

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

Contributors

Stepney (London, England). Metropolitan Borough.
O'Shiel, F. R.

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Metropolitan Borough of Stepney



ANNUAL REPORT

(ABRIDGED)

For the Year 1939

OF THE

Medical Officer of Health

AND

Administrative Tuberculosis Officer

F. R. O'SHIEL, L.R.C.P.I., L.M., D.P.H.,

TOGETHER WITH A

**SUMMARY OF THE
REPORT OF THE PUBLIC ANALYST.**

STAFF OF THE PUBLIC HEALTH DEPARTMENT on the 31st December, 1939.

Medical Officer of Health and Administrative Tuberculosis Officer:
F. ROANTREE O'SHIEL, L.R.C.P.I., L.M., D.P.H. (Liverp.)

Deputy and Assistant Medical Officer of Health:
J. W. CRAWFORD, M.D., M.B., B.CH., D.P.H.

Public Analyst: D. HENVILLE, F.I.C.

Analytical Assistant: W. M. PAULLEY, B.A., F.I.C.

Sanitary Inspectors:

District.

W. E. ANSTEE. (1, 3)	H. J. GREEN. (1, 2, 4)	J. KENIRY. (3)
J. H. BROWNLEE. (1, 3, 4)	(Temporarily in charge of disinfestation.)	S. S. LOWTHER. (3, 4)
J. J. COVENEY. (3, 4)	C. F. GUY. (2)	J. G. MCCARTHY. (3)
W. CUE. (1, 3)	W. H. HAWORTH. (3)	R. ROPER. (3, 4)
R. W. G. DAY. (3)	W. H. HOWARD. (1, 3)	W. F. SMITH. (2, 4)
G. D. FREELAND. (1, 3, 4)		W. T. TWYNHAM. (2)

Food. H. ABSON. (1, 2, 4) T. W. DEE (2, 4)
A. C. BROWN. (2, 4) S. VOGLER. (3, 4)

Other G. BOTTOMLEY. (1, 2, 4) Housing and Canal Boats.
E. J. EDWARDS. (2, 4) In charge of disinfestation. (Seconded as Anti Gas
Instructor for A.R.P.)

†Miss H. A. WHITTY. Disinfestation and Female Common
(3, 4, 5, 6, 8) Lodging Houses.

Clerical Staff:

	W. F. LELLOW, Chief Clerk (2)	
R. BACH.	W. E. HART.	H. F. MAYO.
Miss G. BOULTON. (M. & C.W.)	Mrs. H. HILES. (M. & C.W.)	M. PLISKIN.
Miss G. A. CARTHY. (M. & C.W.)	W. P. HOWARD.	B. C. REILLY.
W. J. DIXON.	Miss M. W. HUNT. (M. & C.W.)	Miss P. ROMAINE. (M. & C.W.)
S. EMBLETON.	C. H. LOWRY.	E. P. WEBBER. (3) (4)
Miss M. FITZGERALD.	J. G. LYONS.	(Temporary Sanitary Inspector).
	(M. & C.W.) J. McMULLON.	
P. GOLDMAN.	R. MAHONEY	

Vaccination Officers:

E. PRICE. (3) E. J. ROBERTSON.

Medical Officers for Maternity and Child Welfare (Part Time):

NORAH COTTER, M.B., B.Ch. MARGARET EMSLIE, M.B., Ch.B.
DORIS M. PULLEN, M.B., Ch.B. MARGARET WARD, M.B., Ch.B., D.P.H.

Health Visitors:

Miss M. BAILEY. (5, 6, 7)	Miss A. CLIFFORD. (5, 6, 7)	Miss A. M. STAGG. (5, 6, 7)
.. W. BRAZIER. (6, 7)	.. A. M. CORDWELL. (1, 6, 8)	.. M. F. E. STYLES.
.. A. CARTY. (5, 6, 7)	.. S. FOUCAR. (2, 5, 6, 7)	(5, 6, 7)
.. E. CLEMENTS. (5, 6)	.. A. E. GIBBS. (5, 6)	

Tuberculosis Officer: R. M. ORPWOOD, M.R.C.S., L.R.C.P., D.P.H.

Assistant Tuberculosis Officer: (Post at present temporarily filled)

Tuberculosis Visitors:

Miss M. E. FRANCIS. (5, 6, 7) Miss E. LINDSLEY. (7)
.. M. C. HURLEY. (5, 6, 7) .. M. F. WEATHERILT. (5, 6, 7)

Nurse Dispensers: Miss M. COULMAN. (5, 6, 7, 9), Miss A. O. JONES. (7, 8, 9)

Clerk and Secretary to Care Committee: Miss M. GRANT.

Clerk: Miss P. GOLDSMITH.

Consulting Gynaecologist: R. CHRISTIE-BROWN, M.B., M.S., F.R.C.S.

Dental Surgeon (part-time): F. L. PAYNE, L.D.S.

Anæsthetist (part-time): M. J. O'TOOLE, M.B., B.CH., B.A.O.

Diphtheria Immunisation:

W. W. KING-BROWN, M.B., B.S. (LON.) *Part time Medical Officer.*
GUY BOUSFIELD, M.D., B.S. (LON.) *Hon. Advisory Expert.*

- | | |
|--|-------------------------------------|
| 1. Certificate Royal San. Inst. | 5. Health Visitors Certificate. |
| 2. " San. Insp. Exam. Bd. | 6. State Certificated Midwife. |
| 3. " Royal San. Inst. and San. Insp.
Exam. Joint Board. | 7. State Registered Nurse. |
| 4. " Meat and Other Foods. | 8. Trained Nurse. |
| † Also Child Protection Officers. | 9. Certificate Soc. of Apothecaries |

PUBLIC HEALTH DEPARTMENT,
43, White Horse Road,
Stepney, E.1.

May, 1940.

*To the Mayor, Aldermen and Councillors
of the Metropolitan Borough of Stepney.*

YOUR WORSHIP, LADIES AND GENTLEMEN,

I beg to present herewith my Annual Report for the year 1939.

Owing to the declaration of war on 3rd September, 1939, and the consequent disturbance to the work of the Public Health Department, it has not been possible to present a full report as in other years. An abridged report is therefore presented to you.

The population of the Borough as estimated by the Registrar General is approximately 197,200.

Large numbers of families evacuated from the Borough during the year and especially after the outbreak of war. Accurate comparisons cannot therefore be made with previous years.

The Infantile Mortality rate was 53.7 deaths per 1,000 live births, which is the lowest figure recorded in the Borough. The Maternal Mortality rate was 3.35 per 1,000 live and still births.

The incidence of Infectious Disease was low throughout the year although including figures for the notification of measles and whooping cough both of which diseases were made fully notifiable in October, 1938.

* * * * *

Dr. J. W. Crawford, the tuberculosis officer, was appointed Deputy Medical Officer of Health on 22nd February, and Dr. R. M. Orpwood, the assistant tuberculosis officer was appointed Tuberculosis Officer as from the 27th July.

* * * * *

On the outbreak of war none of the Council's Health Services was discontinued. The full staff of Sanitary Inspectors and Health Visitors was retained and the full number of Infant Welfare Centres, Ante-Natal Clinics and Diphtheria Immunisation Clinics continued.

Stepney Green Branch Tuberculosis Dispensary was temporarily closed, but the full tuberculosis services continued at the main dispensary in Steels Lane, Devonport Street, Commercial Road.

* * * * *

The organisation of the Casualty Services for Civil Defence placed additional duties on the staff of the Public Health Department, and all concerned shouldered these burdens and responsibilities with commendable willingness and efficiency.

I desire to express my thanks once more to the Chairman and Members, of all Committees associated with the work of the Public Health Department, and to the members of the staff for their help and co-operation.

I am,

Your Worship, Ladies and Gentlemen,
Your obedient servant,

F. R. O'SHIEL,
Medical Officer of Health.

SUMMARY OF STATISTICS, 1939.

Area of Borough (in acres)	1902·766				
Population (Registrar-General's estimate) (a) For Birth Rate	197,200				
(b) For Death Rate	183,600				
Number of inhabited houses (end of 1939) according to Rate Books	35,846				
Rateable value, 31st December, 1939	£1,724,313				
Sum represented by a penny rate	£6,790				
	Total. Male. Female.				
Live Births	Legitimate	2,373	1,263	1,110	} Birth Rate per 1,000 of the estimated resident population 12·5
	Illegitimate	93	46	47	
Total Live Births...		2,466	1,309	1,157	
Still Births		79	48	31	Rate per 1,000 total (live and still) births 31·0
Total Births		2,545	1,357	1,188	
Deaths		2,213	1,251	962	Death rate per 1,000 of the estimated resident population 12·05

Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List) :—

	Deaths	Rate per 1,000 total births.
No. 29 Puerperal sepsis	2	0·84
No. 30 Other puerperal causes	6	2·51
Total	8	3·35

Death rate of Infants under one year of age :—

All infants per 1,000 live births	53·7
Legitimate infants per 1,000 legitimate live births	49·5
Illegitimate infants per 1,000 illegitimate live births	107·5

Deaths from Cancer (all ages)	319
„ „ Measles (all ages)	1
„ „ Whooping Cough (all ages)	11
„ „ Diarrhœa (under 2 years of age)	19

I.—STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Population.—The estimate of the Registrar-General to the mid-year 1939 is 197,200 for birth rate and 183,600 for death rate.

