

[Report of the Medical Officer of Health for Poplar, Metropolitan Borough].

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Metropolitan Borough of Poplar.

ANNUAL REPORT

FOR THE

YEAR 1920,

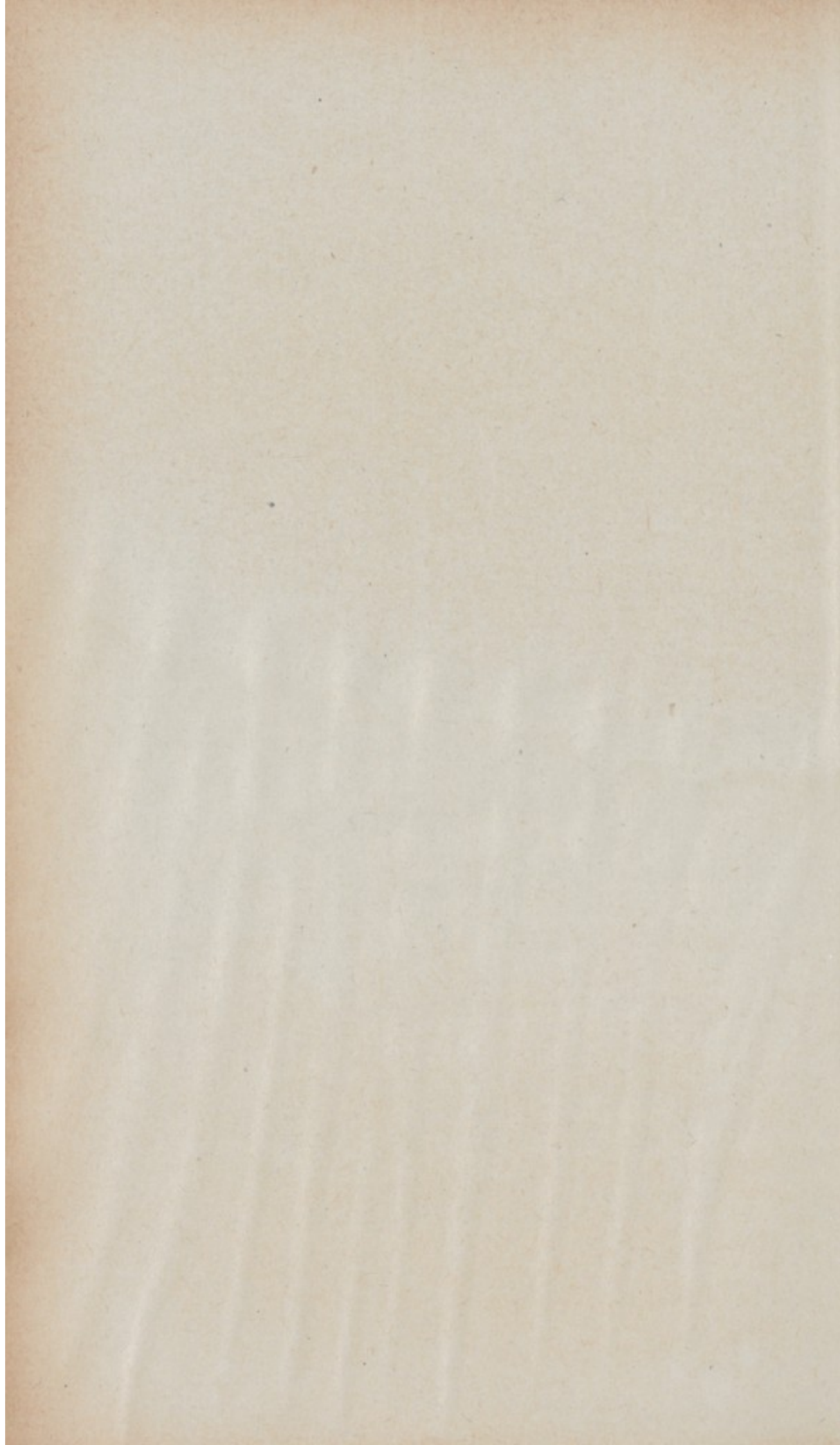
ON

The Sanitary Condition and Vital Statistics of the
Metropolitan Borough of Poplar, comprising the
Registration Sub-districts of POPLAR, BROMLEY
and BOW.

BY

FREDK. WM. ALEXANDER,

Medical Officer of Health.



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SUMMARY OF VITAL STATISTICS FOR 1920.

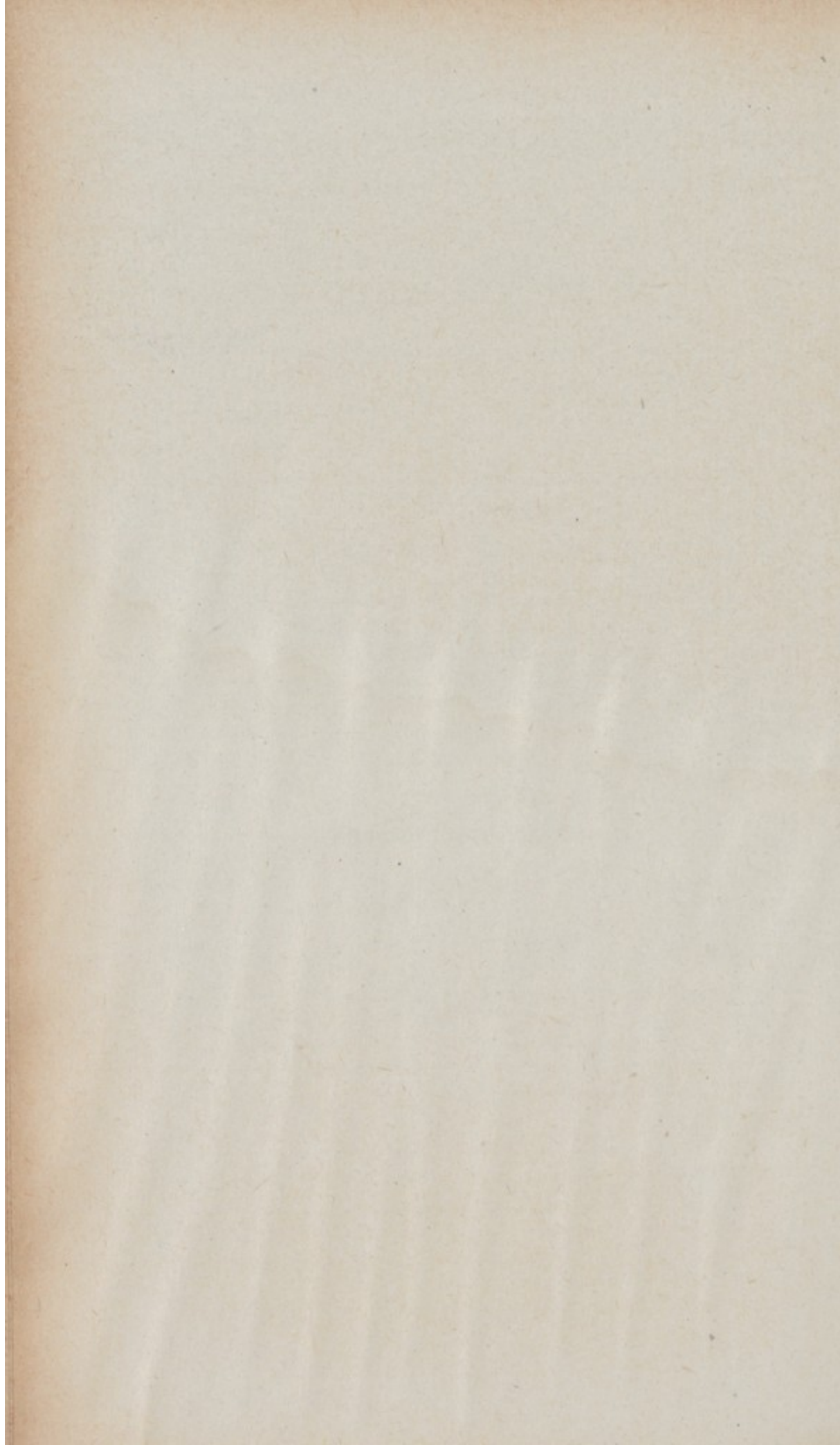
Area of Borough (excluding Water)*	2,136 acres
" Poplar Sub-District	1,004 "
" Bromley	589 "
" Bow	543 "
Population (Census 1911)—Borough	162,442
" Poplar Sub-District	56,393
" Bromley	65,226
" Bow	40,823
" **Estimated to Middle of 1920—Borough	159,766
" Poplar Sub-District	159,941
" Bromley	55,503
" Bromley	55,563
" Bromley	63,970
" Bow	64,041
" Bow	40,293
" Bow	40,337
Density†—Borough	74.79
" Poplar Sub-District	55.28
" Bromley	108.60
" Bow	74.20
Marriages—Borough	2,986
" Poplar Sub-District	1,286
" Bromley	1,172
" Bow	528
Births—Borough	5,457
" Poplar Sub-District	1,841
" Bromley	2,294
" Bow	1,322
Birth Rate—Borough	34.11
" Poplar Sub-District	33.13
" Bromley	35.82
" Bow	32.77
Deaths—Borough	2,352
" Poplar Sub-District	818
" Bromley	931
" Bow	603
Death Rate—Borough	14.72
" Poplar Sub-District	14.73
" Bromley	14.55
" Bow	14.96
Infantile Mortality—Borough	81 per 1,000 births
" Poplar Sub-District	83 "
" Bromley	75 "
" Bow	90 "
Inhabited Houses (Census 1911)—Borough	22,472
" Poplar Sub-District	8,201
" Bromley	8,721
" Bow	5,550

		*Land and Inland Water.	Inland Water only	Tidal Water and Foreshore.
		Acres.	Acres.	Acres.
Sub-Districts	Bow ..	555.7	12.5	9.8
	Bromley ..	605.8	17.3	19.1
	Poplar ..	1166.2	161.9	296.9
Borough ..		2327.7	191.7	325.8

The last column "tidal water and foreshore" is *not* included in the first column and therefore must not be deducted to arrive at "land" area.

** See *italics* end of first paragraph, page 2.

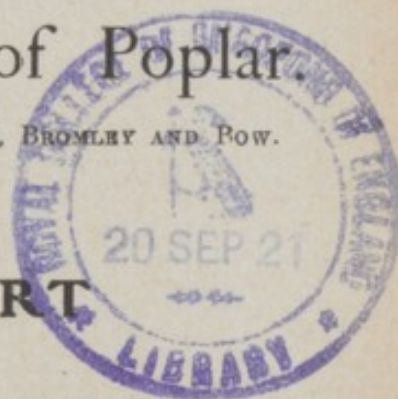
Without water.



Metropolitan Borough of Poplar.

COMPRISING THE REGISTRATION SUB-DISTRICTS OF POPLAR, BROMLEY AND BOW.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.



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

SIR, LADIES AND GENTLEMEN,

In accordance with the "Sanitary Officers' (London) Order, 1891," of the Local Government Board, dated 8th December, 1891, I have the pleasure of submitting to you my twenty-eighth Annual Report, which deals with the year 1920. The reports of the Tuberculosis Officer, the Chief Health Visitor, and the Clinic Dental Surgeon are appended, but those of the Sanitary Inspectors have not been printed, the work as far as possible being shown in tabulated form.

VITAL STATISTICS.

The population of the Borough, calculated by the Registrar General is 159,766 for the death rate and 159,941 for the birth rate†:—

London.	Poplar.	Bromley.	Bow.
4,531,971 † ..	55,503 ..	63,970 ..	40,293
4,552,907 † ..	55,563 ..	64,041 ..	40,337

being 68·63 per acre for the Borough of Poplar, 47·59 per acre in Poplar Sub-District, 105·59 in Bromley, and 72·50 in Bow.* These estimated populations are the figures used in calculating the various rates in the present Report.

* These figures are calculated upon the acreage of the district including the inland water area, not tidal and foreshore. Exclusive of area covered by water they are:— 74·79 per acre for the Borough of Poplar, 55·28 for the Sub-District of Poplar, 108·60 for the Sub-District of Bromley, and 74·20 for the Sub-District of Bow. County of London 60·0 (Census 1911).

† Based on the returns furnished under the scheme for rationing of food.

† See *italics* end of first paragraph, page 2.

The rates in Tables IV., V., VI., and VII., for 1915-1920, were calculated upon the populations estimated by the Registrar General.

The following estimates of population have been adopted in the General Register Office, Somerset House, for the calculation of the death rate and birth rate of the Borough for the year 1920 :

For the death rate	..	..	..	159,766
„ „ birth „	..	..	..	159,941

During the year 1920 births took place in institutions within the Borough as follows :—

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>	<i>Remarks.</i>
Poplar Institution	... 25	23	48	All Poplar Borough births except one male and one female.
St. Andrew's Hospital...	13	27	40	All Poplar Borough births except eight females.
Bromley House Institution	9	7	16	14 Stepney births, one Swanley, and one Poplar.
31, Sturry Street	... 0	0	0	
231, Brunswick Road ...	12	11	23	11 Poplar Borough births, remainder non-residents.

The number of births as per headings of Registrars' weekly returns was as follows :—

	<i>Males.</i>	<i>Females.</i>	<i>Totals.</i>
Poplar ..	887	790	1,677
Bromley ..	1,120	1,075	2,195
Bow ..	634	601	1,235
Totals ..	2,641	2,466	5,107

The corrected number of births with additions and subtractions is as follows :—*

	<i>Males.</i>	<i>Females.</i>	<i>Totals.</i>
Poplar ..	955	886	1,841
Bromley ..	1,176	1,118	2,294
Bow ..	683	639	1,322
Totals† ..	2,814	2,643	5,457

* See page 3.

