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Metropolitan Borough of Stepney.

## ANNUAL REPORT

UPON THE

## PUBLIC HEALTH

AND

Sanitary Condition of the Hamlet of Mile End Old Town,

FOR THE YEAR 1900,

BY

THOMAS TAYLOR,

MEDICAL OFFICER OF HEALTH.

LONDON:

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## THE ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

FOR THE

HAMLET OF MILE END OLD TOWN,

For the Year 1900.

## To the Mayor, Aldermen & Councillors of the Metropolitan Borough of Stepney.

GENTLEMEN-

I beg to present to you my Annual Report of the Health of Mile End Old Town for the year 1900, and in doing so I must claim your indulgence for so short a report, as my health has been indifferent for some time past and am now far from well.

## Vital Statistics.

The population of Mile End Old Town in the middle of 1900, estimated on the same basis as last year, is 119,521, and it is on these figures that the calculations in this report are based.

## Births.

The number of births was 4273, giving a birth rate of 35.7.

## Deaths and Death Rate.

The number of deaths from all causes during the past year was 2311, giving a death rate of 19'3, that of the Metropolis being 18'2 for the same period.

## Zymotic Diseases.

## Scarlet Fever.

The number of cases of this disease notified was 331, and the number of deaths 6.

## Diphtheria.

The cases of diphtheria notified was 286, and the number of deaths 33.

## Typhoid Fever.

113 cases were notified, out of which number 19 died.

In all the above cases the houses where they occurred were visited and precautions taken to prevent the spread of the disease.

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Tree condition at all ages

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TABLE 1.

## MILE END OLD TOWN.

(FOR WHOLE DISTRICT.)

	Population	Bir	THS.		IS UNDER AR OF AGE.		TALL AGES.	DEATHS IN	Deaths of Non-	Deaths of		T ALL AGES.
YEAR.	estimated to Middle of each Year.	Number.	Rate.*	Number.	Rate per 1,000 Births Registered.	Number.	Rate.*	PUBLIC INSTITU- TIONS.	residents registered in District.	Residents registered beyond District.	Number.	Rate.*
-1	2	3	4	5	6	7	8	9	10	11	12	13
1890	116751	4006	35°I	956	238.6	2252	19*2	244	65	309	2496	20'0
1891	107565	4109	38.2	666	162'0	2067	18.3	612	70	292	2289	21.5
1892	107811	4035	38.2	641	158.8	2242	20'7	397	75	322	2489	23.0
1893	108006	4186	38.7	665	158.8	2174	20'0	454	99	355	2430	22.8
1894	108242	4022	39'5	658	163.6	1945	17.9	737	76	413	2206	21.1
1895	108443	4205	38.9	763	181.4	2176	20'0	782	134	394	2436	22.5
1896	111226	4297	37.8	732	170.3	1998	17.9	708	133	387	2252	19.9
1897	111883	4255	38.0	643	151.1	1815	16.3	698	105	375	2085	18.7
1898	112538	4275	37'9	730	170'7	2349	20.8	795	105	398	2642	23.4
1899	117559	4261	36.5	690	161.9	2115	18.1	776	108	339	2346	20.3
Averages for years 1890—1899.	111002	4165	37.8	714	171'7	2113	18.9	620	97	358	2367	21'2
1900	119521	4273	35'7	713	166.8	1998	16.4	810	91	404	2311	19.3

<sup>\*</sup> Rates calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water)-681.

Total population at all ages ... 107565

Number of inhabited houses ... 14674

Average number of persons per house ... 7

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TABLE II.

Cases of Infectious Disease notified during the year.