Births.—The total number of live births of Stepney residents during the year was 2,466—1,309 males and 1,157 females—or 153 less than in the previous year. The birth-rate was 12·5 per 1,000 of the population.

Marriages.—The total number of marriages which took place during the year was 2,629, or 512 more than in the previous year.

The proportion of persons married was 26·2 per 1,000 of the population.

Deaths.—The total number of deaths, after deducting deaths of non-residents who died in the Borough and adding those residents who died in Outlying Institutions was 2,213—1,251 males and 962 females—or 4 less than in the previous year.

The death-rate for the whole Borough was 12·05 per 1,000 of the population.

II.—GENERAL PROVISION OF HEALTH SERVICES.

Air Raid Precautions.—There are six First Aid Posts in the Borough established at the following premises:—

The London Hospital.

The Mile End Library (adjacent to the Mile End Hospital).

The Robert Montifiore School (adjacent to St. Peters Hospital).

The London Jewish Hospital.

The Princess Elizabeth of York Hospital.

The St. Peters Junior Mixed School (adjacent to St. George in the East Hospital).

There are five Stretcher Party Depots in the Borough situated at the following premises:—

Commercial Street School.

Berner Street School.

35 Stepney Green.

Single Street School.

Northey Street School.

Emergency Mortuaries for Civilian Dead have been established at Branch Road and at the London Hospital.

The Deputy Medical Officer of Health, Dr. J. W. Crawford, attended Course of Instruction at A.R.P. Staff School, London, from the 5th to 13th July.

Nursing in the Home.—76 visits were made by the East London Nursing Society, i.e., 12 to Measles, 10 to Ophthalmic Neonatorum, 26 to Pemphigus Neonatorum, and 28 to Puerperal Pyrexia.

Laboratory Facilities.—The number of examinations carried out were as follows:—

1,466 Swabs (for Diphtheria bacilli). Of these 79 were found to be positive.

5 Blood („ Typhoid bacilli). „ „ None „ „ „

3 Faeces („ Dysentery). „ „ None „ „ „

TUBERCULOSIS DISPENSARIES.

Number of attendances, 4,964.

Number of consultations with medical practitioners: Personal, 324; Other, 366.

Number of visits by Tuberculosis Officers to houses, 470.

Number of specimens of sputum examined 707. (Of these 111 were positive).

Number of X-ray examinations made ... 402

Number of children boarded out ... 30

Return relating to the work of the Dispensaries during the Year ending 31st December, 1939:—

DIAGNOSIS	PULMONARY.				NON-PULMONARY.				TOTAL.				GRAND TOTAL.
	Adults.		Children		Adults.		Children		Adults.		Children		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.—NUMBER OF DEFINITE CASES of Tuberculosis on the Dispensary Register at the beginning of the Year ..	693	331	68	52	62	50	92	57	755	381	160	109	1,405
B.—NUMBER OF NEW CASES diagnosed as Tuberculosis during the Year	152	53	13	8	14	11	11	6	166	64	24	14	268
Transfers in to Borough	21	15	—	—	—	2	4	2	21	17	4	2	44
C.—NUMBER OF CASES included in A and B written off the Dispensary Register during the Year as:—													
(1) Recovered	9	7	5	2	2	1	2	4	11	8	7	6	32
(2) Dead (all causes) ..	88	25	1	5	4	1	—	2	92	26	1	7	126
(3) Removed to other areas	42	33	1	3	2	4	1	4	44	37	2	7	90
(4) For other reasons ..	5	1	—	—	2	1	2	1	7	2	2	1	12
D.—NUMBER OF DEFINITE CASES of Tuberculosis on the Dispensary Register at the end of the Year	722	333	74	50	66	56	102	54	788	389	176	104	1,457

Special treatment. Pneumo-Thorax refills given to Tuberculosis patients at:—

	No. of Patients	No. of Attendances
Tuberculosis Officer's Clinic	46	501
Brompton Hospital	8	168
London Chest	15	175
Royal Chest	9	108
Colindale Hospital	4	27
Finsen Light treatment at the London Hospital	8	92
Gold injections at the London Chest Hospital	1	9

Extra Nourishment.—456 grants were made to 151 persons, the approximate cost being £410.

SUMMARY OF WORK DONE AT THE DENTAL CLINIC—(a) TUBERCULOSIS.

Particulars of Patients.	Number of Fillings.		Number of Scalings.	Extraction Cases.				Dentures.				Number of Dressings.	Number for Advice.	Denture Visits.	Number of New Patients.	
	Number of Attendances.	Simple.		Root.	Without Anaesthetic.	Local Administrations.	Gas Administrations.	Number of Teeth Extracted.	Upper.	Lower.	Re-models					Repairs.
Males ...	41	8	—	5	—	—	1	6	2	2	—	4	—	7	29	4
Females ...	90	3	—	6	—	—	7	46	8	8	—	7	3	19	66	9
Children ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total ...	131	11	—	11	—	—	8	52	10	10	—	11	3	26	95	13

No. of Ordinary sessions held ... 14
 No. of Gas " " ... 13

(b) MATERNITY.

Women ...	629	9	—	47	—	8	74	666	48	43	—	31	21	101	364	84
Children ...	57	—	—	—	—	—	22	101	—	—	—	—	3	30	1	28
Total ...	686	9	—	47	—	8	96	767	48	43	—	31	24	131	365	112

No. of Ordinary sessions held ... 26
 No. of gas " " ... 26

Maternity and Child Welfare Services (Form M.C.W. 96 revised).—Return (1) showing the arrangements made for maternity and child welfare by the Council and by Voluntary Associations providing maternity and child welfare services in respect of which the Council pay contributions under Section 101 of the Local Government Act, 1929, or otherwise; and (2) giving particulars of the work done during the year 1939.

1.—Population of the area served by the Council as Welfare Authority :—
197,200.

2.—Number of births notified in that area during the year under Section 203 of the Public Health Act, 1936, or Section 255 of the Public Health (London) Act, 1936, as adjusted by any transferred notifications :

(a) Live births, 2,425. (b) Still births, 73. (c) Total, 2,498.
(d) By midwives, 1,988. (e) By doctors and parents, 510.

3.—Health Visiting.

(a) Number of health visitors employed at the end of the year :

(i) by the Council and working in the area served by the Council	...	...	10
(ii) by the Council and working in the areas of other Local Authorities	...	...	nil
(iii) by Voluntary Associations and working in the area served by the Council	...	...	14
(iv) by Voluntary Associations and working in the areas of other Local Authorities	...	...	nil

(b) Equivalent of whole-time services devoted by the whole staff to health visiting (including attendance at infant welfare centres) :—

(i) in the case of Health Visitors employed by the Council	...	...	10
(ii) in the case of Health Visitors employed by Voluntary Associations	...	...	13.5

(c) Number of visits paid during the year by all Health Visitors :—

(i) to expectant mothers :—First visits, 1,305. Total visits, 2,455.
(ii) to children under 1 year of age:—First visits, 2,032. Total visits, 15,913.
(iii) to children between the ages of 1 and 5 years:—Total visits, 32,083.

4.—Infant Welfare Centres.

(a) Number of Centres provided and maintained by the Council 6

(b) Number of Centres provided and maintained by Voluntary Associations 9

(c) Total number of children who first attended at the Centres during the year and who, on the date of their first attendance, were :

(i) under 1 year of age, 2,118 ; (ii) between the ages of 1 and 5 years, 352.

(d) Total number of children under 5 years of age who attended at the Centres during the year and who, at the end of the year, were :

(i) under 1 year of age, 1,881 ; (ii) over 1 year of age, 3,286.

5.—Ante-natal and Post-natal Services.

(a) Ante-natal and Post-natal Clinics (whether held at Infant Welfare Centres or at other premises) :—

	<i>Ante-natal</i>	<i>Post-natal</i>
(i) Number of Clinics provided and maintained by the Council	2	These cases attend the Council's A.N Clinics.
(ii) Number of Clinics provided and maintained by Voluntary Associations	3	3
(iii) Total number of women who attended at the Clinics during the year	3,781	586

(b) Total number of expectant mothers ante-natally examined and of cases post-natally examined during the year, under arrangements made by the Council with private medical practitioners, excluding cases included under 5 (a) (iii) ...

nil nil

6.—Supply of Milk and Food.