† See page 4, Transferable Births.

<i>Particulars.</i>	<i>Males.</i>	<i>Females.</i>	<i>Totals.</i>
<i>*POPULAR (SUB-DISTRICT).</i>			
Registrar's Weekly Returns	887	790	1,677
<i>Births occurring outside the Sub-District of persons belonging thereto :—</i>			
Mothers' Home, Commercial Road ...	59	82	187
London Hospital	4	3	
St. Bartholomew's Hospital	1	—	
City of London Lying-in Hospital ...	1	1	
Stepney Borough	2	—	
St. Andrew's Hospital... ..	3	5	
Brunswick Road, Bromley S.D. ...	2	4	
City of London Workhouse	1	—	
Bromley House Institution	—	1	
Queen Charlotte's Hospital	1	2	
Chelsea Borough	1	1	
Royal Free Hospital	—	1	
Guy's Hospital... ..	1	—	
Paddington Green Children's Hospital	1	2	
Maternity Hospital, St. Pancras ...	—	1	
St. Marylebone Workhouse	1	—	
St. Marylebone Borough	—	1	
Islington Borough	1	—	
Southwark Borough	1	—	
Lewisham Borough	1	—	
Hornsey M.C.	1	—	
Beckenham	—	1	
<i>Births occurring within the Sub-District of persons not belonging thereto :—</i>			
Poplar Insti- { Bromley	7	6	23
tution { Bow	7	1	
{ Others	—	2	
31, Sturry Street	—	—	1,841
Births, nett	955	886	

BROMLEY.

Registrar's Weekly Returns	1,120	1,075	2,195
<i>Births occurring outside the Sub-District of persons belonging thereto :—</i>			
Mothers' Home, Commercial Road ...	63	57	162
Poplar Institution	7	6	
City of London Lying-in Hospital ...	2	5	
London Hospital	4	—	
Lying-in Hospital, Lambeth	1	—	
Salvation Army Hospital	—	1	
Queen Mary's Hospital	1	3	
Paddington Green Children's Hospital	1	1	
Kensington Workhouse	—	1	
Hackney Borough	2	—	
Northampton	1	—	
St. Pancras Borough	—	1	
Stepney Borough	1	1	
Teddington	1	—	
West Ham C.B.	1	—	
Westminster, City of	—	1	
<i>Births occurring within the Sub-District of persons not belonging thereto :—</i>			
St. Andrew's Hospital	11	19	63
Bromley House Institution	9	7	
231, Brunswick Road	9	8	
Births, nett	1,176	1,118	2,294

<i>Particulars.</i>	<i>Males.</i>	<i>Females.</i>	<i>Totals.</i>
Bow.			
Registrar's Weekly Returns	634	601	1,235
<i>Births occurring outside the Sub-District of persons belonging thereto :—</i>			
Mothers' Home, Commercial Road ...	12	8	
Poplar Institution	7	1	
St. Andrew's Hospital	5	6	
London Hospital	5	7	
City of London Lying-in Hospital ...	4	6	
Salvation Army Hospital, Hackney	3	1	
Queen Charlotte's Hospital	1	—	
Elizabeth Garrett Anderson Hospital	—	1	
Forest Gate Sick Home	1	1	
Queen Mary's Hospital, West Ham ...	3	1	38
St. Bartholomew's Hospital	1	2	87
Whitechapel Infirmary	1	1	
Hackney Borough	2	—	
Hampstead Borough	1	—	
Ilford U.D.C.	1	—	
Paddington Borough	1	—	
Stepney Borough	1	2	
Wanstead U.D.C.	—	1	
Births, nett	683	639	1,322

Transferable Births Registered during the year 1920.

At the beginning of the year 1921 the Registrar-General afforded the following information for the year ended 31st December, 1920 :—

	Registered Births.	Inward Transfers.	Outward Transfers.
Legitimate—Males ..	2,576	178	9
Females ..	2,434	181	13
Illegitimate—Males ..	57	14	5
Females ..	49	16	8
<hr/>	<hr/>	<hr/>	<hr/>
Total—Males ..	2,633	192	14
Females ..	2,483	197	21

The corrected total births for the Borough, according to the Registrar General, is :—

Males.	Females.	Total.
2,811	2,659	5,470

giving a rate of 34·20 per 1,000 inhabitants.

The number of illegitimate births belonging to the Borough, according to the Registrar General, is :—

Males.	Females.	Total.
66	57	123

The annual birth rate per 1,000 living being :—

	Poplar.	Bromley.	Bow.	Borough of Poplar.	County of London.
1916	.. 26.86	.. 27.97	.. 25.32	.. 26.92	.. 21.5
1917	.. 23.40	.. 23.94	.. 21.49	.. 23.13	.. 17.5
1918	.. 20.88	.. 21.35	.. 18.56	.. 20.48	.. 16.1
1919	.. 26.08	.. 25.49	.. 21.42	.. 24.67	.. 18.5
1920	.. 33.13	.. 35.82	.. 32.77	.. 34.11	.. 26.5*

MARRIAGES.

During the year the marriages of 2,986 persons were registered in the Borough, giving an annual rate of 18.66 per 1,000 of the estimated population, the rate for England and Wales being 20.1, and for London 21.6.

The annual marriage rate per 1,000 living being :—

	Poplar.	Bromley.	Bow.	Borough of Poplar.	County of London.
1916	.. 22.11	.. 15.62	.. 13.60	.. 17.37	.. 19.0
1917	.. 19.55	.. 13.93	.. 11.45	.. 15.25	.. 17.5
1918	.. 23.12	.. 13.70	.. 12.72	.. 16.73	.. 19.4
1919	.. 14.28	.. 17.50	.. 34.92	.. 20.78	.. 22.1
1920	.. 23.14	.. 18.30	.. 13.08	.. 18.66	.. 21.6

DEATHS.

During the year 2,318 deaths were registered in the Borough of Poplar, 473 deaths having occurred in the Sub-District of Poplar, 1,522 in Bromley, and 323 in Bow; from the 473 deaths which took place in Poplar there must be deducted 31 deaths of non-residents, and to the remainder must be added 376 deaths which occurred in outlying institutions, making a total of 818 deaths of Poplar parishioners. Treating the 1,522 registered deaths in Bromley in a similar manner, viz., deducting 763 deaths of non-parishioners and adding 172 deaths in outlying institutions, the deaths to be assigned to this sub-district will be found to be 931. From the 323 Bow deaths, there must be deducted 2 non-residents and added 282 deaths in outlying institutions, making a total of 603 deaths.

* The rate in England and Wales in 1920 was 25.4 per 1,000 of the estimated population.

In dealing separately with the sub-districts as above, it will be seen by referring to Tables I., II., and III., that in considering the deaths of non-residents and those from outlying institutions, certain additions and deductions from the sub-districts have to be made in respect of themselves, but when considering the Borough as a whole, then from the 2,318 deaths which were registered there must be deducted 410 deaths of actual non-residents, and 444 deaths in institutions entirely outlying must be added, making a total for the Borough of 2,352 upon which the death rate is calculated.

The 818 deaths in Poplar included 15 illegitimate children, 9 male and 6 female; the 931 deaths in Bromley included 15 illegitimate children, 8 male and 7 female; the 603 Bow deaths included 5 illegitimate children, 3 male and 2 female, making a total for the Borough of 35 deaths of illegitimate children, 20 male and 15 female.

		<i>Males.</i>		<i>Females.</i>		<i>Totals.</i>
Poplar	..	461	..	357	..	818
Bromley	..	496	..	435	..	931
Bow	..	311	..	292	..	603
		—		—		—
Totals	..	1,268	..	1,084	..	2,352

The male births in the Borough exceeded those of the female by 171, and the male deaths exceeded those of the female by 184 which makes a gain of 13 females.

The following figures are the death rates per 1,000 living for the past 5 years (see page 2):—

		Poplar.		Bromley.		Bow.		Borough of Poplar.		County of London
1916	..	17.07	..	15.91	..	15.77	..	16.27	..	14.3
1917	..	18.36	..	16.76	..	14.89	..	16.84	..	15.0
1918	..	23.87	..	22.32	..	21.98	..	22.77	..	18.9
1919	..	15.17	..	14.14	..	13.75	..	14.40	..	13.4
1920	..	14.73	..	14.55	..	14.96	..	14.72	..	12.4

It should be borne in mind that, in studying death rates, comparison should be made with those of districts the inhabitants of which exist under similar conditions. See Table XVII., page 41, East Districts.

ZYMOTIC DISEASES.

Measles, scarlet fever, pertussis, diphtheria and membranous croup, fever small-pox, diarrhœa and enteritis.

Death rates per 1,000 living.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	1.52	..	1.52	..	1.55	..	1.53
1917	..	1.64	..	2.07	..	1.43	..	1.76
1918	..	2.08	..	2.30	..	2.13	..	2.18
1919	..	1.19	..	0.82	..	1.18	..	1.04
1920	..	1.24	..	1.31	..	1.61	..	1.36

Proportion of deaths to 1,000 deaths from all causes.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	89.13	..	95.15	..	98.86	..	94.25
1917	..	89.61	..	123.57	..	96.47	..	104.67
1918	..	87.29	..	103.44	..	96.89	..	95.97
1919	..	79.01	..	58.62	..	86.30	..	72.75
1920	..	84.35	..	90.22	..	107.79	..	92.68

RESPIRATORY DISEASES.

Bronchitis, pneumonia (all forms) and other diseases of respiratory organs

Death rates per 1,000 living.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	3.47	..	3.49	..	3.78	..	3.55
1917	..	3.63	..	4.33	..	3.12	..	3.78
1918	..	5.05	..	4.99	..	4.26	..	4.83
1919	..	2.97	..	3.25	..	2.63	..	3.00
1920	..	3.69	..	3.82	..	3.47	..	3.69

Proportion of deaths to 1,000 deaths from all causes.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	203.26	..	219.62	..	239.86	..	218.61
1917	..	197.81	..	258.56	..	209.64	..	224.65
1918	..	211.75	..	223.73	..	193.79	..	212.08
1919	..	196.29	..	229.88	..	191.36	..	208.31
1920	..	250.61	..	263.14	..	232.11	..	250.85

INFANT MORTALITY.*

INFANTILE MORTALITY ; NOTIFICATION OF BIRTHS ACT, 1907.

INFANTILE MORTALITY.

There were 153 deaths of children under one year of age belonging to Poplar, 174 deaths under one year of age belonging to Bromley, and 120 deaths under one year of age belonging to Bow, making a total for the Borough of 447.† The death rates of children under one year per 1,000 births for the past 13 years being :—

							Borough of	County of
	Poplar.		Bromley.		Bow.		Poplar.	London.
1908	.. 118.49	..	126.50	..	119.36	..	123.83	.. 113
1909	.. 128.92	..	132.86	..	128.32	..	130.40	.. 108
1910	.. 114.79	..	119.81	..	125.31	..	119.38	.. 103
1911	.. 157.02	..	158.02	..	161.42	..	158.50	.. 129
1912	.. 119.59	..	103.83	..	101.07	..	108.40	.. 90
1913	.. 107.97	..	117.56	..	112.11	..	112.90	.. 105
1914	.. 108.47	..	118.31	..	127.64	..	117.21	.. 104
1915	.. 137.78	..	120.98	..	152.15	..	133.98	.. 112
1916	.. 104.12	..	111.11	..	90.90	..	103.89	.. 89
1917	.. 94.61	..	97.19	..	92.27	..	95.13	.. 103
1918	.. 112.87	..	106.20	..	101.09	..	107.39	.. 107
1919	.. 82.75	..	80.78	..	87.86	..	83.05	.. 85
1920	.. 83.10	..	75.85	..	90.77	..	81.91**..	75

* For Tables of Infantile Mortality, see Tables XIII., XIV., XV. and XVI., pages 37-40.

† The 447 deaths of infants under one year of age include deaths in outlying institutions and allow for deductions of non-residents.

** See Health Visitor's Report (page 101). Mortality rate among infants visited was 69.0 per 1,000. The infants visited are for the most part in the poorest portions of the Borough, and the rate refers to those born in 1919. In 1910 and 1911 the rates were 105.69 and 115.62, because diarrhoea was prevalent in 1911.

The infantile mortality rate is based on *deaths* occurring in any one year and births occurring in that and the preceding year. The rate of mortality amongst infants visited by Health Visitors is calculated upon *births* occurring in one particular year and deaths in that and the following year. The children born in 1910 and dying during 1910-11 are shown in the rate for 1910, so that the diarrhoea months June, July, August and September of 1911 affected not only the children born in 1911, but also those born in 1910 who had not yet reached one year of age, hence the higher rates amongst infants visited during the two years 1910 and 1911.

1908	..	..	Mortality rates amongst infants visited	..	104.19
1909	..	..	"	..	98.75
1910	..	..	"	..	105.69
1911	..	..	"	..	115.62
1912	..	..	"	..	90.10
1913	..	..	"	..	83.20
1914	..	..	"	..	117.00
1915	..	..	"	..	98.20
1916	..	..	"	..	78.07
1917	..	..	"	..	79.2
1918	..	..	"	..	67.9
1919	..	..	"	..	69.0

NOTIFICATION OF BIRTHS ACT, 1907.

During the year 5,049 notifications were received under the Notification of Births Act, 1907.

OPHTHALMIA NEONATORUM.