		CASES	NOTIFIE	D IN WH	OLE DIST	RICT.		То	TAL CASE	s NOTIFE	ED IN EAG	CH LOCAL	ITY.	No. of	CASES RE	MOVED TO	HOSPITA	LS FROM	EACH LOC	ALITY.
Notifiable Disease.	At all			At Ager	-Years.			Mile End Infirmary.	London Hospital.	Children's Hospital.	Bartholomew's Hospital.	Eastern South Eastern, and North Eastern Hospitals.	Hospital for Sick Children.	Mile End Old Town,	Mile End Infirmary.	London Hospital.	Children's Hospital.	Batholomew's Hospital.	Eastern, South Eastern, and North Eastern Hospitals.	Hospital for Sick Children.
	Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards	Mile	London	Chik	St. Barth Hos	Eastern S tern, an Eastern	Hosp Sick C	Mile F To	Mile	London	Chill	St. Bath Hos	Eastern, ar Eastern	Hosp Sick C
Small-pox	I				I									I						
Cholera																				
Diphtheria	286	3	75	58	13	II		1	99	21		3	2	79	I	86	21		3	2
Membranous Croup	7		6	I										3						
Erysipelas	180	4	7	12	18	89	10	9	30	I										
Scarlet Fever	331	2	71	131	26	3		2	59	10	2	25		138	2	52	10	2	25	
Typhus Fever								-												
Enteric Fever	113		7	26	20	33		4	21	I	I			45	4	19	I	1		
Relapsing Fever																				
Continued Fever																				
Puerperal Fever	6				3	2			I					2						
Plague																				
Totals	923	9	166	228	81	138	10	16	210	33	3	28	2	268	7	157	32	3	28	2

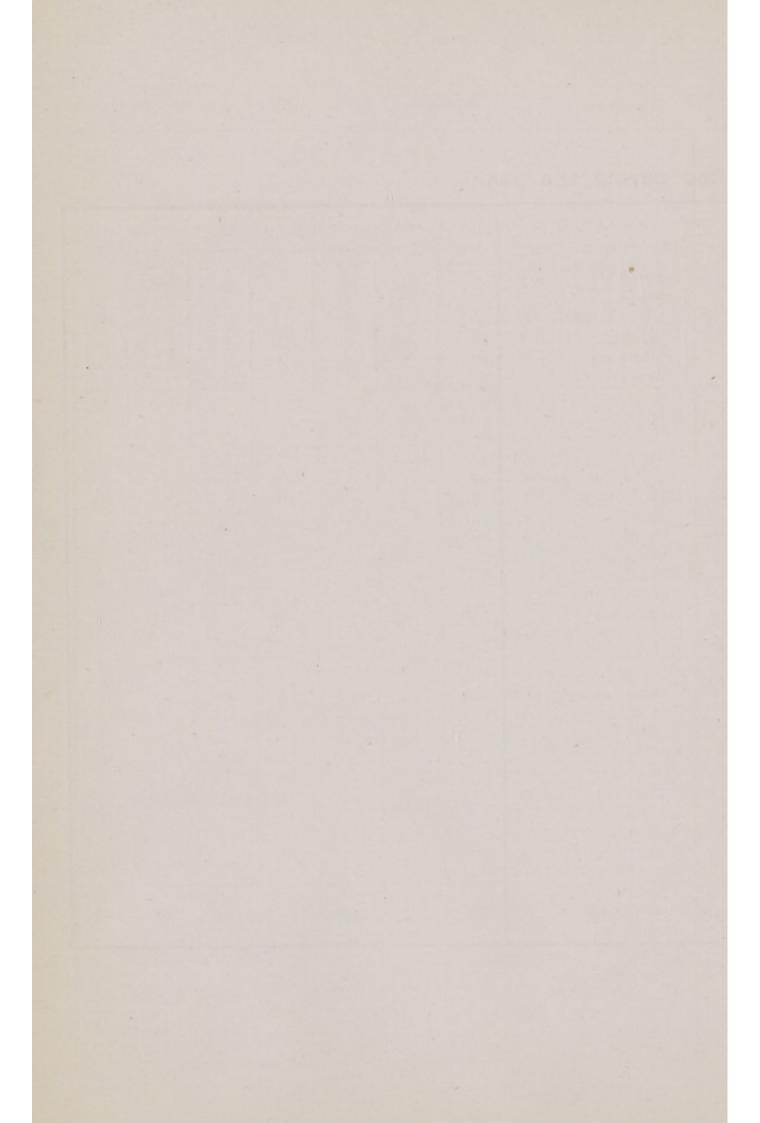


TABLE III.