(a) Arrangements made for this service :—

Terms of Supply.	Milk.			Meals supplied at Dining Centres.			Other Food.		
	Expectant mothers.	Nursing mothers.	Children under 5 years of age.	Expectant mothers.	Nursing mothers.	Children under 5 years of age.	Expectant mothers.	Nursing mothers.	Children under 5 years of age.
Free, or at less than cost price, in necessitous cases.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
At cost price in other cases (e.g., sale of dried milk at Centres)	Yes	Yes	Yes	No.	No.	No.	Yes	Yes	Yes

(b) Total quantity of milk supplied during the year to expectant and nursing mothers and young children :—

	Liquid		Dried
	Gallons		Pounds
	Under arrangement approved in accordance with circular 1840	Otherwise	
(i) By the Council	—	27,087 $\frac{5}{8}$	9,380 $\frac{1}{2}$
(ii) By Voluntary Associations operating in the area of the Council	—	—	—
Totals	—	27,087 $\frac{5}{8}$	9,380 $\frac{1}{2}$

7.—Maternity Homes and Hospitals.

I.

	Separate maternity institutions provided by the Council.	Other institutions with maternity wards provided by the Council.	Institutions provided by Voluntary Associations and subsidised by the Council.
Number of Institutions ..	nil	nil	
Number of maternity beds (exclusive of isolation and labour beds) ..	—	—	The Council make a grant of £100 per annum to the East End Maternity Hospital for one bed.
(a) Normal complement before the emergency	nil	nil	1
(b) Complement at 31st December, 1939 ..	nil	nil	1
Total number of women admitted to these beds during the year.. ..	nil	nil	23
Number of beds (included in the figures above) allocated to, and reserved for, expectant mothers in need of hospital treatment ..	nil	nil	—
Total number of women admitted to these beds during the year. ..	—	—	—

II.

Number of women (if any) sent by the Council during the year to other
Maternity Institutions nil

8.—Day Nurseries.

(a) Number of day nurseries :

(i) provided by the Council

(a) prior to the emergency nil

(b) and working in the Council's area on the 31st
December, 1939 nil

(ii) provided by Voluntary Associations

(a) prior to the emergency 5

(b) and working in the Council's area on the 31st
December, 1939 nil

4 evacuated, 1 closed

(b) Number of places for children under 5 years of age in the nurseries :

(i) provided by the Council

(a) prior to the emergency nil

(b) at the 31st December, 1939 nil

(ii) provided by Voluntary Associations

(a) prior to the emergency 194

(b) at the 31st December, 1939 evacuated with
113 children

(c) Total number of attendances of children at these
nurseries during the year 34,015

9.—Infectious Diseases.

Disease.	Number of cases notified during the year.	Number of cases visited by officers of the Council.	Number of cases for whom home nursing was provided by the Council.	Number of cases removed to hospitals.
(1) Ophthalmia Neonatorum	*10	10	1	9
(2) Pemphigus Neonatorum	—	1	1	—
(3) Puerperal fever	5	—	—	5
(4) Puerperal pyrexia	22	22	1	21
(5) Measles and German measles (in children under 5 years of age)	41	77	1	30
(6) Whooping Cough (do.)	443	605	—	126
(7) Epidemic Diarrhoea (do.)	—	—	—	—
(8) Poliomyelitis (do.)	4	—	—	4

*Number of cases in which vision was unimpaired ... 10, impaired ... —, or lost ... —
" " " the patient died ... —, removed from district ... —, or was
still under treatment at the end of the year ... —
" " any other category ... —.

10.—Home Nursing.

- (a) Number of Nurses employed at the end of the year (otherwise than for purposes of the Midwives Act, 1936) for the nursing of expectant mothers and children under 5 years of age, maternity nursing, or the nursing of puerperal pyrexia :—
 (i) by the Council, nil ; (ii) by Voluntary Associations, 2.
- (b) Total number of cases attended during the year by these nurses, 646.

11.—Maternal Deaths.

- (a) Number of women who died in, or in consequence of, childbirth in the area served by the Council for maternity and child welfare during the year :—
 (i) from sepsis 2 (ii) from other causes 9
- (b) Number of these cases which died :—
 (i) at home 2 (ii) in institutions 9

12.—Child Life Protection (Sections 206 to 220 of the Public Health Act, 1936, or Part XIII of the Public Health (London) Act, 1936).

- (a) Number of persons who were receiving children for reward at the end of the year 14
- (b) Number of children :—
 (i) at the end of the year 15
 (ii) who died during the year nil
 (iii) on whom inquests were held during the year nil
- (c) Number of Child Protection Visitors at the end of the year who were :—
 (i) Health Visitors 10
 (ii) Female, other than Health Visitors 1
 (iii) Male nil
- (d) Number of persons (in addition to or in lieu of Visitors under (c) above) or societies authorised to visit under the proviso to Sec. 209 (2) of the Public Health Act, 1936, or Sec. 258 (3) of the Public Health (London) Act, 1936 nil
- (e) Proceedings taken during the year :—

No. of cases.

Act and Section under which proceedings were taken.

1

Public Health (London) Act, 1936, section 261 (1B) and section 259 (A).

HEALTH VISITORS' REPORT.

	NAME	DISTRICT													
	Miss Bailey	Wapping Shadwell, S.W.													
	Miss Blackmore (to 13 April)	Mile End, N.W. Spitalfields, Whitechapel, M													
	Miss Brazier	Mile End, W. and part S. Whitechapel, E.													
	Miss Carty	Limehouse, S. Kilcliff, S.													
	Miss Clements	St. George's, N. and part S. Shadwell, N.													
	Miss Clifford	Whitechapel, S. St. George's, W. Tower.													
	Miss Cordwell	Mile End, S.E.													
	Miss Foucar	Mile End, N.E., part N. part S.													
	Miss Gibbs	Mile End, C. Limehouse, N.W.													
	Miss Hudson (19 June to 25 Nov.)	Mile End, N.W. Spitalfields, Whitechapel, M													
	Miss Stagg (from 1 Sept.)	Do.													
	Miss Styles	Limehouse, N. Kilcliff, N. Mile End, part S.													
	Total														
Visits:—															
Primary	97	85	281	173	209	262	253	238	64	59	58	253	2,032		
Revisits:—															
To infants under 1 year ...	205	103	421	247	333	231	564	373	142	80	98	581	3,378		
To children between 1-5 years	646	285	803	772	724	654	1,002	682	349	193	254	1,023	7,392		
Ante-natal:—															
Primary	18	29	41	34	50	65	87	50	14	9	16	50	463		
Subsequent	—	3	1	1	—	38	3	—	—	—	—	—	47		
Ophthalmia Neonatorum ...	—	—	1	—	4	1	2	—	—	2	—	—	10		
Puerperal Fever	1	—	1	—	—	1	—	1	—	1	—	—	5		
" Pyrexia	2	2	5	2	1	3	1	1	4	—	—	1	22		
Measles	—	—	3	—	—	3	2	—	—	—	—	—	17		
" Revisits	—	—	7	—	14	1	48	10	—	1	—	—	27		
Miscellaneous	226	92	95	89	143	390	399	100	6	114	115	76	82		
Attempted visits	109	71	430	325	129	381	299	130	109	180	102	364	1,846		
Child Life Protection:															
Visits to homes of foster mothers	—	10	18	—	—	7	5	11	—	—	—	2	53		
Visits to foster children ...	—	19	19	11	—	3	8	15	1	—	—	5	81		
Other visits	—	2	—	1	—	—	—	—	—	—	—	—	3		
Totals	1,304	701	2,127	1,655	1,607	2,040	2,673	1,612	690	645	643	2,373	18,070		
CENTRES ATTENDED:—															
Municipal	135	62	126	163	137	140	136	115	20	41	26	140	1,241		
Voluntary	46	—	20	—	—	—	—	68	51	1	7	4	197		
Totals	181	62	146	163	137	140	136	183	71	42	33	144	1,438		

Visits by Health Visitors.—The following table shows the number of visits, etc., paid by the Municipal Health Visitors during the year.

MUNICIPAL INFANT WELFARE AND ANTE-NATAL CENTRES.