NOTIFICATIONS OF OPTHALMIA NEONATORUM.

Sixty-one cases of Ophthalmia Neonatorum were notified during the year—25, Poplar; 25, Bromley; and 11, Bow.

Six cases were treated in hospitals—3, Poplar; 0, Bromley; and 3, Bow.

SUMMARY, 1920.

District.	Notifications. (1.)	Actual Cases. (2.)	Midwives' Notifications.† (3.)	Notified by Midwives only. (4.)
Poplar ...	37	25	12	4
Bromley ...	35	25	14	9
Bow ...	14	11	1	1
Grand Totals	86	61	27	14*

* Included in Cols. 1, 2 and 3.

† Also notified by medical men.

RESULTS, ETC., OF CASES OF OPTHALMIA NEONATORUM, 1914-1920.

Year.	Number of Cases Notified.	Died while under Supervision.	Removed while under Supervision.	Born in Poplar Institution, not visited.	Sight of One Eye— Damaged. Destroyed.		Recovered.
1914	75	2	—	—	—	—	73
1915	64	1	—	—	—	1*	62
1916	60	—	—	—	—	—	60
1917	39	1	—	1	1†	—	36
1918	40	—	—	—	1†	—	39
1919	61	—	—	—	—	1*	60
1920	61	1	1	—	—	—	59
Totals	400	5	1	1	2	2	389

* Midwife attended.

† Doctor attended.

AGE MORTALITY.

The numbers of deaths from one year to 65 years of age was 468 for Poplar, 531 for Bromley, and for Bow 327, making a total for the Borough of Poplar of 1,326. The annual death rates per 1,000 living for the past 5 years being:—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	9.98	..	8.88	..	8.23	..	9.10
1917	..	11.05	..	9.68	..	8.73	..	9.92
1918	..	15.28	..	14.73	..	14.03	..	14.74
1919	..	8.69	..	7.93	..	7.32	..	8.04
1920	..	8.43	..	8.30	..	8.11	..	8.29

The numbers of deaths over 65 years was 197 for Poplar, 226 for Bromley, and 156 for Bow, making a total of 579 for the whole Borough. The annual death rates per 1,000 living for the past 5 years being:—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	4.04	..	3.63	..	5.03	..	4.13
1917	..	4.83	..	4.49	..	3.95	..	4.47
1918	..	5.94	..	5.04	..	5.85	..	5.56
1919	..	4.23	..	4.06	..	4.46	..	4.22
1920	..	3.54	..	3.53	..	3.87	..	3.62

TUBERCULAR DISEASES.*

(Deaths at all ages.)

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	138	..	120	..	68	..	326
1917	..	138	..	126	..	73	..	337
1918	..	140	..	127	..	89	..	356
1919	..	84	..	86	..	52	..	222
1920	..	99	..	101	..	64	..	264

* Including phthisis.

Death rates per 1,000 persons living.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	2.56	..	1.93	..	1.73	..	2.10
1917	..	2.76	..	2.19	..	2.01	..	2.34
1918	..	2.88	..	2.27	..	2.52	..	2.55
1919	..	1.57	..	1.39	..	1.34	..	1.44
1920	..	1.78	..	1.57	..	1.58	..	1.65

Proportion of deaths to 1,000 deaths from all causes.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	150.00	..	121.45	..	110.21	..	129.10
1917	..	150.81	..	130.84	..	135.43	..	138.60
1918	..	121.00	..	101.84	..	114.98	..	112.02
1919	..	103.70	..	98.85	..	97.56	..	100.31
1920	..	121.02	..	108.48	..	106.13	..	112.24

PHTHISIS.

Deaths (all ages).

		Poplar.		Bromley.		Bow.		Borough of Poplar
1916	..	96	..	97	..	59	..	252
1917	..	113	..	100	..	63	..	256
1918	..	112	..	112	..	74	..	298
1919	..	74	..	74	..	47	..	195
1920	..	84	..	85	..	54	..	223

PREVENTION OF CONSUMPTION.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

TREATMENT OF TUBERCULOSIS.

NOTIFICATIONS; SUMMARIES OF NOTIFICATIONS RECEIVED; NUMBER OF NOTIFICATIONS ON FORM "D"; ACTUAL NUMBER OF CASES ON REGISTER, END OF YEAR 1920; BACTERIOLOGICAL EXAMINATIONS; THE BOROUGH OF POPLAR DISPENSARY FOR THE PREVENTION OF CONSUMPTION; DEATHS, TUBERCULAR DISEASES AND PHTHISIS—NUMBERS AND RATES, SEE PAGES 10 AND 11
DISINFECTION OF ROOMS AND ARTICLES, SEE PAGE 50; REPORT OF TUBERCULOSIS OFFICER, SEE PAGE 96.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 4th January, 1920, to the 1st January, 1921, in

POPLAR (WHOLE BOROUGH)

Age Periods	Notifications on Form A.													Notifications on Form B.					Number of Notifications on Form C.	
	Number of Primary Notifications.												Total Notifications on Form A.	Number of Primary Notifications.				Total Notifications on Form B.		
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards.	Total Primary Notifications		Under 5	5 to 10	10 to 15	Total Primary Notifications			
	Pulmonary—																			
Males ...	2	13	27	14	20	20	48	57	43	22	4	270	348	—	2	3	5	5	6	127
Females ...	2	7	19	14	30	25	55	40	27	8	1	228	290	—	1	—	1	2	7	58
Non-Pulmonary—																				
Males ...	2	17	27	10	3	1	1	4	1	2	—	68	83	1	3	2	6	10	2	6
Females ...	4	15	24	21	10	3	5	3	1	1	1	88	97	1	4	3	8	12	2	10
Totals ...	10	52	97	59	63	49	109	104	72	33	6	654	818	2	10	8	20	29	17	201

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 4th January, 1920, to the 1st January, 1921, in

POPLAR (SUB-DISTRICT).

Age Periods.				Notifications on Form A.											Notifications on Form B.					Number of Notifications on Form C.			
				Number of Primary Notifications.										Total Notifications on Form A.	Number of Primary Notifications.			Total Notifications on Form B.					
				0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65		65 and upwards.	Total Primary Notifications	Under 5		5 to 10	10 to 15	Total Primary Notifications	Poor Law Institutions.	Sana-toria.
Pulmonary—																							
Males ...				1	2	7	4	4	12	20	23	19	8	2	102	132	—	2	2	4	4	4	44
Females ...				2	3	5	7	9	4	13	19	9	3	—	74	95	—	1	—	1	2	1	22
Non-Pulmonary—																							
Males ...				2	6	12	5	1	—	—	2	—	—	—	28	34	1	2	1	4	7	1	1
Females ...				2	5	7	10	3	1	—	2	1	1	—	32	38	—	—	—	—	2	1	3
Totals ...				7	16	31	26	17	17	33	46	29	12	2	236	299	1	5	3	9	15	7	70

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 4th January, 1920, to the 1st January, 1921, in

BROMLEY (SUB-DISTRICT).

Age Periods.	Notifications on Form A.													Notifications on Form B.					Number of Notifications on Form C.	
	Number of Primary Notifications.												Total Notifications on Form A.	Number of Primary Notifications.				Total Notifications on Form B.		
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards.	Total Primary Notifications		Under 5	5 to 10	10 to 15	Total Primary Notifications			
Pulmonary—																				
Males ...	1	8	6	6	10	4	17	25	18	8	1	104	136	—	—	1	1	1	1	51
Females ...	—	4	7	5	13	10	24	15	7	2	1	88	115	—	—	—	—	—	3	19
Non-Pulmonary—																				
Males ...	—	7	8	2	1	1	—	1	1	1	—	22	28	—	1	1	2	3	1	4
Females ...	—	8	10	10	5	1	1	1	—	—	—	36	37	1	4	3	8	10	—	5
Totals ...	1	27	31	23	29	16	42	42	26	11	2	250	316	1	5	5	11	14	5	79

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 4th January, 1920, to the 1st January, 1921, in

BOW (SUB-DISTRICT)

Age Periods.	Notifications on Form A.													Notifications on Form B.				Number of Notifications on Form C.	
	Number of Primary Notifications.												Total Notifications on Form A.	Number of Primary Notifications.			Total Notifications on Form B.	Poor Law Institutions.	Sanatoria
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards.	Total Primary Notifications		Under 5	5 to 10	10 to 15	Total Primary Notifications		
Pulmonary—																			
Males ...	—	3	14	4	6	4	11	9	6	6	1	64	80	—	—	—	—	1	32
Females ...	—	—	7	2	8	11	18	6	11	3	—	66	80	—	—	—	—	3	17
Non-Pulmonary—																			
Males ...	—	4	7	3	1	—	1	1	—	1	—	18	21	—	—	—	—	—	—
Females ...	2	2	7	1	2	1	4	—	—	—	1	20	22	—	—	—	—	1	2
Totals ...	2	9	35	10	17	16	34	16	17	10	2	168	203	—	—	—	—	5	52

NUMBER OF NOTIFICATIONS ON FORM D. (CASES DISCHARGED FROM
POOR LAW INSTITUTIONS AND SANATORIA.)

			Poplar.	Bromley.	Bow.	Totals.
Poor Law Institutions	Pulmonary	M. ..	4	4	2	10
		F. ..	2	3	1	6
	Non- Pulmonary	M. ..	1	—	1	2
		F. ..	—	1	—	1
Sanatoria ..	Pulmonary	M. ..	41	44	28	113
		F. ..	21	18	12	51
	Non- Pulmonary	M. ..	1	3	3	7
		F. ..	5	—	2	7
Totals	Pulmonary	M. ..	45	48	30	123
		F. ..	23	21	13	57
	Non- Pulmonary	M. ..	2	3	4	9
		F. ..	5	1	2	8

ACTUAL NUMBER OF CASES ON REGISTER.

Corrected number of cases on Register at beginning of year 1920	4,903
Add New cases during year	683
	<hr/> 5,586
Deduct :—	
Died (<u>notified cases only</u>)	247
Removed, etc.	7
Arrested or cured	72
	<hr/> 326
Number of cases on Register beginning of 1921 ..	<hr/> 5,260

BACTERIOLOGICAL EXAMINATIONS.

During the year ended 31st December, 1920, 156 samples of sputum were bacteriologically examined at the Tuberculosis Dispensary. The Tubercle bacillus was found to be present in 36 instances (23·0 per cent.).

BOROUGH OF POPLAR DISPENSARY FOR THE PREVENTION OF CONSUMPTION.

This institution was taken over by the Poplar Borough Council 1st April, 1920.

Number of Notifications received during the year 1st January, to 31st December, 1920 :—

POPLAR (WHOLE BOROUGH).

Age Periods.	Notifications on Form A.											
	Number of Notifications.											
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total Notifi- cations
Pulmonary—												
Males ...	—	10	14	10	10	6	34	30	13	6	—	133
Females ...	—	4	13	9	17	19	40	33	13	7	—	155
Non-pulmonary—												
Males ...	—	15	13	7	1	—	2	1	—	—	—	39
Females ...	—	12	13	9	—	1	1	1	—	—	—	37
Totals ...	—	41	53	35	28	26	77	65	26	13	—	364

DISTRIBUTION OF CASES IN THE BOROUGH, ETC.

	Insured.	Uninsured.	Total.
Bromley	34	73	107
Bow	45	65	110
Poplar	46	101	147
Out of District ...	5	1	6
	130	240	370

The number of new cases who attended at the Dispensary during the year 1920 was 2,017 ; of these, 370 were tuberculous.

There was a total of 7,919 attendances at the Dispensary.

DEATHS, TUBERCULAR DISEASES AND PHTHISIS—

NUMBER AND RATES SEE PAGES 10 AND 11.

DISINFECTION OF ROOMS AND ARTICLES SEE PAGE 50.

REPORT OF TUBERCULOSIS OFFICER, SEE PAGE 96.

TABLE I.

Deaths during the year 1920 in the Poplar Sub-District of the Metropolitan Borough of Poplar, classified according to localities.

Names of localities adopted for the purpose of these statistics: public institutions being shown as separate localities.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total.
Poplar Sub-District	130	101	62	97	390
Poplar Institution	14	10	5	6	35
Baffin Buildings ... ..	...	...	1	...	1
Council Buildings ... ..	...	...	...	...	...
Grosvenor Buildings	8	4	2	2	16
Hanbury Buildings ... ..	...	...	...	...	...
Hudson Buildings ... ..	...	...	...	...	...
Montreal Buildings	3	...	...	...	3
Ontario Buildings ... ..	...	2	...	...	2
Ottawa Buildings ... ..	...	...	...	...	...
Prestage Buildings ... ..	...	...	...	...	...
Quebec Buildings ... ..	...	...	...	...	...
Toronto Buildings ... ..	...	...	...	...	...
Winnipeg Buildings ... ..	...	...	1	...	1
River Thames	2	4	2	3	11
East India Docks	2	1	1	1	5
West India Docks	3	...	1	...	4
South-West India Docks ... ..	...	...	...	...	...
Poplar Dock, G.W.R. ... ..	...	...	...	...	...
Millwall Docks	1	1	1	...	3
Orchard House Dry Dock ... ..	...	...	...	...	...
Limehouse Cut ... ..	...	...	...	...	...
Highway ... ..	...	1	...	1	2
Trinity Wharf ... ..	...	...	...	...	...
Bow Creek ... ..	...	...	...	...	...
Police Station ... ..	...	...	...	...	...
	163	124	76	110	473
Deaths occurring outside the sub-district among persons belonging thereto* +	87	98	94	97	376+
Deaths occurring within the sub-district among persons not belonging thereto —	8	10	4	9	31—
Deaths at all ages—nett	242	212	166	198	818

* Including 211 deaths in the Bromley Sub-District:—St. Andrew's Hospital, 172; Poplar Hospital, 37; and Bromley Sub-District, 2.