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

CAUCEC OF DEATH		DE.			HOLE			AT	Deaths in Public
CAUSES OF DEATH.		All ages.	Under	r and under 5	5 and under 15	15 and under 25	25 and under 65	65 and up- wards	Institu- tions.
	T								
Small Pox									
Measles		44	14	28	2				2
Scarlet Fever		6		4	2				6
Whooping-cough		8	7	I		***	***		
Diphtheria and Membrane	ous								
croup		34	5	21	7		I		25
Croup									
Fever:—		10000		10.00					
Typhus				100	200			Special	
Entania		19			6	6	7		10
041							/		
					122	***			
Epidemic influenza				***	***				
Cholera									
Plague									
Diarrhœa		96	73	12	I		9	I	9
Enteritis		53	44	5			3	I	3
Puerperal fever									
Erysipelas		2	I				I		I
Other septic diseases									
Phthisis		192	7	15	7	20	136	7	27
Other tubercular diseases									
Cancer, malignant disease									
Bronchitis		563	115	89	13	II	214	121	68
Dagumania		505	-	-9	-3				
Dlaurian									
Other diseases of Respirat	ory								
organs				***				***	
Alcoholism, Cirrhosis of li	ver								
Venereal diseases									
Premature birth		1000000							
Diseases and accidents of p	ar-							9830	
turition									
Heart diseases		75	3	4	4	4	37	23	21
Accidents									
Suicides		1000							
Rheumatic fever		2			I		2		
All other causes		1216		105	44	40	356	236	
			155		-17		-	-	
all causes		2311	704	284	87	81	766	389	

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### TABLE 4.

### TABLE 4-continued.

RETURNS OF MORTALITY IN THE HAMLET OF MILE END OLD TOWN, FOR 1900.

Including the Deaths occurring in the Workhouse Infirmary and excluding the Deaths in the Jewish Home, Stepney Green; Moses Alms Houses, Devonshire Street; Trinity Alms Houses; City of London Union; The East End Mothers Home; and South Grove Workhouse.

Deaths of Parishioners of Mile End Old Town which occurred in Public Institu-tions outside the Hamlet, such as Hos-pitals, Asylums, etc.

Total Deaths from all causes.

DISEAS	ES.			air a		AG	ES.					AG	ES.			iai		AG	ES.		
				0	1 5	5	15 25	25 65	65 90	0	5	5	15 25	25 65	65 90	0	1 5	5 15	15 25	25 65	65 90
Smallpox																					
Scarlatina											4	2					4	2			
Diphtheria				I	6	I				4	14	6		I		5	20	7		I	***
Membranous Croup					I												I				***
Typhus Fever																					
Enteric or Typhoid I	ever					3	I	3				3	5	4				6	6	7	
Continued Fever																					
Relapsing do.												***									
Puerperal do.																					
Gastro Enteritis				41	3			3	I	3	2					44	5			3	I
Erysipelas				I										I		I				I	
Measles				14	26	2					2					14	28	2			
Whooping Cough				7	I											7	I				
Diarrhœa and Dysen	tery			68	8	I		9	I	5	4					73	12	I		9	I
Rheumatic Fever						I		2										I		2	
Ague																					
Phthisis				6	7	6	18	122	6	I	8	I	2	14	I	7	15	7	20	136	7
Bronchitis, Pneumor	ia and	l Pleuri	isy	100	71	12	II	186	115	15	18	I		28	6	115	89	13	II	214	121
Heart Disease				2	2	2		27	21	I	2	2	4	10	2	3	4	4	4	37	23
Injuries																					
All other Diseases				395	80	23	19	258		40	25	21	21	98	23	435	105	44	40	356	
				635	205	51	49	610		69	79	36	32	156	32	704	284	87	81	766	389

## Sanitary Work

CARRIED OUT DURING THE YEAR.