	Limehouse.			Mile End.		St. George's.		Spitalfields.		Wapping.		White-chapel.	Total.
	Mon.	Wed.	Thurs.	Tues.	Thurs.	Tues.	Fri.	Tues.	Thurs.	Wed.	Fri.	Wed.	
No. of Infant Welfare Sessions (total)	48	35	—	51	35	33	49	36	51	52	33	52	475
„ Attendances of Infants ...	1,312	958	—	1,676	1,144	770	915	590	1,376	1,119	132	943	10,935
„ „ Children 1 to 5	767	566	—	1,009	954	832	796	337	1,153	981	78	494	7,967
„ Infants on Registers at end of the year	144	—	—	168	—	168	—	124	—	62	—	62	723
„ Children on Registers at end of the year	367	—	—	201	—	321	—	299	—	83	—	126	1,397
„ Ante-Natal Sessions ...	—	—	52	—	—	—	—	51	—	—	—	—	103
„ „ New Cases ...	—	—	98	—	—	—	—	63	—	—	—	—	161
„ „ Subsequent Attendances	—	—	257	—	—	—	—	283	—	—	—	—	540
„ Doctors' Consultations ...	48	35	52	51	35	33	48	50	51	52	—	52	507
<i>Toddlers Clinics :</i>	<i>4th Friday in each month</i>							<i>2nd Friday in each month</i>					
No. of sessions held ...	12			—		—		12		—			24
No. of first attendances ...	36			—		—		45		—			81
Total Attendances ...	97			—		—		115		—			212
No. of toddlers found with defects ...	41			—		—		57		—			98
Total No. of defects found ...	67			—		—		86		—			153

Municipal Infant Welfare and Ante-Natal Centres. Details of the work at the Municipal Infant Welfare and Ante-Natal Centres will be seen in the following table.

Health Visiting.—Details of the work of the Health Visitors and of the work at the Municipal Infant Welfare Centres are given on pages 12 and 13.

Convalescent Treatment.—52 mothers and 98 children were sent away to various convalescent homes during the year.

Supply of Milk to Mothers and Children.—13,321 grants of milk, Virol, etc. were authorised under the Council's Scheme during the year at an approximate cost of £3,838 18s. 1½d.

Home Helps were supplied in 76 cases.

Child Life Protection.—121 visits were made to foster mothers, 178 and to foster children, and 139 miscellaneous visits.

The number of persons receiving children for reward at the end of the year was 14, and the number of children was 15.

Infantile Mortality.—The deaths from stated causes at various ages under one year of age are shown in the table below :—

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 ...	M	...	26	2	3	6	37	15	14	9	8	83
	F.	...	15	1	...	...	16	3	10	8	8	45
Small-pox ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
2 Measles ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet Fever...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough ...	M.	...	...	...	...	...	...	...	2	2	3	7
	F.	...	...	...	...	...	...	...	...	2	...	2
5 Diphtheria and Croup ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
10 Tuberculous Meningitis ...	M.	...	...	...	...	...	...	...	1	...	...	1
	F.	...	...	...	...	...	...	...	...	...	...	...
10 Abdominal Tuberculosis ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
10 Other Tuberculous Diseases ...	M.	...	...	...	1	1	...	...	...	1	...	2
	F.	...	...	...	...	...	...	...	...	...	1	1
11 Syphilis ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
19 Bronchitis ...	M.	...	...	...	...	...	...	1	...	...	...	1
	F.	...	...	...	...	...	...	...	...	...	1	1
20 Pneumonia (all forms) ...	M.	...	...	1	1	2	5	2	2	4	1	14
	F.	...	...	...	...	...	...	2	2	2	4	8
23 Diarrhoea ...	M.	...	...	...	...	...	...	1	2	1	1	5
	F.	...	...	...	...	...	...	...	3	2	1	6
23 Enteritis ...	M.	...	1	...	...	1	1	1	1	1	...	4
	F.	...	...	...	...	...	...	1	1	1	...	3
27 Gastritis ...	M.	...	...	...	...	...	...	...	2	...	...	2
	F.	...	...	...	...	...	...	...	2	...	...	2
31 Congenital Malformations	M.	5	...	1	1	7	4	1	...	...	...	12
	F.	3	...	...	...	3	...	1	...	...	...	4
31 Premature Birth ...	M.	9	1	...	1	11	...	...	...	...	...	11
	F.	7	...	...	...	7	...	...	...	...	...	7
31 Atrophy, Debility & Marasmus	M.	2	...	...	...	2	...	1	...	...	...	3
	F.	1	...	...	...	1	1	...	...	...	...	2
31 Atelectasis ...	M.	2	...	...	...	2	...	...	...	...	...	2
	F.	2	...	...	...	2	...	...	...	...	...	2
31 Injury at Birth ...	M.	3	...	...	1	4	...	...	...	...	...	4
	F.	1	...	...	...	1	...	...	...	...	...	1
31 Convulsions ...	M.	1	...	...	...	1	...	...	...	...	...	1
	F.	...	...	...	...	...	...	...	...	...	...	...
34 Suffocation, overlying ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
35 Rickets ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
35 Meningitis (<i>not tuberculous</i>)	M.	...	...	1	...	1	...	...	...	...	1	2
	F.	...	...	...	...	...	...	...	...	...	...	...
35 Laryngitis ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
35 Erysipelas ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
35 Other causes ...	M.	4	...	...	1	5	2	2	...	...	2	11
	F.	1	1	...	...	2	1	1	1	1	1	6
36 Ill defined ...	M.	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...
Totals ...			41	3	3	6	53	17	24	17	16	127

REPORT OF INSPECTIONS, ETC. BY THE DISTRICT SANITARY INSPECTORS—1930.

Sanitary Inspection—The following tables show the work of the District Sanitary Inspectors:—

III. SANITARY CIRCUMSTANCES OF AREA.

	W. E. Anstee.	J. H. Brownlee.	J. J. Coveney.	W. Cue.	R. W. G. Day	G. D. Freeland.	C. F. Guy.	W. H. Haworth	W. H. Howard.	J. Keniry.	S. Lowther.	J. G. McCarthy.	R. Roper.	W. F. Smith.	W. T. Twynham.	E. P. Webber.	Totals
Bakehouses	31	34	9	18	50	50	17	—	15	31	17	17	26	27	16	12	370
Common Lodging Houses ...	29	15	—	—	—	11	—	12	—	14	—	—	20	—	23	19	148*
Complaints	494	692	483	382	936	588	414	489	1,052	791	618	907	655	566	595	833	10,495
Houses let in Lodgings ...	115	103	72	50	231	259	237	68	23	103	32	60	103	252	63	156	1,927
House to House	11	8	—	3	6	107	—	74	—	21	37	22	55	68	144	33	589
Infectious Disease	63	44	74	78	73	40	55	33	63	78	74	90	35	91	39	47	977
Offensive Trades	—	13	9	—	—	47	5	—	—	5	46	16	32	14	5	6	198
Outworkers	28	25	—	1	3	15	18	60	2	19	2	4	11	18	36	98	340
Restaurants and Eating Houses	51	53	6	80	38	28	10	36	11	72	29	—	65	21	28	30	558
Markets (week-end)	2	3	1	2	3	3	5	5	1	2	2	2	7	4	2	3	47
Seamen's Lodging Houses ...	—	—	—	82	—	—	—	—	—	35	—	—	—	—	—	—	117
Shops Act	93	40	20	53	7	15	—	37	1	117	64	—	63	14	11	65	600

* In addition, 21 inspections to Women's Common Lodging Houses were made by Miss Whitty.

REPORT OF INSPECTIONS, Etc. BY THE DISTRICT SANITARY INSPECTORS—1939—Continued.

	W. E. Anstee.	J. H. Brownlee.	J. J. Coveney.	W. Cue.	R. W. G. Day	G. D. Freeland.	C. F. Guy.	W. H. Haworth	W. H. Howard.	J. Keniry.	S. Lowther.	J. G. McCarthy.	R. Roper	W. F. Smith.	W. T. Twynham.	E. P. Webber.	Totals
Pharmacy & Poisons Act ...	25	13	6	63	31	10	2	4	9	11	12	2	14	10	8	3	223
Rag Flock Acts ...	—	—	2	2	—	2	—	—	—	—	—	—	8	2	—	—	16
Miscellaneous ...	1,324	705	509	547	1,325	374	944	634	643	858	708	627	1,097	1,227	710	880	13,112
Observations re Smoke Nuisance	4	8	113	88	83	11	1	1	6	16	12	—	19	26	1	—	389
Re-Visits ...	1,080	1,527	778	672	1,951	1,220	1,183	630	1,115	772	1,046	1,557	1,228	1,319	1,488	1,267	18,833
Intimations served ...	542	391	306	190	660	494	436	394	953	232	421	705	461	482	621	745	8,033
Statutory Notices served ...	46	98	23	23	184	117	156	122	258	40	153	97	89	147	134	225	1,912
No. of Summonses taken out ...	—	2	—	—	—	—	1	—	—	4	—	—	—	5	—	—	12
<i>Factory Act—</i>																	
Factories with mechanical power	129	112	130	69	110	93	56	152	34	64	29	35	181	112	84	144	1544
Factories without mechanical power ...	65	59	17	23	15	61	21	42	8	73	1	4	11	36	29	75	540
Other premises under the Act	20	4	—	—	—	—	—	50	—	15	—	—	12	9	—	16	126

RETURN OF SANITARY WORK, 1939.