TABLE II.

Deaths during the year 1920 in the BROMLEY Sub-District of the Metropolitan Borough of Poplar, classified according to localities.

Names of localities adopted for the purpose of these statistics: public institutions being shown as separate localities.				1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total.
Bromley Sub-District	...	...	...	164	95	85	102	446
St. Andrew's Hospital	...	...	...	218	221	155	199	793
Bow Institution	...	...	...	22	19	22	28	91
Bromley House Institution	...	...	...	8	7	6	9	30
Poplar Hospital	...	...	...	40	32	47	40	159
Adelaide Buildings	...	...	...	...	...	...	...	...
Melbourne Buildings	...	...	...	...	...	...	...	...
Sydney Buildings	...	...	...	...	1	...	1	2
River Lee	...	...	...	...	...	...	...	...
Limehouse Cut	...	...	...	...	...	...	...	...
Highway	...	...	...	...	...	...	1	1
Bow Creek	...	...	...	...	...	...	...	...
				452	375	315	380	1522
Deaths occurring outside the sub-district among persons belonging thereto* +				50	33	27	62	172+
Deaths occurring within the sub-district among persons not belonging thereto —				204	198	170	191	763—
Deaths at all ages—nett				298	210	172	251	931

* Including 7 deaths in the Poplar Sub-District, viz. :—Poplar Institution, 5; and East India Docks, 2.

TABLE III.

Deaths during the year 1920 in the Bow Sub-District of the Metropolitan Borough of Poplar, classified according to localities.

Names of localities adopted for the purpose of these statistics: public institutions being shown as separate localities.				1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total.
Bow Sub-District	...	...	...	133	80	33	74	320
Highway	...	...	...	...	...	1	...	1
River Lee	...	...	...	...	...	1	...	1
Duckett's Canal	...	...	...	...	...	...	...	...
Bow Station, N. L. Ry.	...	...	...	1	...	...	...	1
				134	80	35	74	323
Deaths occurring outside the sub-district among persons belonging thereto*	...	...	...	61	74	67	80	282+
Deaths occurring within the sub-district among persons not belonging thereto	...	...	—	...	1	1	—	2—
Deaths at all ages—nett	...	...	...	195	153	101	154	603

* Including 168 deaths in other parts of the Borough (Poplar and Bromley Sub-Districts), viz.:—Poplar Institution, 7; St. Andrew's Hospital, 155; Poplar Hospital, 4; Highway, Poplar, 1; and Highway, Bromley, 1.

DEATHS FROM DROWNING, ETC., AND DEATHS OF PERSONS OF UNKNOWN ADDRESSES INCLUDED IN THE MORTALITY STATISTICS.

The following deaths have been included in the Mortality Statistics of the respective Sub-districts as there is no reason for believing that such deaths will be shown in the Mortality Tables of any other District :—

POPLAR (SUB-DISTRICT).

25th Feb.	s.s. <i>Ulm</i> , West India Dock.	Deck hand. Calcutta.	of Male, 41.	Found dead. Pneumonia. Natural. Inquest.
6th Mar.	Millwall Docks.	Unknown.	Male, 35.	Found dead. Suffocation by drowning, but how deceased got into the water and was so drowned evidence fails to prove. Inquest.
9th Mar.	River Thames, off Maconochies' Wharf	Unknown.	Female, about 5 minutes	Violent. Hæmorrhage from umbilical cord due to the cord not having been tied, and want of attention at birth, but under what circumstances evidence fails to prove. Inquest.
15th April.	River Thames, off Blackwall Stairs.	Unknown.	Male, about 5 minutes.	Found dead. Want of attention at birth, but under what circumstances the said male child was born and died evidence fails to prove. Inquest.
28th May.	East Ferry Road.	Unknown.	Male, half-hour.	Violent. Asphyxia by strangulation. Murder. Inquest.
29th Aug.	Millwall Docks.	Fireman, s.s. <i>Noelle</i> , Ireland.	Male, 23.	Violent. Suffocation by drowning caused by falling overboard while trying to sit on the rail while under the influence of alcohol. Inquest.
6th Dec.	River Thames, off Morton's Wharf.	Unknown.	Female, 5 minutes.	Found dead. Lack of attention at birth. Inquest.

BROMLEY (SUB-DISTRICT).

29th Mar.	Poplar Hospital.	Fireman, s.s. <i>Roon</i> , of Calcutta.	Male, 23.	Influenza. Broncho- pneumonia
1st June.	Poplar Hospital.	Unknown.	Male, 60.	Found dead. Angina pectoris. Natural. P.M. Inquest.
26th June.	Bromley House Institution.	Ship's Carpenter, of Rotterdam.	Male, 64.	Chronic Bronchitis, Asthma, and Syncope.
27th Dec.	Poplar Hospital.	Mess-room boy s.s. <i>Ville du Havre</i>	Male, 23.	Violent. Asphyxia by drowning, the deceased having fallen into the water in the East India Dock whilst attempting to go ashore from the ship. Accidental. P.M. Inquest.

TABLE IV.

Vital Statistics of Whole District during 1920 and Previous Years.

POPLAR (WHOLE BOROUGH).

Year.	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths†		Nett Deaths belonging to the District.				
		Uncorrected Number.	Nett.		Number.*	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.		
			Number.	Rate.					Number.*	Rate per 1000 Nett Births.	Number.*	Rate.	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1915	...	156,247	4585	4687	29·9	3139	20·0	587	507	628	134	3059	19·5
1916	...	155,095† 168,746†	4393	4543	26·9	2782	17·9	731	474	472	103	2525	16·2
1917	..	143,443† 159,898†	3578	3700	23·1	2812	19·6	901	506	352	95	2417	16·8
1918	...	139,530† 156,338†	2901	3203	20·4	3526	25·2	896	548	344	107	3178	22·7
1919	...	153,644† 160,051†	3671	3949	24·6	2337	15·2	549	425	328	83	2213	14·4
1920	...	159,766† 159,941†	5107	5457	34·1	2318	14·5	410	444	447	81	2352	14·7

NOTES.—This Table is arranged to show the gross births and deaths in the borough and the births and deaths properly belonging to it with the corresponding rates. The rates are calculated per 1000 of the estimated gross population.

* In Column 6 are included the whole of the deaths registered during the year as having actually occurred within the borough, but excluding the deaths of soldiers and sailors that have occurred in hospitals and institutions in the district.

In Column 12 are entered the number in Column 6, corrected by subtraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

† "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence—*e.g.*, casualties—are not included in Columns 8 or 9, except in certain instances under 3 (b) below.

The following special cases arise as to Transferable Deaths :—

(1) Persons dying in institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses and nursing homes (but not almshouses) are regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an institution had no fixed residence at the time of admission, the death is not transferable. If the patient has been directly transferred from one such institution to another, the death is transferable to the district of residence at the time of admission to the first institution.

(2) The deaths of infants born and dying within a year of birth in an institution to which the mother was admitted for her confinement are referred to the district of fixed or usual residence of the parent.

(3) Deaths from violence are referred (a) to the district of residence, under the general rule; (b) if this district is unknown, or the deceased had no fixed abode, to the district where the accident occurred, if known; (c) failing this, to the district where death occurred, if known; and (d) failing this, to the district where the body was found.

Area of District in acres	} 2327·7	Total population at all ages	... 162,442	} At		
(land and inland		Number of inhabited houses	... 22,472		} Census	
water) ...		Average number of persons per house	7·22			} of 1911.
		Total families or separate occupiers	... 35,158			

† See italics, page 2.

TABLE V.

Vital Statistics during 1920 and Previous Years.

POPLAR SUB-DISTRICT

Year.	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths†		Nett Deaths belonging to the District.				
		Uncorrected Number.	Nett.		Number.*	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.		
			Number.	Rate.					Number.*	Rate per 1000 Nett Births.	Number.*	Rate.	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1915	...	54,274	1579	1604	29·5	708	13·0	64	523	221	137	1167	21·5
1916	...	53,874+ 58,616+	1509	1575	26·8	543	10·0	57	434	164	104	920	17·0
1917	...	49,826+ 55,543+	1267	1300	23·4	517	10·3	66	464	123	95	915	18·3
1918	...	48,467+ 54,306+	1024	1134	20·8	680	14·0	42	519	128	112	1157	23·87
1919	...	53,371+ 55,596+	1347	1450	26·0	451	8·45	34	393	120	82	810	15·17
1920	...	55,503+ 55,563+	1677	1841	33·1	473	8·52	31	376	153	83	818	14·7

Area of Sub-District in } Total population at all ages ... 56,393 } At
 acres (land and inland } 1166·2 Number of inhabited houses ... 8,201 } Census,
 water) ... } Average number of persons per house 6·87 } of 1911.
 Total families or separate occupiers ... 12,044.

*† See notes, page 23.

‡ See italics, page 2.

TABLE VI.

Vital Statistics during 1920 and Previous Years.

BROMLEY SUB-DISTRICT.

Year.	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths†		Nett Deaths belonging to the District.				
		Uncorrected Number.	Nett.		Number.*	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.		
			Number.	Rate.					Number.*	Rate per 1000 Nett Births.	Number.*	Rate.	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1915	..	62,558	1937	1992	31·8	2052	32·8	1084	187	241	121	1155	18·4
1916	...	{ 62,097† 67,562†	1846	1890	27·9	1941	31·2	1146	193	210	111	988	15·9
1917	...	{ 57,432† 64,019†	1488	1533	23·9	2030	35·3	1278	211	149	97	963	16·7
1918	...	{ 55,865† 62,594†	1192	1337	21·3	2431	43·5	1397	213	142	106	1247	22·3
1919	...	{ 61,516† 64,083†	1514	1634	25·4	1609	26·1	902	163	132	80	870	14·14
1920	...	{ 63,970† 64,041†	2195	2294	35·8	1522	23·7	763	172	174	75	931	14·55

Area of Sub-District in }
 acres (land and inland } 605·8
 water) ... }
 Total families or separate occupiers ... 14,256.

Total population at all ages ... 65,226 }
 Number of inhabited houses ... 8,721 } At
 Average number of persons per house 7·47 } Census
 of 1911.

*† See notes, page 23.

‡ See italics, page 2.

TABLE VII.

Vital Statistics during 1920 and Previous Years.

BOW SUB-DISTRICT.

Year.	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths†		Nett Deaths belonging to the District.			
		Uncorrected Number.	Nett.		Number.*	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.*	Rate per 1000 Nett Births.	Number.*	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1915 ...	39,415	1069	1091	27·6	379	9·6	3	361	166	152	737	18·6
1916 ...	$\begin{cases} 39,124\frac{1}{2} \\ 42,568\frac{1}{2} \end{cases}$	1038	1078	25·3	298	7·6	2	321	98	90	617	15·7
1917 ...	$\begin{cases} 36,185\frac{1}{2} \\ 40,336\frac{1}{2} \end{cases}$	823	867	21·4	265	7·3	4	278	80	92	539	14·8
1918 ...	$\begin{cases} 35,198\frac{1}{2} \\ 39,438\frac{1}{2} \end{cases}$	685	732	18·5	415	11·7	2	361	74	101	774	21·3
1919 ...	$\begin{cases} 38,757\frac{1}{2} \\ 40,372\frac{1}{2} \end{cases}$	810	865	21·4	277	7·14	4	260	76	87	533	13·75
1920 ...	$\begin{cases} 40,293\frac{1}{2} \\ 40,337\frac{1}{2} \end{cases}$	1235	1322	32·7	323	8·01	2	282	120	90	603	14·96

Area of Sub-District in } Total population at all ages ... 40,823 } At
 acres (land and inland } 555·7 } Number of inhabited houses ... 5,550 } Census
 water) ... } Average number of persons per house 7·35 } of 1911.
 Total families or separate occupiers ... 8,858.

*† See notes, page 23.

† See italics, page 2.

NOTES TO TABLES VIII., IX., X., XI., XII., XIII., XIV., XV. & XVI.

NOMENCLATURE OF DISEASES.

All "Transferable Deaths" of residents, *i.e.*, of persons resident in the district who have died outside it, are *included* with the other deaths in columns 2-10, Tables VIII., IX., X. and XI., and Infantile Mortality Tables XIII., XIV., XV., and XVI. Transferable deaths of non-residents, *i.e.*, of persons resident elsewhere in England and Wales, who have died in the district, are in like manner *excluded* from these columns. For the precise meaning of the term "transferable deaths" see footnote to Table IV.

All deaths occurring in institutions for the sick and infirm situated within the district, whether of residents or of non-residents, are entered in Table XII.

All deaths certified by registered medical practitioners and all inquest cases are classed as "Certified"; all other deaths are to be regarded as "Uncertified."

Under the heading of "Diphtheria and Croup" are included all deaths from Croup except those certified as due to "spasmodic," "stridulous," "catarrhal" or "false" croup.

Under the heading of "Tuberculous Meningitis" are included deaths from Acute Hydrocephalus.

Under the heading of "Cancer" are included deaths from Carcinoma, Scirrhus, Epithelioma, Rodent ulcer, Sarcoma, Cancer, and Malignant disease.