From the table compiled by the Inspectors it will be seen that a large amount of very useful work has been accomplished, and knowing the various details of the work, I can honestly say that the Inspectors, all three of them, have taken the keenest interest in their work, and the three districts (into which the Hamlet is divided for sanitary purposes) will be found to compare more than favourably with any in London.

### Unsound Food.

During the year a number of seizures of unsound food have been made, consisting of tinned goods in each case. It had come to our knowledge that a certain dealer in manure had been allowed to remove tinned foods as refuse from certain wholesale dealers, and strong suspicion was entertained that some of the tins were finding their way elsewhere than to the rubbish heap. On April 23rd a cart belonging to the manure dealer in question was observed and followed to a jam factory at No. 12, Old Church Road, in the occupation of Messrs. White and Bayer. Your Inspector, Mr. Twaits, after allowing a short time to elapse, made an unexpected visit to the factory, and there found blown tins of fruit being manufactured into "pure home made jam."

He was enabled to seize a large quantity, which were removed and condemned. The next day, accompanied by the Inspector, I visited the premises of the manure dealer, Worsfold, who admitted that Bayer had offered to do the best he could with the stuff.

Both Bayer and Worsfold were summoned, each being fined £20 and costs.

During the month of June a seizure of tinned milk, sardines, etc., was made at the shop of a Mrs. Dywein, of No. 267, Commercial Road, resulting in a fine of £5 and costs.

Shortly after this seizure your Inspector, Mr. Twaits, and myself examined the stock of a shop at No. 35, Old Church Road, where we found more than half the tinned lobster, salmon and sardines in the shop to be unfit for human consumption. The shopkeeper and the dealer who had sold the tins were summoned, with the result that a fine of £5 was inflicted in each case, with the alternative of a month's imprisonment.

In bringing these offenders to justice much time and trouble was spent, the results reflecting great credit on the Inspector who had the cases in hand.

It is with regret that I now take leave of my office, having been for fifteen years in the district, and I am glad to say, without egotism, I leave it in a much better condition than I found it. I have, as some of you know, taken a keen interest in Mile End, and the lasting work which has been accomplished reflects credit on the Sanitary Staff placed under me. They have always worked loyally to better the condition of the district. I can only hope that the work will be continued, and trust that the amalgamation of the four districts will be for the benefit of the inhabitants.

I am, Your obedient Servant,

THOMAS TAYLOR,

Medical Officer of the Hamlet of Mile End Old Town.

TABLE 5.

# SUMMARY OF WORKS CARRIED OUT DURING THE YEAR BY THE SANITARY INSPECTORS IN THEIR RESPECTIVE DISTRICTS.

	No. 1 District. North Ward, North East Ward, South East Ward. C. COX.	No. 2 District. North West Ward and East and West Centre Wards. F. H. LYON.	No. 3 District. The whole of the South and West Wards. J. TWAITS.	TOTALS.
Houses and premises inspected	1601	1377	1842	4820
,, ,, reinspected	2052	2422	2196	6670
Bakehouses inspected and re-	94	196	90	380
inspected	23	29	60	II2
Bakehouses cleansed	9	12	17	38
Workshops inspected and re-				
inspected Workshops cleansed and	171	120	508	799
ventilated Workshops, overcrowding in,	12	33	51	96
abated Workshops, sanitary conveni-	I		9	10
ences provided for use of		Contraction in	out put of	
workpeople Intimations of Nuisances ser-	5	4	6	15
ved under Public Health Act Statutory notices served re	413	443	437	1293
Sanitary amendments	225	184	251	660
Notices re infectious diseases	258	208	208	674
Drains tested	175	259	298	732
,, found defective	45	74	69	188
,, reconstructed	39	113	142	294
" cleansed and repaired	109	63	92	264
,, trapped (new stoneware			aumilia av	Marie Control
gullies)	85	202	178	465
Drains provided to areas Drains provided to stables and	37	13	14	64
Sanitary closets provided in accordance with London		3		3
County Council Bye Laws	89	178	185	452
W.C.'s provided with water			1	
and water supplies to closets	22	88	170	289
reinstated Existing W.C.'s lighted and	24	00	179	209
wentilated W.C.'s new provided and ven-		5		
tilated	2	II	IO	23
Water supplies to dwellings reinstated	28	42	21	91
Overcrowding in dwellings abated	4		7	II