	W. E. Anstee.	J. H. Brownlee.	J. J. Coveney.	W. Cue.	R. W. G. Day	G. D. Freeland.	C. F. Guy.	W. H. Haworth	W. H. Howard.	J. Keniry.	S. Lowther.	J. G. McCarthy.	R. Roper.	W. F. Smith.	W. T. Twynham.	E. P. Webber.	Totals.
Animals kept so as to constitute a nuisance, removed	—	3	4	—	—	—	3	—	—	2	—	—	1	6	—	1	20
Bakehouses: No. of cleansings of	14	6	10	12	15	18	14	12	6	10	10	16	—	—	4	14	161
Cisterns cleansed, covered and repaired	10	23	10	—	—	—	25	1	57	14	6	—	—	18	—	5	169
Dampness in premises remedied	123	232	171	83	197	278	290	201	442	65	336	185	157	261	316	150	3,487
Drains—Cleansed or repaired	47	30	32	42	89	25	74	30	63	45	28	53	45	25	55	119	802
Constructed or reconstructed	23	—	15	25	19	34	11	28	22	42	13	17	—	—	1	20	270
Dust receptacles provided ...	41	23	37	57	91	69	89	25	107	9	129	102	11	40	59	86	975
Number of dwelling rooms cleansed	183	305	524	420	974	482	554	333	1159	177	744	675	316	486	399	463	8,194
Houses ventilated beneath the lower floor	3	2	—	14	—	—	7	5	—	—	—	2	—	19	1	—	53
Improved light and ventilation provided to rooms	4	4	1	3	—	1	2	1	—	5	16	—	3	—	13	5	58
Manure receptacles provided or reconstructed	1	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	4
Offensive accumulations removed	8	15	19	3	22	27	38	25	8	16	14	13	24	28	48	46	354

RETURN OF SANITARY WORK, 1939—Continued.

	W. E. Anstee.	J. H. Brownlee.	J. J. Coveney.	W. Cue.	R. W. G. Day	G. D. Freeland.	C. F. Guy.	W. H. Haworth	W. H. Howard.	J. Keniry.	S. Lowther.	J. G. McCarthy.	R. Roper	W. F. Smith.	W. T. Twynham.	E. P. Webber.	Totals.
No. of gutters and rain-water pipes fixed or repaired ...	75	51	48	107	140	26	127	23	92	75	52	59	36	74	66	88	1,139
No. of repairs to roofs ...	209	115	481	200	348	371	284	199	432	109	163	361	53	211	141	207	3,884
Sink, bath and lavatory pipes fixed or repaired ...	135	59	42	94	157	50	73	23	111	144	81	126	60	36	87	76	1,354
Smoke nuisances abated ...	6	2	4	1	2	1	4	—	—	6	—	—	—	10	1	—	37
Urinals fixed or repaired ...	4	8	1	3	3	1	16	1	1	21	—	4	1	—	2	8	74
Verminous rooms cleansed ...	—	21	6	5	7	29	29	19	48	13	8	—	33	23	30	43	314
Waterclosets—Cleansed or repaired ...	51	109	61	73	133	83	130	21	178	39	134	82	155	105	175	232	1,761
" Light and ventilation provided	73	11	11	—	—	1	11	13	16	7	—	—	27	21	11	15	217
" Pans and traps fixed ...	91	42	83	93	73	11	51	44	37	157	81	88	44	19	50	128	1,092
" Provision or repair of flushing apparatus ...	74	24	90	87	61	27	38	23	59	139	19	115	37	15	55	127	990
Water supply to houses reinstated or repaired ...	4	27	18	23	22	6	24	13	—	5	17	23	8	18	26	53	287
Yards, areas and forecourts cleansed, paved, or paving repaired ...	53	23	20	112	98	61	89	10	98	10	74	22	36	82	52	12	852
Floors, windows, staircases, fire-places and coppers repaired	207	160	358	394	611	413	290	269	578	129	475	569	218	258	228	323	5,480
Miscellaneous ...	113	97	32	85	372	103	133	174	216	91	194	14	107	114	193	110	2,148

Canal Boats.—16 canal boats were inspected and there were no contraventions of the Act and Regulations. Six children were found on the boats. No boats were registered during the year.

Factories Act, 1937.—Particulars of inspections and defects found are as follows :—

Premises. (1)	Number.	Number of		
		Inspections. (2)	Written Notices. (3)	Occupiers prosecuted. (4)
Factories with mechanical power ...	2,449	1,544	216	—
Factories without mechanical power ...	939	540	104	—
† Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises) ...	62	126	2	1
Total	3,450	2,210	322	1

† Electrical Stations should be reckoned as factories.

Defects Found.

Particulars (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of cleanliness (S. 1)	144	142	5	—
Overcrowding (S. 2)	1	—	1	—
Unreasonable temperature (S. 3)	14	11	3	—
Inadequate ventilation (S. 4)	11	11	—	—
Ineffective drainage of floors (S. 6)	17	17	—	—
Sanitary Conveniences (S. 7)	25	25	—	—
{ insufficient	119	121	—	—
{ unsuitable or defective	40	40	—	—
{ not separate for sexes	—	—	—	—
Other nuisances	126	126	2	—
Other offences	—	—	—	—
(Not including offences relating to Homework or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.)				
Total	497	493	11	—

Outworkers :—

Nature of Work	No of In- spections	No. resident in the Borough	Un- whole- some premises	Notices served	Prose- cutions	No. of premises where infectious disease occurred
Wearing apparel—						
Making, etc.	284	1511	65	59	—	17
Cleansing and washing	15	3	—	—	—	—
Household linen	—	—	—	—	—	—
Hats	4	4	—	—	—	—
Lace, lace curtains and nets	—	—	—	—	—	—
Boots	2	22	—	—	—	—
Curtains and furniture hangings	5	—	—	—	—	—
Furniture and upholstery	12	—	8	6	—	—
Electro-plate	—	—	—	—	—	—
File making	—	—	—	—	—	—
Brass and brass articles	—	—	—	—	—	—
Furriers	4	10	—	—	—	—
Cables and chains	—	—	—	—	—	—
Anchors and grapnels	—	—	—	—	—	—
Cart gear	—	—	—	—	—	—
Locks, latches and keys	—	—	—	—	—	—
Umbrellas, etc.	11	13	—	—	—	—
Artificial flowers	—	1	—	—	—	—
Nets, other than wire nets	—	—	—	—	—	—
Tents	—	—	—	—	—	—
Sacks	—	—	—	—	—	—
Racquet and tennis balls	—	—	—	—	—	—
Paper, etc., boxes, paper bags	2	—	—	—	—	—
Brush making	—	1	—	—	—	—
Pea picking	—	—	—	—	—	—
Feather sorting	—	—	—	—	—	—
Carding, etc., of buttons, etc.	—	1	—	—	—	—
Stuffed toys	1	—	—	—	—	—
Basket making	—	—	—	—	—	—
Chocolates and sweetmeats	—	—	—	—	—	—
Cosaques, Christmas crackers, Christmas stockings, etc.	—	—	—	—	—	—
Textile weaving	—	—	—	—	—	—
Lampshades	—	—	—	—	—	—
Leather goods	—	2	—	—	—	—
Flag making	—	1	—	—	—	—
Cardboard boxes	—	5	—	—	—	—
Handbags	—	1	—	—	—	—
Total	340	1575	73	65	—	17

No. of firms in the Borough employing outworkers 89

No. of outworkers residing in the Borough 1,575

„ „ „ outside the Borough 612

„ „ employed by firms outside the Borough ... 939

Basement Bakehouses.—In the year beginning 1st July, 1938, and in every fifth year subsequently, examinations of Basement Bakehouses must be carried out under the Factories Act, 1937. In accordance with the above, I made an examination of Basement Bakehouses during the year and reported to the Committee that 69 were certified in 1903/4 under the Factory and Workshop Act, 1901. Of these 33 remained open at the time of my inspection and 21 of the latter were considered by me unfit to retain certificates.

Legal Proceedings.

	No. of Summons.	Fines.	Costs.
		£ s. d.	£ s. d.
Public Health (London) Act, 1936	23	31 15 0	53 0 0
Food and Drugs (Adulteration) Act, 1928	35	50 0 0	61 19 6
Milk and Dairies Order, 1926 ...	2	4 0 0	2 2 0
L.C.C. Bye-laws—Rag and Bone Dealer	1	0 10 0	0 10 6
Merchant Shipping Act, 1894 ...	1	2 0 0	2 2 0
	62	88 5 0	119 14 0

IV.—HOUSING.

Slum Clearance.—During the year the Council made a Compulsory Purchase Order, as follows :—

	Houses.	Persons to be displaced.
Solebay Street area	24	106
The Council also made Clearance Orders, as follows :—		
Amos Court area	15	64
St. Anne's Row No. 1 area	30	138
St. Anne's Row No. 2 area	6	26
Chusan Place area	4	11
Claydens Buildings area	5	12
Copenhagen Place area	3	11
Paragon Mansions area	42	112
Hayfield Passage area	2	7
Hayfield Yard area	4	2

In the case of four of the above areas—Solebay Street, Amos Court, St. Anne's Row No. 1 and Paragon Mansions—a Local Inquiry should have been held on 26th September but, owing to the outbreak of war, the Inquiry was postponed indefinitely.