Under the heading of "Diarrhœa" and "Enteritis" are included deaths registered as due to Epidemic diarrhœa, Epidemic enteritis, Infective enteritis, Zymotic enteritis, Summer diarrhœa, Choleraic diarrhœa, Cholera (other than Asiatic), Gastro-enteritis, Gastro-intestinal catarrh, Muco-enteritis, Colitis, &c. Deaths from diarrhœa secondary to some other well-defined disease are included under the latter.

Under the heading of "Alcoholism" are included deaths from Delirium tremens, acute and chronic alcoholism.

Under the heading of "Puerperal Fever" are included deaths under such headings as Pyæmia, Septicæmia, Sapræmia, Pelvic peritonitis, Peri- and Endo-metritis occurring in the Puerperium.

Under the heading of "Congenital Debility and Malformation, including Premature birth," are included deaths from Atrophy and marasmus of infants, and want of breast-milk, but not from Atelectasis.

TABLE VIII
METROPOLITAN BOROUGH OF POPLAR,
THE BOROUGH.
Causes of, and Ages at, Death during the Year 1920.

Causes of Death (see page 27).		Nett Deaths in whole Borough at subjoined Ages.										Nett Deaths in Public Institutions and certain localities within and outside Borough (at all ages) belonging thereto.								Nett Total Deaths in Public Institutions, &c.
		All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Poplar Institution.	St. Andrew's Hospital.	Bow Institution.	Bromley House Institution.	Poplar Hospital.	See Footnotes.	Outlying Institutions.			
1	2	3	4	5	6	7	8	9	10											
All causes { Certified Uncertified	2352	447	113	124	101	117	341	530	579	32	591	1	3	85	19	444	1175			
1 Enteric Fever	4	...	...	...	3	...	...	1	...	...	2	...	...	1	...	1	4
2 Small Pox	3	...	...	...	...	...	1	2	...	...	...	...	...	...	...	3	3
3 Measles	33	5	12	15	1	...	...	...	...	...	9	...	...	...	...	1	10
4 Scarlet Fever	14	2	1	6	5	...	...	...	...	...	...	...	...	...	...	13	13
5 Whooping Cough	50	17	20	12	1	...	...	...	...	...	19	...	...	...	...	1	20
6 Diphtheria and Croup	59	4	9	26	19	1	...	...	...	...	a 2	...	...	2	...	b 49	53
7 Influenza	53	1	...	4	1	7	23	12	5	...	5	...	...	2	...	4	11	
8 Erysipelas	9	2	...	...	...	3	1	...	...	...	4	...	...	...	...	...	4
9 Phthisis (Pulmonary Tuberculosis)	223	7	2	2	9	35	102	60	...	...	45	...	...	2	...	62	109
10 Tuberculous Meningitis	26	7	4	8	4	2	...	1	...	...	6	...	...	6	...	5	17
11 Other Tuberculous Diseases	15	1	...	4	5	3	...	...	...	...	7	...	...	1	...	4	12
12 Cancer, malignant disease	187	...	...	...	1	3	17	86	80	1	76	...	...	4	...	18	99
13 Rheumatic Fever	6	...	...	...	2	3	1	...	...	...	1	...	...	2	...	2	5
14 Meningitis	17	6	...	1	6	1	2	...	...	...	3	...	...	1	...	8	12
15 Organic Heart Disease	159	...	...	1	6	13	32	65	42	2	44	1	...	5	...	25	79	
16 Bronchitis	326	44	13	3	...	3	24	94	145	9	110	...	1	...	...	8	128	
17 Pneumonia (all forms)	235	61	40	28	9	11	31	37	18	1	48	...	...	14	*1	36	100	
18 Other diseases of respiratory organs	29	2	1	1	1	3	5	12	4	...	8	...	...	1	...	6	15	
19 Diarrhoea and Enteritis	55	42	2	2	1	2	...	1	5	2	7	...	1	2	...	15	29			
20 Appendicitis and Typhlitis	7	1	...	...	3	...	...	2	1	...	1	...	...	3	...	3	7
21 Cirrhosis of Liver	9	...	...	...	1	...	2	4	2	...	1	...	...	...	...	2	3
21a Alcoholism	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22 Nephritis and Bright's Disease	38	...	...	1	1	...	8	17	11	...	11	...	...	2	...	...	...
23 Puerperal Fever	7	...	...	...	...	1	6	...	...	...	2	...	...	...	...	13	26
24 Other accidents and diseases of Pregnancy & Parturition	12	...	...	...	2	10	...	...	...	...	4	...	...	...	...	5	7
25 Congenital Debility and Malformation, including Premature Birth	191	188	...	2	...	...	...	...	...	3	31	...	...	4	...	18	56
26 Violent Deaths excluding Suicide	100	11	2	4	9	14	22	18	20	1	25	...	...	17	†12	29	84	
27 Suicide	13	...	...	...	...	3	8	2	...	2	1	...	...	...	...	2	5
28 Other Defined Diseases	470	46	7	4	13	12	49	107	232	10	119	...	1	16	§1	110	257			
29 Diseases ill-defined or unknown	2	...	...	...	...	...	1	1	1	...	...	...	...	...	†1	...	2
Total Deaths	2352	447	113	124	101	117	341	530	579	32	591	1	3	85	19	444	1175			
SUB-ENTRIES (included in above figures).																				
14 Cerebro-spinal Meningitis	8	2	...	...	4	1	1	...	...	...	1	...	...	...	...	4	5
28 Encephalitis Lethargica	2	...	...	...	...	1	...	1	...	...	...	...	...	...	...	2	2
17 Pneumonia	100	9	5	5	3	8	26	2	12	1	31	...	...	3	...	19	54	
28 Dysentery	2	...	...	...	...	...	...	1	1	...	...	...	...	...	...	2	2
28 Tetanus	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1
26 Murder	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
28 Actinomycosis	2	...	...	...	...	...	...	1	1	...	1	...	...	...	...	1	2
** Highway, Bromley, 1: Highway, Rom 1																				

** Highway, Bromley, 1; Highway, Bow, 1.

† River Thames, Poplar, 6; Millwall Docks, Poplar, 3; East India Docks, Poplar, 1; Highway, Poplar, 2.

‡ River Thames, Poplar, 1.

(a) One Laryngeal Croup not notified as Diphtheria.

† S.S. Braemar Castle, East India Docks, Poplar, 1.

(b) One not notified.

TABLE IX.
METROPOLITAN BOROUGH OF POPLAR.
SUB-DISTRICT OF POPLAR.
Causes of, and Ages at, Death during the Year 1920.

Causes of Death (see page 27).		Nett Deaths in whole Sub-District at subjoined Ages.										Nett Deaths in Public Institutions and certain localities within and outside Sub-District (at all ages) belonging thereto.						Nett Deaths in Public Institutions, &c.
		All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Poplar Institution.	St. Andrew's Hospital.	Bow Institution.	Bromley House Institution.	Poplar Hospital.	See Footnotes.	Outlying Institutions.	
1		2	3	4	5	6	7	8	9	10								
All causes	Certified	818	153	42	31	36	48	112	199	197	20	172	...	...	37	14	165	408
	Uncertified																	
1	Enteric Fever	3	...	...	...	3	...	...	...	...	...	2	...	...	1	...	...	3
2	Small Pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Measles	3	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Scarlet Fever	6	1	...	3	...	...	...	...	...	...	...	...	...	...	...	6	6
5	Whooping Cough	17	4	10	3	...	...	...	...	...	...	9	...	...	...	...	1	10
6	Diphtheria and Croup	17	...	4	3	10	...	...	...	...	...	...	...	...	...	...	13	13
7	Influenza	14	...	...	3	1	2	4	4	...	...	...	...	...	...	...	1	1
8	Erysipelas	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	Phthisis (Pulmonary Tuberculosis)	84	3	1	...	2	12	36	27	3	...	16	...	...	1	...	22	39
10	Tuberculous Meningitis	10	3	1	3	2	1	...	...	...	...	...	...	...	5	...	2	7
11	Other Tuberculous Diseases	5	1	...	1	3	...	...	...	...	...	2	...	...	...	...	2	4
12	Cancer, malignant disease... ..	60	...	...	...	...	2	6	31	21	1	25	...	...	1	...	7	34
13	Rheumatic Fever	2	...	...	1	1	...	...	...	...	...	...	...	...	1	...	1	2
14	Meningitis	4	2	...	...	...	1	1	...	...	...	...	...	...	...	...	3	3
15	Organic Heart Disease	40	...	...	...	1	7	10	17	11	1	8	...	...	1	...	12	22
16	Bronchitis	114	13	7	1	...	...	6	38	49	4	33	...	...	...	...	3	40
17	Pneumonia (all forms)	79	19	14	9	3	4	13	12	5	...	10	...	...	8	...	19	38
18	Other diseases of respiratory organs	12	1	...	...	1	...	...	8	2	...	4	...	...	...	...	2	6
19	Diarrhoea and Enteritis	23	17	1	...	1	2	...	1	1	1	2	...	...	1	...	6	12
20	Appendicitis and Typhlitis	2	...	...	...	1	...	...	1	...	...	1	...	...	...	...	...	2
21	Cirrhosis of Liver	2	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...
21a	Alcoholism	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	1	1
22	Nephritis and Bright's Disease ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Puerperal Fever	14	...	...	1	...	...	2	7	4	...	4	...	...	1	...	3	8
24	Other accidents and diseases of Pregnancy & Parturition	2	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2	2
25	Congenital Debility and Malformation, including Premature Birth	2	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	1
26	Violent Deaths, excluding Suicide	69	67	...	1	...	1	...	...	...	3	10	...	...	3	...	7	23
27	Suicide	46	5	1	1	2	7	11	11	8	1	10	...	...	...	...	...	...
28	Other Defined Diseases	7	...	...	...	...	...	1	4	2	2	1	...	...	...	...	1	4
29	Diseases ill-defined or unknown	174	15	3	1	3	6	20	35	91	7	34	...	...	5	...	42	89
Total Deaths		818	153	42	31	36	48	112	199	197	20	172	...	...	37	14	165	408
SUB-ENTRIES (included in above figures).																		
14	Cerebro-spinal Meningitis	3	2	...	...	...	...	1	...	...	...	...	...	...	...	...	2	2
28a	Poliomyelitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Pneumonia	28	1	3	1	...	1	10	10	2	...	6	...	...	1	...	12	19
28	Tetanus	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1
26	Murder	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
28	Actinomycosis	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1

* S.S. *Ulm*, West India Docks, 1.

† River Thames, Poplar, 6; Millwall Docks, 3; Highway, Poplar, 1.

‡ Bromley Sub-District, 2.

§ River Thames, Poplar, 1.

TABLE X.
METROPOLITAN BOROUGH OF POPLAR.
SUB-DISTRICT OF BROMLEY.
Causes of, and Ages at, Death during the Year 1920.

Causes of Death (see page 27).		Nett Deaths in whole Sub-District at subjoined Ages.										Nett Deaths in Public Institutions and certain localities within and outside Sub-District (at all ages) belonging thereto.						Nett Deaths in Public Institutions, &c.
		All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Poplar Institution.	St. Andrew's Hospital.	Bow Institution.	Bromley House Institution.	Poplar Hospital.	See Footnotes.	Outlying Institutions.	
1		2	3	4	5	6	7	8	9	10								
All causes	Certified	931	174	40	59	42	39	141	210	226	5	264	1	3	44	2	165	484
	Uncertified																	
1	Enteric Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Small Pox	3	...	...	...	...	...	1	2	...	...	...	...	...	...	...	3	3
3	Measles	12	1	5	6	...	...	...	...	...	...	6	...	...	...	...	1	7
4	Scarlet Fever	6	1	1	2	2	...	...	...	...	...	...	...	...	...	...	5	5
5	Whooping Cough	17	6	6	4	1	...	...	...	...	...	8	...	...	...	...	...	8
6	Diphtheria and Croup	30	4	3	17	6	...	...	...	...	...	22	...	...	2	...	624	28
7	Influenza	29	...	...	1	...	1	10	5	3	...	4	...	...	2	...	2	8
8	Erysipelas	5	1	...	...	...	...	1	...	3	...	3	...	...	...	...	...	3
9	Phthisis (Pulmonary Tuberculosis)	85	4	...	2	5	13	44	15	2	...	18	...	...	1	...	25	44
10	Tuberculous Meningitis	10	2	1	4	1	1	...	1	...	...	4	...	...	1	...	1	6
11	Other Tuberculous Diseases	6	...	...	2	2	1	...	...	1	...	3	...	...	1	...	1	5
12	Cancer, malignant disease... ..	79	...	...	...	1	1	3	37	37	...	30	...	...	3	...	6	39
13	Rheumatic Fever	3	...	...	...	...	2	1	...	...	...	...	...	...	1	...	1	2
14	Meningitis	8	2	...	1	3	1	1	...	...	...	2	...	...	1	...	2	5
15	Organic Heart Disease	65	...	...	...	4	4	15	28	14	1	25	1	...	3	...	9	39
16	Bronchitis	134	18	3	2	...	2	12	38	59	1	52	...	1	...	...	2	56
17	Pneumonia (all forms)	98	26	17	9	3	4	14	18	7	1	23	...	...	6	...	11	41
18	Other diseases of respiratory organs	13	1	1	1	1	2	4	2	1	...	4	...	...	1	...	4	9
19	Diarrhoea and Enteritis	16	12	...	2	...	...	...	...	...	...	3	...	1	...	...	4	9
20	Appendicitis and Typhlitis	4	...	...	...	2	...	...	1	1	...	...	...	...	2	...	2	4
21	Cirrhosis of Liver	6	...	...	...	1	...	1	2	2	...	1	...	...	...	...	1	2
21a	Alcoholism ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Nephritis and Bright's Disease	18	...	...	...	1	...	4	7	6	...	5	...	...	1	...	6	12
23	Puerperal Fever	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1
24	Other accidents and diseases of Pregnancy & Parturition	7	...	...	...	...	...	7	...	...	...	1	...	...	...	...	1	2
25	Congenital Debility and Malformation, including Premature Birth	72	72	...	...	...	...	...	...	...	...	14	...	...	1	...	6	21
26	Violent Deaths, excluding Suicide	34	4	1	3	5	4	5	7	5	...	11	...	...	6	...	11	29
27	Suicide	3	...	...	...	...	...	1	2	...	...	...	...	...	...	...	1	1
28	Other Defined Diseases	175	20	2	3	4	3	16	44	83	2	45	...	1	11	...	35	94
29	Diseases ill-defined or unknown	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
Total Deaths		931	174	40	59	42	39	141	210	226	5	264	1	3	44	2	165	484
SUB-ENTRIES (included in above figures).																		
14	Cerebro-spinal Meningitis	2	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	1
17	Pneumonia	48	7	...	2	...	4	13	16	6	1	16	...	...	2	...	5	24
28a	Poliomyelitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	Dysentery	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
28	Actinomycosis	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1
28	Encephalitis Lethargica	2	...	...	...	...	1	...	1	...	...	...	...	...	...	2	...	2

‡ East India Docks, Poplar, 1.
(a) One Laryngeal Croup not notified as Diphtheria.