## TABLE 5-continued.

# SUMMARY OF WORKS CARRIED OUT DURING THE YEAR BY THE SANITARY INSPECTORS IN THEIR RESPECTIVE DISTRICTS.

	No. 1 District, North Ward, North East Ward, South East Ward. C. COX.	No. 2 District. North West Ward and East and West Centre Wards. F. H. LYON.	No. 3 District. The whole of the South and West Wards, J. TWAITS.	TOTALS.
New soil pipes fixed and				
ventilated	II	7	4	22
Yards paved	70	172	145	387
Washhouses paved	14	32	41	87
Areas paved]	12	20	12	44
Forecourts paved	7	3		10
Stables paved Sanitary dust receptacles pro-		3		3
vided	49	115	66	230
in accordance with London County Council Bye Laws Sink waste pipes disconnected from direct connection with	2	2	2	6
drains Rain water pipes disconnected	2	15	25	42
from direct connection with drains	32	29	26	87
Houses ventilated under floors	24	19	4	47
Separate occupation of under- ground rooms discontinued	I		5	6
Offensive accumulations removed	3	II	5	19
Miscellaneous repairs, floors, roofs, gutters, &c	57	224	146	427
Cowhouses and slaughterhouses inspected	5	7	14	26
Smoke observations	27	54	30	III
Summonses taken out under Public Health Act	6	14	9	29
Summonses taken out under Regulations Houses let in Lodgings	4			4
Magistrates' orders obtained	5	8	7	20

## POLICE COURT PROCEEDINGS, 1900.

Situation of Premises.	Nature of Complaint.	Date of Vestry's Order.	Date of hearing of Summons.	Result.	Name of Inspector.
237, Commercial Road	Workshop so overcrowded while work carried on as to be injurious or dangerous to the health of those employed therein.	1899 Nov. 1	1900 Jan. 11	Fined £5 and Costs.	Mr. Twaits
3, East Arbour St.	The defective condition of the drains.	Nov. 29	Jan. 18	Order to abate nuisance within 14 days, with Costs.	"
127, Duckett Street	Ditto ditto	Dec. 20	,,	Work done, summons withdrawn.	Mr. Lyon
23, Skidmore Street	Ditto ditto	Nov. 15	,,	Ditto ditto	"
152, ,, ,,	Ditto ditto	Oct. 4	,,	Ditto ditto	33
41, Ely Terrace	Ditto ditto	Dec. 20	,,	Ditto ditto	,,
127, Duckett Street	House in a dirty and dilapidated condition; yard paving defective, and roof defective.	1900 Mar. 21	Apr. 26	Ditto ditto	,,
67, Sidney Street	Workshop so overcrowded while work is carried on as to be injurious or dangerous to the health of those employed therein.	,,	,,	Fined £4 and Costs.	Mr. Twaits
75, Shandy Street	The foul, offensive and defective condition of the drains; the house dilapidated; the roof defective	Mar. 7	,,	Order to abate nuisance within 7 days.	Mr. Lyon
27, 45, 56 and 59, Jupps Road	Non-compliance with Regulations re Houses let in lodgings.	,,	"	Summonses dismissed.	Mr. Cox
17, Rhodeswell Rd.	The foul and offensive condition of the drains.	Apr. 25	"	Summons adjourned and ultimately with- drawn.	,,
16, Calverley Street	The foul, offensive and defective condition of the drains; part of house in a dirty condition.	Apr. 11	May 10	Order to abate nuisance within 7 days.	Mr. Lyon
18, ", ",	The foul, offensive, and defective condition of the drains; the closet defective and unsuitable.	,,	,,	Ditto ditto	,,
C.B. 12, Old Church Road	Apricots and peaches deposited for the purpose of sale which were unsound,	Мау 16	,,	Fined £20, or one month imprisonment.	Mr. Twaits
B.W. ", ",	Ditto ditto	,,	,,	Ditto ditto	"
3, Knott Street	House in a dirty and dilapidated condition; the yard paving defective; the walls damp.	Apr. 4	June 1	Summons adjourned for 14 days, and ulti- mately withdrawn.	Mr. Lyon
5, ,, ,,	House in a dirty and dilapidated condition; the roof defective.	"	,,	Ditto ditto	,,

