Clerical Staff—including the temporary clerical staff—for the manner in which they have assisted me in carrying out the duties of their office.

I have the honour to be,

MR. MAYOR, LADIES AND GENTLEMEN,

Your obedient Servant,

D. L. THOMAS.

Medical Officer of Health and Public Analyst.

PUBLIC HEALTH OFFICES,

43, WHITE HORSE STREET,

COMMERCIAL ROAD, E. 1.

July, 1918.

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