† S.S. Braemar Castle, East India Docks, Poplar, 1.
(b) One not notified.

TABLE XI.
METROPOLITAN BOROUGH OF POPLAR.

SUB-DISTRICT OF BOW.

Causes of, and Ages at, Death during the Year 1920.

Causes of Death (see page 27).										Nett Deaths in Sub-District at subjoined Ages.										Nett Deaths in Public Institutions and certain localities within and outside Sub-Districts (at all ages) belonging thereto.							Nett Deaths in Public Institutions, &c.
										All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Poplar Institution.	St. Andrew's Hospital.	Bow Institution.	Bromley House Institution.	Poplar Hospital.	See Footnotes.	Outlying Institutions.		
1	2	3	4	5	6	7	8	9	10																		
All causes { Certified Uncertified	603	120	31	34	23	30	88	121	156	7	155	4	3	114	283										
1 Enteric Fever	1	1	1	1										
2 Small Pox	3									3	
3 Measles	18	3	7	1	2	2	2	
4 Scarlet Fever	2	2	
5 Whooping Cough	16	7	4	5	12	12		
6 Diphtheria and Croup	12	...	2	6	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	12	
7 Influenza	19	1	...	...	...	...	4	9	3	2	...	1	...	...	...	...	...	...	...	...	...	...	1	2	1
8 Erysipelas	3	...	...	...	...	...	...	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Phthisis (Pulmonary Tuberculosis)	54	...	1	...	2	10	22	18	1	...	11	...	...	...	...	...	...	...	...	...	...	...	15	26	
10 Tuberculous Meningitis	6	2	2	1	1	2	2	4							2	4		
11 Other Tuberculous Diseases	4	1	...	2	2	3							1	3		
12 Cancer, malignant disease... ..	48	...	...	...	...	...	8	18	22	...	21	...	...	...	...	...	26						5	26	
13 Rheumatic Fever	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	4						...	...	...
14 Meningitis	5	2	...	...	3	...	...	...	...	...	...	...	...	...	...	...	4						3	4	
15 Organic Heart Disease	48	...	...	1	1	2	7	20	17	...	11	...	...	...	1	**2	18						...	...	...
16 Bronchitis	78	13	3	...	...	1	6	18	37	4	25	...	...	...	...	...	32						3	32	
17 Pneumonia (all forms)	58	16	9	10	3	3	4	7	6	...	15	...	...	...	...	...	21						6	21	
18 Other diseases of respiratory organs	4	...	...	...	...	...	1	2	1	...	...	...	...	...	...	...	...						...	...	...
19 Diarrhoea and Enteritis	16	13	1	...	...	...	...	...	2	1	2	...	...	...	...	...	8						5	8	
20 Appendicitis and Typhlitis	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1						1	1	
21 Cirrhosis of Liver	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...						...	...	...
21a Alcoholism ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						...	...	...
22 Nephritis and Bright's Disease	6	...	...	...	...	...	2	3	1	...	2	...	...	...	...	...	6						4	6	
23 Puerperal Fever	4	...	...	...	...	...	4	...	...	...	2	...	...	...	...	...	4						2	4	
24 Other accidents and diseases of Pregnancy & Parturition	3	...	...	...	...	1	2	...	...	...	2	...	...	...	...	...	2						...	...	2
25 Congenital Debility and Malformation, including Premature Birth	50	49	...	1	...	...	...	...	...	...	7	...	...	...	...	...	12						5	12	
26 Violent Deaths, excluding Suicide	20	2	...	...	2	3	6	...	7	...	4	...	...	...	...	...	17						3	17	
27 Suicide	3	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...						...	...	...
28 Other Defined Diseases	121	11	2	...	6	3	13	28	58	1	40	...	...	...	...	...	74						33	74	
29 Diseases ill-defined or unknown	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1						...	...	1
Total Deaths	603	120	31	34	23	30	88	121	156	7	155	...	...	4	3	114	283								
SUB-ENTRIES (inc'uded in above figures).																											
14 Cerebro-spinal Meningitis	3	...	...	...	3	...	...	...	...	...	1	...	...	...	...	...	2						1	2	
17 Pneumonia	24	1	2	2	3	3	3	6	4	...	9	...	...	...	...	...	11						2	11	
28 Dysentery	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1						1	1	
28a Poliomyelitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						...	...	...

** Highway, Bromley, 1; Highway, Bow, 1.

† Highway, Poplar, 1.

TABLE XII.

METROPOLITAN BOROUGH OF POPLAR.

Total Deaths (at all ages) in Public Institutions within the Borough.

(Resident and Non-Resident included.)

Causes of Death (see page 27).					Poplar Institution.	St. Andrew's Hospital.	Bow Institution.	Bromley House Institution.	Poplar Hospital.	Total deaths in Public Institu- tions within the Borough.
All causes	Certified	...	...	...	35	793	91	30	159	1108
	Uncertified	...	...	...	...	...	...	...	...	...
1	Enteric Fever	...	...	...	...	3	...	...	1	4
2	Small Pox	...	...	...	...	...	...	...	...	...
3	Measles	...	...	...	...	13	...	...	...	13
4	Scarlet Fever	...	...	...	...	...	...	...	...	...
5	Whooping Cough	...	...	...	...	25	...	...	...	25
6	Diphtheria and Croup	...	...	...	...	2	...	...	2	4
7	Influenza	...	...	...	...	8	...	...	4	12
8	Erysipelas	...	...	...	...	4	...	...	...	4
9	Phthisis (Pulmonary Tuberculosis)	...	...	...	...	61	...	...	4	65
10	Tuberculous Meningitis	...	...	...	...	7	...	...	7	14
11	Other Tuberculous Diseases	...	...	...	...	8	...	...	1	9
12	Cancer, malignant disease	...	...	...	1	105	9	2	8	125
13	Rheumatic Fever	...	...	...	...	1	1	1	2	5
14	Meningitis	...	...	...	...	3	...	...	1	4
15	Organic Heart Disease	...	...	...	2	52	49	4	6	113
16	Bronchitis	...	...	...	10	146	13	1	...	170
17	Pneumonia (all forms)	...	...	...	1	62	2	2	20	87
18	Other diseases of respiratory organs	...	...	...	...	9	1	...	1	11
19	Diarrhœa and Enteritis	...	...	...	3	10	...	1	4	18
20	Appendicitis and Typhlitis	...	...	...	...	2	...	...	7	9
21	Cirrhosis of Liver	...	...	...	...	1	...	...	1	2
21a	Alcoholism	...	...	...	...	...	...	...	...	...
22	Nephritis and Bright's Disease	...	...	...	...	16	...	...	2	18
23	Puerperal Fever	...	...	...	...	3	...	1	...	4
24	Other accidents and diseases of Preg- nancy and Parturition	...	...	...	...	5	...	...	...	5
25	Congenital Debility and Malforma- tion, including Premature Birth	...	...	...	3	43	...	...	5	51
26	Violent Deaths, excluding Suicide	...	...	...	2	33	...	...	46	81
27	Suicide	...	...	...	2	1	...	...	...	3
28	Other Defined Diseases	...	...	...	10	170	16	18	37	251
29	Diseases ill-defined or unknown	...	...	...	1	...	...	...	...	1
Total Deaths					35	793	91	30	159	1108
SUB-ENTRIES (included in above figures).										
14	Cerebro-spinal Meningitis	...	...	...	...	1	...	...	1	2
28a	Poliomyelitis	...	...	...	...	...	...	...	...	...
17	Pneumonia	...	...	...	...	45	...	2	6	53

TABLE XIII.
METROPOLITAN BOROUGH OF POPLAR.

WHOLE BOROUGH.

Infantile Mortality during the Year 1920.

Nett Deaths from stated Causes in Weeks and Months under One
Year of Age.

Causes of Death (see page 27).				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.	Nett total Deaths under 1 year.
All causes	{ Certified	...	...	104	17	25	19	165	93	81	57	51	447
	{ Uncertified	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	3	2	5
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	2	2
Whooping Cough	...	...	...	...	...	1	...	1	3	1	5	7	17
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	1	...	3	4
Erysipelas	...	...	...	...	...	...	...	...	2	...	...	...	2
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	2	1	4	7
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	4	1	3	8
Meningitis (not Tuberculous)	...	...	...	...	...	...	1	1	...	2	2	1	6
Convulsions...	...	...	...	4	...	3	1	8	1	4	...	...	13
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	3	3	2	8	11	11	8	6	44
Pneumonia (all forms)	...	...	...	...	1	2	1	4	12	16	18	11	61
Diarrhoea	...	...	...	...	...	...	...	...	4	7	5	...	16
Enteritis	...	...	...	...	...	...	1	1	8	10	5	2	26
Gastritis	...	...	...	...	...	...	...	...	2	1	1	...	4
Syphilis	...	...	...	...	...	...	...	...	1	...	...	...	1
Rickets	...	...	...	...	...	...	...	...	...	...	...	1	1
Suffocation, overlying	...	...	...	1	...	...	...	1	1	...	...	...	2
Injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	7	...	...	...	7	...	...	...	...	7
Congenital Malformations	...	...	...	4	2	3	1	10	7	3	...	1	21
Premature birth	...	...	...	62	8	9	7	86	13	...	...	...	99
Atrophy, Debility and Marasmus	...	...	...	18	3	4	3	28	21	14	3	2	68
Other Causes	...	...	...	8	...	...	2	10	7	5	5	6	33
Total Deaths	...	...	...	104	17	25	19	165	93	81	57	51	447

Nett Births { Legitimate ... 5,347* Nett Deaths { Legitimate infants ... 412
in the year { Illegitimate ... 123* in the year of { Illegitimate infants ... 35

Medical Officer of Health's figures—Legitimate, 5,323 ; Illegitimate, 134 ; total, 5,457.

* Registrar-General.

TABLE XIV.

METROPOLITAN BOROUGH OF POPLAR.

POPLAR SUB-DISTRICT

Infantile Mortality during the Year 1920.

Nett Deaths from stated Causes in Weeks and Months under One
Year of Age.

Causes of Death (see page 27).				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.	Nett total Deaths under 1 year.
All causes	{	Certified ...	...	39	5	9	7	60	37	21	14	21	153
		Uncertified ...	...									
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	1	...	1
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	1	1
Whooping Cough	...	...	...	...	...	1	...	1	1	...	...	2	4
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	1	...	...	...	1
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	3	3
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	1	1	2	4
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	1	...	1	2
Convulsions...	...	...	...	...	...	2	1	3	1	1	...	...	5
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	1	1	1	3	4	1	3	2	13
Pneumonia (all forms)	...	...	...	...	...	...	...	...	4	4	5	6	19
Diarrhoea	...	...	...	...	...	...	...	...	...	2	3	...	5
Enteritis	...	...	...	...	...	...	...	...	5	4	1	2	12
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...	...	...
Injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	3	...	...	...	3	...	...	...	...	3
Congenital Malformations	...	...	...	1	...	...	...	1	6	1	...	...	8
Premature birth	...	...	...	19	2	3	2	26	5	...	...	...	31
Atrophy, Debility and Marasmus	...	...	...	10	2	2	2	16	7	5	...	...	28
Other Causes	...	...	...	6	...	...	1	7	3	1	...	2	13
Total Deaths	...	...	...	39	5	9	7	60	37	21	14	21	153

Nett Births (Legitimate .. 1,774 Nett Deaths (Legitimate infants .. 138
in the year (Illegitimate .. 67 in the year of (Illegitimate infants .. 16

TABLE XV.

METROPOLITAN BOROUGH OF POPLAR.

BROMLEY SUB-DISTRICT.

Infantile Mortality during the Year 1920.

Nett Deaths from stated Causes in Weeks and Months under One
Year of Age.