## POLICE COURT PROCEEDINGS, 1900-continued.

Situation of Premises.	Nature of Complaint.	Date of Vestry's Order.	Date of hearing of Summons.	Result.	Name of Inspector.
34, Knott Street	House in a dirty and dilapidated condition; the walls in a damp condition.	Mar. 7	"	Order to abate nuisance within 14 days.	Mr. Lyon
36, ,, ,,	The house in a dirty and dilapidated condition; the yard paving defective.	,,	,,	Ditto ditto	,,
38, ,, ,,	The house in a dirty and dilapidated condition; the roof defective.	,,	,,	Ditto ditto	"
40, ,, ,,	The house in a dirty and dilapidated condition; the floors defective; the yard paving defective.	,,	,,	Ditto ditto	,,
36, Longfellow Road	First floor rooms dirty; no proper dust receptacle; yard paving defective; main roof and roof of washhouse defective.	Мау 30	June 22	Order to abate nuisance within 7 days.	Mr. Cox
19, Wilson Street	House in a dirty and dilapidated condition; the yard improperly paved; first floor back room in a damp condition; the floor of kitchen defective.	,,	,,	Order to abate nuisance within 14 days.	,,
20, ,, ,,	House in a dirty and dilapidated condition; the yard improperly paved; the closet foul and unsuitable; the flooring of kitchen defective.	,,	,,	Ditto ditto	,,
21, ,, ,,	Part of house being in a dirty and dilapidated condition.	,,	,,	Ditto ditto	,,
22, ,, ,,	Part of house in a dirty and dilapitated condition; the yard improperly paved; closet foul, defec- tive and unsuitable: gutter defective.	,,	,,	Ditto ditto	,,
34, Mile End Road	The defective condition of the drains.	Apr. 4	June 29	Ditto ditto°	Mr. Twaits
34, ,, ,,	The workshop not kept in a cleanly state,	"	"	Fined £2 and Costs.	,,
4, Heath Street	Part of house overcrowded.	May 30	"	Order to abate nuisance within 14 days.	**
D. 267, Conmercial Road	Unsound food deposited for the purpose of sale.	,,	July 6	Fined £5 5s.	Dr. Taylor
35, Old Church Rd.	Unsound tinned lobster and sardines.	,,	,,	Ditto ditto	Mr. Twaits
78, Nelson Street	Workshop so overcrowded while work is carried on as to be injurious or dangerous to the health of those employed therein.	May 16	July 18	Fined £2.	,,
45, Duckett Street	The house and cottage in rear in a dirty and dilapidated condition; the closet foul, offensive and choked,	Мау 30	,,	Order to abate nuisance within 14 days.	Mr. Lyon