As regards the remaining six areas, they were all confirmed without modification and the tenants have all been rehoused.

A small area known as the Cottage Court area, including two houses, was represented, but this was cleared by the owner shortly afterwards.

A Demolition Order was made affecting 72, Hermitage Wall. The occupants were rehoused and the house demolished.

No areas were declared by the L.C.C. during the year.

Overcrowding.—The Overcrowding Survey, in 1935, revealed the fact that 7,632 families were overcrowded.

The number of cases to date not included in the above total is 456.

From May, 1936 to the end of December, 1939, 2,108 certificates of overcrowding (Orange Forms) had been sent to the L.C.C. Of this number the L.C.C. have rehoused 609 families, 101 within the borough and 508 outside.

In the process of slum clearance, 636 cases of overcrowding have been abated.

696 cases of overcrowding have been abated by owners transferring tenants and by reduction or removal of families.

SUMMARY.

Number of families overcrowded as per survey	...	7,632
Additional to December, 1939	... ..	456
		<hr/>
		8,088
Number abated—		
By L.C.C. as result of Orange Forms	... ..	609
By Slum Clearance	... ..	636
Abated privately	... ..	696
		<hr/>
		1,941
Number of families overcrowded December, 1939	...	<u>6,147</u>

Underground Rooms.—At the beginning of the year there were 5,843 underground rooms which did not comply with the Housing Act and the Regulations made thereunder.

During the year 48 unfit underground rooms were demolished in Clearance Areas and in the demolition of unfit houses, thus leaving 5,795 still to be dealt with.

Statistics (required by the Ministry of Health). 1. Inspection of dwelling houses during the year :—

Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	... ..	18,136
Number of inspections made for the purpose	... ..	21,109
Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	... ..	8,544

2. Remedy of defects during the year without service of formal Notices :—

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	6,811
---	--------	-------

3. Action taken under Statutory Powers during the year.—Proceedings under Public Health Acts :—

Number of dwelling houses in respect of which notices were served requiring defects to be remedied	... ..	1,733
Number of dwelling houses in which defects were remedied after service of formal notices :—		

(a) By owners	... ..	1,733
(b) By Local Authority in default of owners...	... ..	—

HOUSING ACT, 1936 # OVERCROWDING	Mr. Anstee	" Brownlee	" Coveney	" Cue	" Day	" Freeland	" Green	" Guy	" Haworth	" Howard	" Keniry	" Lowther	" McCarthy	" Roper	" Smith	" Twynham	" Webber	" Bottomley	TOTAL
No. of houses in which the rooms were measured and the permitted numbers ascertained during the year.	196	267	284	37	62	57	—	256	98	165	49	180	266	167	11	438	767	856	4,158
Total to date	356	328	313	50	76	166	22	695	339	202	265	184	423	438	157	522	781	2,023	7,340
No. of visits for such purpose during the year	232	279	298	67	61	168	—	313	394	248	346	232	80	189	209	476	877	873	5,342
Total to date	426	362	327	75	70	374	22	844	754	291	571	236	213	477	407	585	898	2,038	8,970
No. of houses for which information has been supplied on request to owners and occupiers during the year	79	249	282	60	63	145	—	253	283	229	204	225	417	113	132	556	765	858	4,913
Total to date	150	310	312	73	77	184	22	682	489	229	364	229	574	384	234	640	779	1,943	7,675

V. INSPECTION AND SUPERVISION OF FOOD.

The following is a summary of the inspections, etc., by the four special Inspectors engaged in the supervision and inspection of food:—

	H. Abson	A. C. Brown	T. W. Dee	S. Vogler	Totals
Bishopsgate Goods Station ...	*4	—	†148	—	152
Butcher and Bacon shops ...	317	—	—	—	317
Butcher and Bacon stalls ...	293	—	—	—	293
Butter and Margarine premises ...	—	8	—	19	27
Complaints	30	37	8	32	107
Cowsheds	—	40	—	72	112
Fish shops	—	10	—	21	31
Greengrocers and Fruiterers ...	—	—	142	—	142
Grocers and Provision shops ...	—	97	—	20	117
Ice Cream premises	—	299	—	295	594
London Fruit Exchange	—	—	263	—	263
Markets (Daily)	355	223	24	364	966
Markets (Week-end)	2	2	2	2	8**
Milkshops	—	411	—	515	926
Poultry shops	532	442	—	379	1,353
Poultry stalls	990	330	—	742	2,062
Prepared Food premises	122	60	—	89	271
Spitalfields Market	—	—	249	—	249
Wharves	443	—	640	—	1,083
Wholesale Grocers.	—	38	—	73	111
Miscellaneous visits	184	114	309	196	803
Revisits	142	358	371	318	1,189
Samples taken—Food and Drugs	—	783	—	769	1,552
" " Other ...	48	35	26	45	154
No. of Summonses taken out ...	1	21	—	27	49

*Of these 1 was a special night inspection.

†Of these, 45 were special night or early morning inspections.

**47 Inspections were also made by the District Sanitary Inspectors.

Unsound Food.—The quantity of foodstuffs destroyed during the year is as follows:—

Under the Public Health Imported Food Regulations—

	Tons.	Cwts.	Qtrs.	Lbs.
(a) From the Wharves	506	5	3	13
(b) Zeebrugge—Harwich Train Ferry ...	35	17	2	26½

Under the Public Health (London) Act, 1936—

(a) From the Spitalfields Market and the London Fruit Exchange ...	36	8	0	8
(b) From the Meat Depot, Mile End Road	3	16	2	4
(c) From other premises	39	15	1	10½
Total ...	622	3	2	6

156 Detention Notices and 220 Release Notices were issued in respect to various foodstuffs.

VI.—PREVALENCE OF, AND CONTROL OVER
INFECTIOUS AND OTHER DISEASES.

Notifications.—1,643 notifications (other than tuberculosis) were received, particulars of which are given in the table below:—

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR, 1939.

DISEASE.	TOTAL CASES NOTIFIED. IN AGE GROUPS.													Cases admitted to Hospital	Total Deaths.			
	Under 1 year.	1—	2—	3—	4—	5—	10—	15—	20—	35—	45—	65 and over	TOTAL					
Anthrax ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	5	20	30	54	49	160	57	11	26	1	—	—	—	413	397	1	—	
Diphtheria ...	8	8	17	26	17	63	28	13	18	4	2	—	—	204	204	—	—	
Enteric Fever ...	—	—	—	—	—	—	—	1	1	—	1	—	—	3	3	—	—	
Measles ...	12	9	8	4	8	3	—	4	2	—	—	—	—	50	33	1	—	
Puerperal Fever ...	—	—	—	—	—	—	—	—	4	1	—	—	—	5	5	—	—	
Puerperal Pyrexia ...	—	—	—	—	—	—	—	1	15	6	—	—	—	22	21	—	—	
Erysipelas ...	1	1	3	—	2	1	—	4	24	11	50	10	—	107	58	—	—	
Encephalitis Lethargica ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	
Cerebro-spinal Fever ...	3	—	1	2	—	—	1	—	2	—	—	—	—	9	9	—	—	
Ophthalmia Neonatorum ...	10	—	—	—	—	—	—	—	—	—	—	—	—	10	9	—	—	
Food Poisoning ...	—	—	—	—	—	—	—	—	6	5	2	1	—	14	2	—	—	
Polio-myelitis ...	—	—	2	2	—	—	—	—	—	—	—	—	—	4	4	1	—	
Polio-encephalitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Membranous Croup ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Dysentery ...	4	9	9	7	2	4	—	—	1	—	—	—	—	36	30	—	—	
Malaria ...	—	—	—	—	—	—	—	—	—	1	—	—	—	1	1	—	—	
Pneumonia ...	7	9	10	7	6	18	11	12	33	21	54	31	—	219	144	199	—	
Whooping Cough ...	83	96	93	106	65	99	2	1	1	—	—	—	—	546	126	9	—	
Totals ...	133	152	173	208	149	348	99	47	133	50	109	42	—	1,643	1,046	213	—	

Diphtheria immunisation.—The year's report on the Council's Clinic is as follows:—

(a)	Total number of clinics held	...	...	...	...	...	43
(b)	Total number of all attendances of children at same (either for Schick or Immunisation)	...	...	...	...	...	1119
(c)	Number of Primary Schick tests	...	...	...	...	...	186
(d)	Number of Final Schick tests	...	...	...	...	...	343
(e)	Number of Immunisation Inoculations given	...	...	...	...	...	344
(f)	Number of Immunisation Certificates given	...	...	...	...	...	311
(g)	Number of individuals who have attended the clinic for the first time during the year	...	...	...	...	...	198
(h)	Number aged 12 months and <i>under</i> when they made first attendance	...	...	...	...	...	8
(i)	Number aged 1 year to 5 years inclusive when they made first attendance	...	...	...	...	...	86
(j)	Number aged 6 years to 14 years inclusive when they made first attendance	...	...	...	...	...	100
(k)	Number of adults, viz., from 15th birthday upwards who attended...	...	...	...	...	...	4
(l)	Number who failed to return for reading of first Schick	...	...	...	...	...	4
(m)	Number who began but failed to complete their immunisation doses	...	...	...	...	...	54
(n)	Number who failed to come for final Schick (or for reading of final Schick)	...	...	...	...	...	27
(o)	Number found immune after first Schick and not therefore inoculated	...	...	...	...	...	31
(p)	Number found to be still susceptible after one complete course	...	...	...	...	...	4
(q)	Number of latter given a second course	...	...	...	...	...	4
(r)	Number of (q) found immune after second course	...	...	...	...	...	4
(s)	Number still in course of treatment at end of year and not yet completed	...	...	...	...	...	120
(t)	Number of cases notified as diphtheria in the Borough during the year who were found to have been immunised at the Borough clinic at any time	...	...	...	...	...	0
(u)	Number of cases (from t) found to be suffering from Diphtheria	...	...	...	...	...	0
(v)	Number removed from Borough before treatment completed	...	...	...	...	...