Causes of Death (see page 27).				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.	Nett total Deaths under 1 year.
All causes	Certified	...	...	37	8	9	8	62	32	40	23	17	174
	Uncertified	...	...								
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	1	1
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	1	1
Whooping Cough	...	...	...	...	...	...	...	...	1	...	2	3	6
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	1	...	3	4
Erysipelas	...	...	...	...	...	...	...	...	1	...	...	...	1
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	1	...	1	2
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	3	...	1	4
Meningitis (not Tuberculous)	...	...	...	...	...	...	1	1	...	1	...	...	2
Convulsions	...	...	...	3	...	1	...	4	...	2	...	...	6
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	2	1	...	3	3	8	3	1	18
Pneumonia (all forms)	...	...	...	...	1	1	1	3	4	6	10	3	26
Diarrhoea	...	...	...	...	...	...	...	...	2	3	2	...	7
Enteritis	...	...	...	...	...	...	...	...	2	3	...	...	5
Gastritis	...	...	...	...	...	...	...	...	2	1	1	...	4
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	1	1
Suffocation, overlying	...	...	...	...	...	...	...	...	1	...	...	...	1
Injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	1	...	...	...	1	...	...	...	...	1
Congenital Malformations	...	...	...	1	1	1	1	4	...	1	...	...	5
Premature birth	...	...	...	27	4	5	3	39	7	...	...	...	46
Atrophy, Debility and Marasmus	...	...	...	4	...	...	1	5	6	7	2	1	21
Other Causes	...	...	...	1	...	...	1	2	3	3	3	1	12
Total Deaths	...	...	...	37	8	9	8	62	32	40	23	17	174

Nett Births | Legitimate ... 2,244
in the year | Illegitimate ... 50

Nett Deaths | Legitimate infants ... 159
in the year of | Illegitimate infants ... 15

TABLE XVI.

METROPOLITAN BOROUGH OF POPLAR.

BOW SUB-DISTRICT.

Infantile Mortality during the Year 1920.

Nett Deaths from stated Causes in Weeks and Months under One
Year of Age.

Causes of Death (see page 27).				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.	Nett total Deaths under 1 year.
All causes	{	Certified ...	...	28	4	7	4	43	24	20	20	13	120
		Uncertified ...	...									
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	2	1	3
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	1	1	3	2	7
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	1	1	...	2
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	2	...	2
Convulsions	...	...	...	1	...	...	...	1	...	1	...	...	2
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	1	1	2	4	2	2	3	13
Pneumonia (all forms)	...	...	...	...	...	1	...	1	4	6	3	2	16
Diarrhoea	...	...	...	...	...	...	...	...	2	2	...	...	4
Enteritis	...	...	...	...	...	...	1	1	1	3	4	...	9
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	1	...	...	...	1
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	1	...	...	...	1	...	...	...	...	1
Injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	3	...	...	...	3	...	...	...	...	3
Congenital Malformations	...	...	...	2	1	2	...	5	1	1	...	1	8
Premature birth	...	...	...	16	2	1	2	21	1	...	...	...	22
Atrophy, Debility and Marasmus	...	...	...	4	1	2	...	7	8	2	1	1	19
Other Causes	...	...	...	1	...	...	...	1	1	1	2	3	8
Total Deaths	...	...	...	28	4	7	4	43	24	20	20	13	120

Nett Births { Legitimate ... 1305
in the year { Illegitimate ... 17

Nett Deaths { Legitimate infants ... 115
in the year { Illegitimate infants ... 5

TABLE XVII. (1920).

CITIES AND BOROUGHES.	Estimated population to the middle of 1919.	Notifica- tions. Annual rate per 1,000 persons living.	Births. Annual rate per 1,000 persons living.	Zymotic Deaths. Annual rate per 1,000 persons living.	Death- rate per 1,000 living.	Deaths of Infants under one year to 1,000 births.
LONDON	4,531,971	.	26.5	0.9*	12.4	75
<i>West Districts.</i>						
Paddington	149,673	.	22.7	.	11.4	78
Kensington	164,177	.	24.3	0.9	13.4	81
Hammersmith	136,200	.	24.3	0.8	11.4	66
Fulham	158,621	.	27.3	0.8	11.5	74
Chelsea	68,500	.	20.3	0.04	11.3	52
City of Westminster	132,615	.	16.1	0.4	11.8	73
<i>North Districts.</i>						
St. Marylebone	101,856	.	21.5	0.5	12.7	65
Hampstead	91,519	.	17.1	0.2	9.4	48
St. Pancras	228,178	.	25.4	0.9	12.4	73
Islington	335,907	.	28.1	1.0	13.3	72
Stoke Newington	52,984	.	23.1	0.7	12.4	80
Hackney	225,372	.	26.6	1.0	12.7	80
<i>Central Districts.</i>						
Holborn	39,676	.	20.8	0.6	15.2	66
Finsbury	78,291	.	32.4	0.9	14.7	74
City of London	12,200	.	14.9	0.4	15.6	60
<i>East Districts.</i>						
Shoreditch	101,000	.	36.9	1.4	15.6	91
Bethnal Green	114,471	.	33.7	1.9	14.9	94
Stepney	270,000	.	27.2	0.9	12.8	90
Poplar	159,766	.	34.1	1.3	14.7	81
<i>South Districts.</i>						
Southwark	187,142	.	31.8	.	14.4	86
Bermondsey	129,189	.	31.2	1.3	12.7	83
Lambeth	293,572	.	27.5	0.9	12.9	68
Battersea	165,664	.	28.1	1.1	12.5	82
Wandsworth	342,808	.	21.0	0.6	10.3	64
Camberwell .. .. .	.	.	.	.	.	.
Deptford	115,636	.	28.3	0.8	12.2	79
Greenwich	104,453	.	24.6	0.9	11.7	75
Lewisham	174,438	.	22.8	0.4	10.7	62
Woolwich	141,666	.	24.7	0.5	10.5	61

* This figure was furnished by the *Lancet*, the remainder of the rates for London being supplied by the Registrar-General.

The following death rates for the year 1920 are interesting when compared with one another :—

				Annual Rate per 1,000 persons living.	Deaths of Children under one year of age to 1,000 Births.
Poplar Borough	...	...	...	14.72	81†
Poplar (Sub-District)	...	...	...	14.73	83
Bromley	...	...	...	14.55	75
Bow	...	...	...	14.96	90
England and Wales	...	...	...	12.4	80
96 Great Towns‡	...	...	...	12.5	85
148 Smaller Towns	...	...	...	11.3	80
London	...	...	...	12.4	75
Liverpool	...	...	...	16.4	113
Manchester	...	...	...	13.2	97
Edinburgh	...	...	...	13.3	89
Glasgow	...	...	...	15.3	105
Dublin (City)...	...	...	...	19.1	137
Belfast	...	...	...	17.5	132

† See Footnote ** page 8.

‡ Including London.

TABLE XVIII.

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1920.

	BIRTH-RATE PER 1,000 TOTAL POPULA- TION.	ANNUAL DEATH-RATE PER 1,000 CIVILIAN POPULATION.									RATE PER 1,000 BIRTHS.		PERCENTAGE OF TOTAL DEATHS.*			
		All Causes	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping- cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea and Enteritis (under 2 years).	Total Deaths under One Year.	Deaths in Public Institutions.	Certified Causes.	Inquest Cases.	Uncertified Causes of Death.
England and Wales ...	25.4	12.4	0.01	0.00	0.19	0.04	0.11	0.15	0.28	0.48	8.3	80	24.3	92.2	6.6	1.2
96 Great Towns, including London (Census Popula- tions exceeding 50,000)	26.2	12.5	0.01	0.00	0.22	0.04	0.14	0.16	0.31	0.43	10.4	85	31.3	92.2	7.1	0.7
148 Smaller Towns (Cen- sus Populations 20,000- 50,000)	24.9	11.3	0.02	0.00	0.19	0.03	0.10	0.14	0.27	0.28	7.8	80	16.5	93.2	5.3	1.5
London	26.5	12.4	0.01	0.00	0.22	0.05	0.17	0.22	0.30	0.47	9.5	75	46.8	91.2	8.6	0.2
Poplar Borough ...	34.1	14.7	0.02	0.01	0.20	0.08	0.31	0.36	0.33	0.70	8.0	81	49.1	86.9	13.1	0.0
Poplar Sub-District ...	33.1	14.7	0.05	0.00	0.05	0.10	0.30	0.30	0.25	0.95	9.7	83	48.1	85.2	14.80	0.0
Bromley	35.8	14.5	0.00	0.04	0.18	0.09	0.26	0.46	0.31	0.57	5.2	75	51.7	87.1	12.9	0.0
Bow	32.7	14.9	0.02	0.00	0.44	0.04	0.39	0.29	0.47	0.57	10.5	90	46.4	88.7	11.3	0.0

* Non-civilians are included in these figures for England and Wales but not for other areas.

TABLE XIX.

METROPOLITAN BOROUGH OF POPLAR.

BOROUGH OF POPLAR.

Cases of Infectious Disease notified during the Year 1920.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE BOROUGH.								Total Cases notified in each Sub- District.				No. of Cases removed to Hospital from each Sub-District.			
	At all Ages.	At Ages—Years.							Poplar.	Bromley.	Bow.	Total.	Poplar.	Bromley.	Bow.	Total Cases Removed.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.								
Small-pox ...	11	...	1	...	2	3	5	...	5	6	...	11	5	6	...	11
Cholera (C), Plague (P) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (includ- ing Membranous Croup) ...	698	21	226	393	38	16	4	...	250	253	195	698	237	243	191	*671
Erysipelas...	84	5	...	8	6	32	24	9	26	32	26	84	10	15	6	†31
Scarlet Fever ...	1400	20	291	961	103	24	1	...	486	610	304	1400	455	579	291	†1325
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	17	...	...	4	4	5	4	...	9	5	3	17	7	3	2	¶12
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	24	...	...	...	6	16	2	...	10	8	6	24	9	8	6	§23
Cerebro-Spinal Meningitis ...	11	2	...	5	2	2	...	...	4	3	4	11	4	1	3	**8
Poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Encephalitis Lethargica ...	4	...	...	...	1	1	2	...	...	3	1	4	...	3	1	††4
Ophthalmia Neo- natorum ...	61	61	...	...	...	...	...	...	25	25	11	61	3	...	3	6
Pulmonary Tuber- culosis ...	504	4	20	80	95	200	100	5	181	193	130	504	...	...	...	...
Other forms of Tuberculosis ...	170	6	34	94	17	13	5	1	64	68	38	170	...	...	...	...
Zymotic Enteritis ...	128	58	53	14	2	1	...	...	55	55	18	128	...	...	...	...
Anthrax ...	2	...	...	...	...	1	1	...	1	...	1	2	1	...	1	||2
Trench Fever ...	1	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...
Pneumonia (all forms)...	512	91	139	57	53	94	57	21	182	211	119	512	...	...	...	...
Malaria ...	10	...	...	...	1	9	...	...	1	6	3	10	...	2	...	2
Dysentery...	1	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...
Totals	3638	268	764	1616	330	419	205	36	1301	1478	859	3638	731	860	504	2095

* See page 64. † See page 60. ‡ See page 60. ¶ See page 62. § See page 59.

** See page 67. †† See page 68. || See page 58.

TABLE XX.
METROPOLITAN BOROUGH OF POPLAR.
POPLAR SUB-DISTRICT.

Cases of Infectious Disease notified during the Year 1920.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN SUB-DISTRICT.								No. of Cases removed to Hospital from Sub D-istrict.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards	
Small-pox	5	...	1	..	1	1	2	...	5
Cholera, Plague ... ..	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	250	4	75	153	13	3	2	...	237*
Erysipelas	26	1	...	1	1	8	11	4	10†
Scarlet Fever	486	9	110	327	32	8	...	...	455
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...
Enteric Fever	9	...	...	3	2	1	3	...	7¶
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...
Puerperal Fever	10	...	...	...	3	6	1	...	9§
Cerebro-Spinal Meningitis ...	4	2	...	...	1	1	...	...	4**
Poliomyelitis ... ..	...	...	...	...	...	...	...	...	...
Acute Encephalitis Lethargica	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	25	25	...	...	...	...	...	...	3
Pulmonary Tuberculosis ...	181	3	5	28	29	75	39	2	...
Other forms of Tuberculosis	64	4	12	37	5	4	2	...	...
Zymotic Enteritis	55	25	23	7	...	...	...	...	...
Anthrax	1	...	...	...	...	...	1	...	1||
Trench Fever	1	...	...	...	...	1	...	...	...
Pneumonia (all forms) ...	182	36	50	20	18	30	20	8	...
Malaria	1	...	...	...	1	...	...	...	...
Dysentery	1	...	...	...	...	1	...	...	...
Totals	1,301	109	276	576	106	139	81	14	731

* See page 64. † See page 60. ‡ See page 60. ¶ See page 62

§ See page 59. ** See page 67. || See page 58.

TABLE XXI.
METROPOLITAN BOROUGH OF POPLAR.
BROMLEY SUB-DISTRICT.

Cases of Infectious Disease notified during the Year 1920.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN SUB-DISTRICT.								No. of Cases removed to Hospital from Sub-District.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Small-pox	6	...	...	...	1	2	3	...	6
Cholera, Plague ... ..	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	253	12	93	129	12	6	1	...	243*
Erysipelas	32	1	...	2	3	15	8	3	15†
Scarlet Fever	610	7	122	414	54	12	1	...	579‡
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...
Enteric Fever	5	...	...	1	1	3	...	...	3¶
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...
Færipereal Fever	8	...	...	...	3	4	1	...	8§
Cerebro-Spinal Meningitis ...	3	...	...	1	1	1	...	...	1**
Acute Encephalitis Lethargica	3	...	...	...	1	...	2	...	3††
Ophthalmia Neonatorum ...	25	25	...	...	...	...	...	...	...
Pulmonary Tuberculosis ...	193	1	12	25	37	81	35	2	...
Other forms of Tuberculosis	68	...	16	39	8	3	2	...	...
Zymotic Enteritis	55	21	25	7	2	...	...	...	...
Anthrax ... ..	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ...	211	31	53	26	24	44	27	6	...
Malaria	6	...	...	...	...	6	...	...	2
Dysentery ... ..	...	...	...	...	...	...	...	...	...
Totals	1,478	98	321	644	147	177	80	11	860

* See page 64. † See page 60. ‡ See page 60. ¶ See page 62. § See page 59.