Indefinite owing to evacuation

Bug Eradication.—The furniture and effects of 218 families were treated at the Council's Disinfesting Station in the H.C.N. Fumigation Chamber, before being rehoused, and the bedding was dealt with by steam disinfection. Of this number 10 were done for the Stepney Housing Trust, thus leaving a total of 208 for families rehoused in Council flats.

989 inspections were made to 810 Council flats during the year, and of this number 163 were found verminous and suitable steps taken for the eradication of vermin either by means of fumigation or spraying with insecticide. The following table gives the summary of work done.

	Mr. Green	Miss Whitty
Inspections for vermin	614	682
Premises found verminous	308	172
Miscellaneous visits	488	337
Re-visits	168	197

Miss Whitty also has charge of Women's Common Lodging Houses and Child Life Protection investigations. Return of these inspections are to be found under their appropriate headings.

	Council.	Private.
Premises fumigated	38	371
Rooms fumigated	97	501
Premises sprayed	172	323
Rooms sprayed	411	463
Sets of furniture treated by H.C.N. ...	208	10

* A quantity of old furniture, etc. amounting to 14 tons 10 cwts. 2 qtrs. was collected from houses vacated by tenants on being rehoused by the Council. This was all destroyed in the incinerator.

The number of :

(a) Council houses	(i) found to be infested	163
	(ii) disinfested	163
(b) Other houses	(i) found to be infested:—	
	(a) by disinfestation inspection ...	136
	(b) by district sanitary inspectors or or otherwise	489
	(ii) disinfested by Council	625

Three methods are employed for freeing infested houses of bed bugs :—

- (a) Stripping woodwork, where necessary, and application of blow-lamp.
- (b) Fumigation with sulphur.
- (c) Spraying with insecticides, vermicene, or our own preparation.

Cleansing and Disinfection.—183 adults were cleansed during the year because of vermin. 486 rooms were fumigated because of infectious disease and 194 as a result of pulmonary tuberculosis.

60,636 second-hand articles of clothing were disinfected prior to export. The total number of articles disinfected by steam for all purposes was 82,485.

During the year, 54 complaints were received from the School Medical Officer of school children found to be in a verminous condition. In each case the home conditions were investigated by the Specialist Inspectors, and, as a result, 51 premises were disinfested.

Notice was received from the L.C.C. that 44 families were being rehoused. Each family was visited by the Specialist Inspectors and the old premises and the tenants' effects were disinfested previous to the removal.

Public Health (Tuberculosis) Regulations, 1930. MINISTRY OF HEALTH. Form T.137—
Revised 1939.

PART I—Summary of Notifications during the period from the 1st January, 1939, to the 31st December, 1939, in the area of the Metropolitan Borough of STEPNEY.

Age periods	Formal Notifications.												Total Notifications.
	Number of Primary Notifications of new cases of Tuberculosis												
	0—	1—	5—	10—	15—	20—	25—	35—	45—	55—	65—	Total (all ages)	
Pulmonary Males ...	—	4	3	6	8	17	35	32	29	25	13	172	206
“ Females ...	1	2	1	2	9	10	22	4	5	4	2	62	74
Non-pulmonary Males ...	1	5	3	3	6	3	2	1	—	1	2	27	31
“ Females ...	—	4	3	1	2	2	3	1	1	—	—	17	19

SUPPLEMENTAL RETURN.

PART II.—New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

Age periods	0—	1—	5—	10—	15—	20—	25—	35—	45—	55—	65—	Total
Pulmonary Males ...	1	—	—	—	1	5	1	2	8	3	2	23
“ Females ...	—	1	—	—	1	3	2	2	—	—	1	10
Non-pulmonary Males ...	—	2	—	—	—	—	—	—	—	—	—	2
“ Females ...	—	—	—	—	—	2	1	—	—	—	2	5

The source or sources from which information as to the above-mentioned cases was obtained is stated below:—

Source of Information.	No. of Cases.	
	Pulmonary	Non-Pulmonary.
Death Returns { from local Registrars	12	4
{ transferable deaths from Registrar General	—	—
Posthumous notifications	2	—
“ Transfers ” from other areas (other than transferable deaths)	19	3
Other Sources	—	—

Small Pox and Vaccination.—No cases of smallpox were notified. There were 2,796 births registered during 1938. Of these 1,125 were successfully vaccinated. 1,112 Statutory declarations were received.

CAUSE OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE METROPOLITAN BOROUGH OF STEPNEY—1939. S.D.25

CAUSES OF DEATH.	Sex.	All Ages.	0—	1—	2—	5—	15—	25—	35—	45—	55—	65—	75—
ALL CAUSES	M.	1,251	83	10	4	13	33	56	61	134	272	341	244
	F.	962	45	5	8	11	38	40	42	93	174	254	252
1. Typhoid and paratyphoid fevers	M.	...	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...
2. Measles	M.	...	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...
3. Scarlet Fever	M.	1	...	1	...	...	...	...	...	...	...	...	...
	F.	1	...	...	...	1	...	...	...	...	...	...	...
4. Whooping cough	M.	7	7	...	...	...	...	...	...	...	...	...	...
	F.	4	2	...	2	...	...	...	...	...	...	...	...
5. Diphtheria	M.	...	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...
6. Influenza	M.	12	...	...	...	1	...	2	...	...	6	...	2
	F.	25	...	1	1	1	1	2	1	4	1	7	6
7. Encephalitis lethargica	M.	5	...	...	...	...	...	1	1	...	3	...	...
	F.	2	...	...	...	...	...	1	...	...	1	...	...
8. Cerebro-spinal fever	M.	...	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...
9. Tuberculosis of respiratory system.	M.	100	1	1	...	...	12	16	13	24	25	8	...
	F.	34	...	1	...	1	12	10	5	2	...	2	1
10. Other tuberculous diseases	M.	9	3	2	...	1	1	1	1	...	...	...	...
	F.	5	1	...	1	...	...	...	...	...	...	...	...
11. Syphilis	M.	3	...	...	...	...	...	...	2	1	...	...	...
	F.	2	...	...	...	...	...	...	...	...	1	...	...
12. General paralysis of the insane, tabes dorsalis.	M.	10	...	...	...	...	...	...	3	2	3	1	1
	F.	1	...	...	...	...	...	...	...	1	...	...	...
13. Cancer, malignant disease	M.	167	...	...	...	...	1	5	8	16	47	72	18
	F.	152	...	...	1	...	...	2	5	32	45	40	27
14. Diabetes	M.	20	...	...	...	...	...	...	...	2	6	11	1
	F.	27	...	...	...	...	...	...	1	3	7	13	3
15. Cerebral hæmorrhage, etc.	M.	28	...	...	...	...	...	...	2	1	8	11	6
	F.	31	...	...	...	1	...	1	...	4	10	9	6
16. Heart disease	M.	360	...	...	2	2	4	2	6	24	70	132	118
	F.	195	...	...	...	2	13	4	10	20	37	88	121
17. Aneurysm	M.	7	...	...	...	...	...	...	...	3	2	2	...
	F.	2	...	...	...	...	...	...	...	...	1	...	...
18. Other circulatory diseases	M.	68	...	...	...	...	...	1	1	7	20	20	19
	F.	78	...	...	...	...	...	2	1	1	19	32	23
19. Bronchitis	M.	44	1	...	1	...	2	2	1	9	10	9	9
	F.	27	2	...	...	...	1	...	1	2	3	5	13

VII.—STATISTICS PROVIDED BY THE REGISTRAR
GENERAL.

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE METROPOLITAN BOROUGH OF STEPNEY, 1939—(continued).

CAUSES OF DEATH.	Sex.	All Ages.	0—	1—	2—	5—	15—	25—	35—	45—	55—	65—	75—
20. Pneumonia (all forms) ...	M.	94	10	2	...	1	1	2	3	12	17	25	21
	F.	64	7	1	...	...	...	3	2	4	16	21	10
21. Other respiratory diseases ...	M.	13	...	1	...	1	...	...	...	2	1	4	4
	F.	2	...	...	...	...	1	...	...	...	...	1	...
22. Peptic ulcer ...	M.	19	...	...	...	...	...	1	2	3	6	3	4
	F.	3	...	...	...	...	...	...	...	...	2	1	...
23. Diarrhoea, etc. [Under 2 yrs.]	M.	11	10	1	...	...	...	...	...	...	...	...	...
	F.	8	8	...	...	...	...	...	...	...	...	...	...
24. Appendicitis ...	M.	7	...	...	...	...	2	1	1	1	1	1	...
	F.	5	...	...	...	1	1	...	...	...	1	1	1
25. Cirrhosis of liver ...	M.	5	...	...	...	...	...	...	...	2	1	...	2
	F.	2	...	...	...	...	...	...	1	1	1	...	...
26. Other diseases of liver, etc. ...	M.	1	...	...	...	...	1	...	2	...	...	1	1
	F.	5	...	...	...	...	...	...	...	...	...	...	...
27. Other digestive diseases ...	M.	20	3	...	...	...	2	...	3	2	3	3	4
	F.	23	4	...	...	1	1	1	...	2	9	2	3
28. Acute and chronic nephritis ...	M.	26	1	...	...	...	...	4	1	4	7	3	6
	F.	33	...	...	...	...	3	2	2	7	5	8	6
29. Puerperal sepsis ...	F.	2	...	...	...	...	...	1	1	...	...	...	...
30. Other puerperal causes ...	F.	6	...	...	...	...	...	2	3	1	...	...	...
31. Congenital debility, premature birth, malformations, etc.	M.	39	37	1	...	1	...	...	...	...	...	...	...
	F.	16	16	...	...	...	...	...	...	...	...	...	...
32. Senility ...	M.	3	...	...	...	...	...	...	...	...	1	1	1
	F.	9	...	...	...	...	...	...	...	...	...	1	8
33. Suicide ...	M.	10	...	...	...	...	...	1	4	3	1	...	1
	F.	6	...	...	...	...	...	1	1	1	...	2	1
34. Other violence ...	M.	64	1	1	1	4	3	8	3	9	11	11	12
	F.	29	...	...	1	3	...	3	1	...	6	6	9
35. Other defined causes ...	M.	98	9	1	...	1	4	9	5	7	23	24	15
	F.	62	5	...	2	1	4	5	5	8	9	12	11
36. Causes ill-defined, or unknown	M.	—	...	...	...	...	...	...	...	...	...	...	...
	F.	1	...	...	...	...	...	...	...	...	...	...	1

- (1) ESTIMATED POPULATION ... (a) For Birth-rate ... 197,200
 (b) For Death-rate ... 183,600

(2) LIVE BIRTHS—

	For Birth-rate		For Infant and Maternal Mortality.	
	Male.	Female.	Male.	Female.
Total (Legitimate and Illegitimate) ...	1,309	1,157	1,268	1,113
Illegitimate	46	47	46	47

STILL BIRTHS—

Total (Legitimate and Illegitimate) ...	48	31
Illegitimate	2	2

(3) DEATHS UNDER ONE YEAR—

Legitimate—Males 74. Females 44. Illegitimate—Males 9. Females 1.

(4) NOTIFIABLE INFECTIOUS DISEASES—

(number of cases notified during the 52 weeks ended 30th December, 1939)

Smallpox	Scarlet fever	Diphtheria	Enteric fever	Pneumonia	Puerperal fever	Pueperal pyrexia	Erysipelas
—	412	204	3	220	5	22	107

(5) AREA COMPARABILITY FACTOR—

applicable to the "All Causes" crude death rate only, 1.17

Birthrates, Deathrates, Analysis of Mortality } England and Wales, London,
 Maternal Mortality, and Case-notes for } 126 Great Towns and 148
 certain Infectious Diseases in the year 1939. } Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns.)

	England and Wales.	126 County Boroughs and Great Towns including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 census).	London Administrative County.
Rates per 1,000 population.				
<i>Births</i> :—				
Live	15.0	14.8	15.6	12.3
Still	0.59	0.59	0.57	0.44
<i>Deaths</i> :—				
All causes	12.1	12.0	11.2	11.9
Typhoid and Paratyphoid Fever	0.00	0.00	0.00	0.00
Small-pox	—	—	—	—
Measles	0.01	0.01	0.01	0.00
Scarlet Fever	0.01	0.00	0.00	0.00
Whooping Cough	0.03	0.03	0.02	0.03
Diphtheria	0.05	0.05	0.04	0.02
Influenza	0.21	0.19	0.20	0.18
<i>Notifications</i> :—				
Small-pox	0.00	—	—	—
Scarlet Fever	1.89	1.96	1.78	1.53
Diphtheria	1.14	1.21	1.16	0.98
Enteric Fever	0.04	0.03	0.04	0.03
Erysipelas	0.34	0.40	0.31	0.37
Pneumonia	1.02	1.21	0.89	0.99
Rates per 1,000 Live Births.				
Deaths under 1 year of age	50	53	40	48
Deaths from Diarrhoea and Enteritis under 2 years of age	4.6	6.3	3.0	8.2
<i>Maternal Mortality</i> :—				
Puerperal Sepsis	0.77	} Not available.		
Others	2.16			
Total	2.93			
Rates per 1,000 Total Births (Live and Still.)				
<i>Maternal Mortality</i> :—				
Puerperal Sepsis	0.74	} Not available.		
Others	2.08			
Total	2.82			
<i>Notifications</i> :—				
Puerperal Fever	} 14.35	17.26	12.99	{ 3.31
Puerperal Pyrexia ... ..					14.22

Summary of Borough Analyst's Report for the Year 1939.

1,665 samples were submitted for examination. Of these 1,542 consisted of foods and drugs. The remaining samples were received from various Borough Departments and Private Purchasers.

Out of 850 formal samples 45 or 5.3 per cent. were adulterated, and of 692 informal samples 39 or 5.6 per cent. were adulterated, making a total of 1,542 samples, out of which 84 or 5.4 per cent. were adulterated. Of the samples taken under the Act 1,410 consisted of foods, and of these 76 or 5.4 per cent. were adulterated (19 samples contained an allowed amount of preservative). Of 132 drugs 8, or 6.1 per cent., were adulterated.

Legal Proceedings.—Offences were committed in 87 cases. These were dealt with as shown below :—

			<i>Adulterated.</i>	<i>Other offences.</i>	<i>Total.</i>
Formal	{	Proceedings	28	3	31
		Caution	15	—	15
		No action	2	—	2
Informal		...	39	—	39
			<hr/> 84	<hr/> 3	<hr/> 87

Fines and costs totalled £95 15s. 0d.

Milk.—845 samples of milk were examined. The average composition, including 24 adulterated samples, was :—Fat, 3.48 per cent., and solids-not-fat, 8.72 per cent. 34 samples of milk taken from hospitals, etc. averaged :—Fat, 3.58 per cent. and solids-not-fat, 8.79 per cent. 30 samples of milk taken from schools averaged :—Fat, 3.34 per cent. and solids-not-fat, 8.69 per cent.

ADULTERATED SAMPLES.

NATURE.	ADULTERATED.			Legal Proceedings.	Fines.	Costs.
	Informal.	Formal.	Percentage Adulterated.			
<i>Foods.</i>						
Bread and Butter ...	22	18	16.7	15	£ s. d. 28 0 0	£ s. d. 28 7 0
Cream	1	1	50.0	—	—	—
Cream Cheese ...	2	—	11.8	—	—	—
Ground Ginger ...	3	—	50.0	—	—	—
Lard	1	—	20.0	—	—	—
Milk	3	21	2.8	13	8 0 0	21 11 0
Suet	1	1	20.0	—	—	—
Vinegar	1	1	66.7	—	—	—
<i>Drugs.</i>						
Ammoniated Quinine Tablets	2	1	27.3	—	—	—
Liniment of Turpentine	1	1	100	—	—	—
Parrish's Food ...	1	1	50.0	—	—	—
Sulphur Ointment ...	1	—	16.7	—	—	—

Poor quality samples.—44 samples, including 21 samples of milk, were reported as of inferior grade or doubtful quality.

Offences other than Adulteration.—In three cases vendors paid a total of £9 17s. 0d. in fines and costs.

Miscellaneous Samples.—123 miscellaneous samples were submitted for analysis. These included 11 cowshed samples (5 of which were below the standard). Of the remaining 112 samples 85 were foods, and of these 14, or 16.5 per cent., were unsatisfactory.

D. HENVILLE,
Borough Analyst.

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