** See page 67. †† See page 68.

TABLE XXII.
METROPOLITAN BOROUGH OF POPLAR.
BOW SUB-DISTRICT.
Cases of Infectious Disease notified during the Year 1920.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN SUB-DISTRICT.								N ^o . of Cases removed to Hospital from Sub-District.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Small-pox ... ..	...	...	...	...	...	...	...	...	...
Cholera, Plague ... ..	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	195	5	58	111	13	7	1	...	*191
Erysipelas	26	3	...	5	2	9	5	2	†6
Scarlet Fever	304	4	59	220	17	4	...	...	‡291
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...
Enteric Fever	3	...	...	...	1	1	1	...	¶2
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...
Puerperal Fever	6	...	...	...	...	6	...	...	§6
Cerebro-Spinal Meningitis ...	4	...	...	4	...	...	...	...	**3
Acute Encephalitis Lethargica	1	...	...	...	...	1	...	...	††1
Ophthalmia Neonatorum ...	11	11	...	...	...	...	...	...	3
Pulmonary Tuberculosis ...	130	...	3	27	29	44	26	1	...
Other forms of Tuberculosis	38	2	6	18	4	6	1	1	...
Zymotic Enteritis	18	12	5	...	...	1	...	...	...
Anthrax	1	...	...	...	...	1	...	...	||1
German Measles ... ..	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ...	119	24	36	11	11	20	10	7	..
Malaria... ..	3	...	...	...	...	3	...	...	...
Dysentery ... ..	...	...	...	...	...	...	...	...	...
Totals	859	61	167	396	77	103	44	11	504

* See page 64. † See page 60. ‡ See page 60. ¶ See page 62. § See page 59.

** See page 67. †† See page 68. || See page 58.

ZYMOTIC DISEASES.*

NOTIFICATIONS; INSTITUTIONS; ERRORS IN DIAGNOSIS; INFECTIOUS
DISEASES IN MILK SHOPS AND ON HOMEWORKERS' PREMISES.

NOTIFICATIONS.

There were 791 notifications of infectious diseases in Poplar, 920 in Bromley, and 540 in Bow, making a total of 2,251 for the Borough of Poplar; these do not include 59 second notifications.

In the above figures no deductions have been made for cases removed to the Metropolitan Asylums Board's hospitals, which were afterwards certified as not having a notifiable disease.

The uncorrected notification rate per 1,000 living being :—

		Poplar.		Bromley.		Bow.		Borough of Poplar
1916	..	5.92	..	5.37	..	6.87	..	5.94
1917	..	6.38	..	5.46	..	4.33	..	5.50
1918	..	5.46	..	4.83	..	3.80	..	4.79
1919	..	5.07	..	5.94	..	6.39	..	5.76
1920	..	14.25	..	14.38	..	13.40	..	14.08

Corrected number of notifications and rates—

Poplar	...	...	791	—	14	=	777	or	13.99	per 1000 living.
Bromley	...	...	920	—	18	=	902	or	14.10	„
Bow	...	...	540	—	11	=	529	or	13.12	„
Borough of Poplar	2,251	—	43	=	2,208	or	13.82			„

* Exclusive of Zymotic Enteritis, Pneumonia, Dysentery, Trench Fever, Malaria, Ophthalmia Neonatorum.

Of the 791 patients notified in Poplar, 728 were removed to hospitals and institutions; of the 920 in Bromley 858 were isolated, and of the 540 in Bow 501 were removed, so that of a total of 2,251 notifiable diseases in the Borough 2,087 patients (exclusive of ophthalmia neonatorum) had been removed from their homes.*

INSTITUTIONS.

Notifications of parishioners from Institutions (excluding cases which had been notified before admission) within the sub-districts of Poplar and Bromley were as follows:—

	Total Cases.	NOTIFICATIONS.								REMOVALS.						
		Diphtheria.	Erysipelas.	Scarlet Fever.	Enteric Fever.	Puerperal Fever.	Ophthalmia Neonatorum.	Zymotic Enteritis.	Pneumonia (all forms).	Diphtheria.	Erysipelas.	Scarlet Fever.	Enteric Fever.	Puerperal Fever.	Zymotic Enteritis.	Pneumonia (all forms).
Poplar Institution	7	..	3	1	..	1	..	..	2	..	3*	1**	..	1*	..	2*
St. Andrew's Hospital ..	4	..	1§	2§	..	..	..	..	§1	..	1*	2**	..	..	..	1*
Bow Institution..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bromley House Institution ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Langley House, 54, East India Dock Road ..	12	..	..	12	..	..	..	..	..	..	..	12**	..	..	..	..
Poplar Hospital..	2	..	..	1§	..	..	..	..	1†	..	..	1†	..	..	..	1†

* Admitted into St. Andrew's Hospital.

** Removed to M.A.B. Hospitals.

§ Staff.

† Homeless, treated in Poplar Hospital.

† Removed to London Fever Hospital.

INFECTIOUS DISEASES IN MILKSHOPS AND HOMEWORKERS' PREMISES.

Three cases of infectious disease (scarlet fever) were connected with milkshops in the Borough : 0 in Poplar ; 3 in Bromley ; and 0 in Bow. The sale of milk was stopped until after the premises and utensils had been disinfected.

Nineteen premises with outworkers were connected with infectious cases notified : 5 (scarlet fever) in Poplar, 6 (5 scarlet fever and 1 diphtheria) in Bromley, and 8 (5 scarlet fever, 2 diphtheria, and 1 erysipelas) in Bow.

No notices were served under the Factory and Workshop Act, 1901, Sections 108 and 110, but, where there was any risk of infection the work was discontinued, and any work found on the premises was disinfected before being returned. No cases of measles were connected with outworkers' premises.

DISINFECTING DEPARTMENT.

ROOMS AND ARTICLES (INFECTIOUS AND VERMINOUS) DISINFECTED.

The following figures give the number of rooms and articles disinfected :—

Sub-District, &c.	Rooms.	Beds	Mattresses and Palliassees	Pillows.	Bolsters.	Various.	Totals.
Poplar	656	668	509	1,999	777	8,188	12,141
Bromley	826	836	629	2,741	1,001	10,372	15,579
Bow	458	470	301	1,401	542	5,703	8,417
Totals	1,940	1,974	1,439	6,141	2,320	24,263	36,137
Miscellaneous	174	167	63	477	175	2,220	3,102
Totals	2,114	2,141	1,502	6,618	2,495	26,483	39,239
Pulmonary Tuberculosis	263	27	8	71	21	211	338
Totals	2,377	2,168	1,510	6,689	2,516	26,694	39,577

Other articles also passed through the Council's apparatus, from the Shelter, Glaucus Street, disinfectors' clothing, overalls, drop-sheets, etc., to the number of 22,291 and 69,905 articles of clothing from verminous persons were disinfected

Making a total of 131,773 articles

ELECTROLYTIC DISINFECTING FLUID.

OUTPUT OF FLUID ; DISTRIBUTION OF FLUID ; COST OF MATERIAL AND ELECTRICITY ; BOTTLES, CORKS AND LABELS : TOTAL QUANTITY MANUFACTURED SINCE INSTALLATION OF PLANT ; ESTIMATE FOR THE YEAR ENDED 31ST MARCH, 1920, AND EXPENDITURE FOR YEAR ENDED 31ST MARCH, 1920, AVERAGE EXPENDITURE FOR THREE YEARS ENDED 31ST MARCH, 1920, ESTIMATE FOR YEAR ENDING 31ST MARCH, 1921, AND FOR YEAR ENDING 31ST MARCH, 1922 ; SPRAYING AND CLEANSING FLOORS OF LONDON COUNTY COUNCIL SCHOOLS WITH ELECTROLYTIC DISINFECTING FLUID ; SWIMMING BATHS, THE USE THEREIN OF THE ELECTROLYTIC FLUID ; COMMENTS ON ADVERSE CRITICISMS.

OUTPUT OF FLUID.

At the seven depots the electrolytic fluid was still in great demand by the public.

The output of fluid during each month of the year 1920 was as follows :—

				Broken down to	
				Manufactured	Gallons and
				Gallons.	Distributed.
January	..	..	1,725	..	3,450
February	..	..	2,265	..	4,530
March	..	..	2,940	..	5,880
April	..	..	3,480	..	6,960
May	..	..	3,915	..	7,830
June	..	..	4,410	..	8,820
July	..	..	4,335	..	8,670
August	..	..	4,290	..	8,580
September	..	..	3,870	..	7,740
October	..	..	3,465	..	6,930
November	..	..	2,580	..	5,160
December	..	..	1,980	..	3,960
Total	..	..	39,255	..	78,510

Since the beginning of August, 1914, the fluid has been manufactured of greater strength, being afterwards broken down to half strength for distribution.

DISTRIBUTION OF FLUID.

The fluid was distributed as follows:—

1.	Violet Road Depot	..	..	35,105½	gallons
2.	Bickmore Street Depot	..	..	8,150	„
3.	Old Ford Road Depot	..	..	6,568	„
4.	Ford Road Depot	..	..	3,624	„
5.	Trego Road Depot	..	..	3,815	„
6.	Stebondale Street Depot	..	..	4,035	„
7.	Millwall Depot	..	..	744	„
8.	Public Health Offices	..	..	165	„
9.	Poplar Baths	..	..	4,066	„
10.	Bow Baths	..	..	3,841	„
11.	Island Baths	..	..	1,016	„
12.	Poplar Town Hall	..	..	129	„
13.	Bromley Public Hall	..	..	66	„
14.	Works Department	..	..	684	„
15.	Guardians' Offices	..	..	302	„
16.	Poplar Union Workhouse	..	..	1,278	„
17.	Langley House	..	..	114	„
18.	Poplar Training School, Hutton	..	..	11½	„
19.	Public Libraries	..	..	180	„
20.	Used at Council's Shelter in baths of verminous persons	..	..	644	„
21.	London County Council Schools	..	..	1,707	„
22.	Mortuary, High Street, Poplar	..	..	540	„
23.	Borough of Poplar Dispensary	..	..	48	„
24.	Royal College of St. Katharine	..	..	312	„
25.	Private Firms in Borough	..	..	846	„
26.	Council Offices, Poplar	..	..	204	„
27.	East London Federation of Suffragettes	..	..	24	„
28.	Kingsley Hall	..	..	114	„
29.	Bow War Pensions Office	..	..	132	„
30.	North Poplar Clinic, Shirbutt Street	..	..	18	„
31.	St. Gabriel's Settlement	..	..	27	„
Total				78,510	„

COST OF MATERIAL AND ELECTRICITY.

The cost of material in manufacturing 39,255 (strong) gallons of the electrolytic fluid was as follows:—

	£	s.	d.
Electricity, 9,529 units at 1½d. (with 65-85 per cent. advance) per unit	105	7	3
*Chloride of Magnesium, 7 tons 9 cwt. 3 qrs. . .	100	15	6
*Salt, 4 tons 17 cwt. 2 qrs.	23	17	6
*Caustic Soda, 10 cwt. 1 qr. 4 lb.	26	2	11
Water	2	15	5
<hr/>			
Total cost of materials to produce 39,255 gallons (strong) broken down to 78,510 gallons	£258	18	7
Electric motor for stirring: 233 units ..	2	11	6

BOTTLES, CORKS AND LABELS,

Bottles	..	..	..	..	..	..	87	0	2
Corks	..	..	..	..	..	..	4	13	0
Labels	..	..	.	..	..	..	—
							<hr/>		
							£91	13	2
							<hr/>		

TOTAL QUANTITY MANUFACTURED SINCE INSTALLATION OF PLANT.

Since the installation of the plant, a period of 15 years, 576,759 gallons of fluid have been manufactured (see footnote page 54) at a cost for electricity of £769 3s. 4½d., and materials of £938 4s. 7d., less than 1d. per gallon (previous to the war the cost was under ½d. per gallon, but even with the strong fluid which at present is being made and is broken down the cost is still about ½d. per gallon when the gallons are reckoned in bulk)†.

* The price of these materials has considerably increased in recent years.

† See "Comments on Adverse Criticism," Annual Report, 1911.

Year.	Output, gallons.	Material, Chloride of Magnesium, Salt, Caustic Soda and Water. Cost.			Electricity			Total		
		£	s.	d.	£	s.	d.	£	s.	d.
1906 ..	17,000	17	12	5	15	17	10	33	10	3
1907 ..	15,586	14	16	9	14	13	2	29	9	11
1908 ..	28,280	27	14	7	28	7	10	56	2	5
1909 ..	27,216	23	4	7	29	17	7½	53	2	2½
1910 ..	50,726	47	11	10	50	10	6	98	2	4
1911 ..	53,063	50	17	9	56	16	7½	107	14	4½
1912 ..	54,388	41	7	10	59	14	4½	101	2	2½
1913 ..	66,740	62	7	3	71	0	10½	133	8	1½
1914 ..	68,795†	59	16	11†	75	0	3†	134	17	2†
1915 ..	36,985†	35	19	3†	48	12	0†	84	11	3†
1916 ..	26,790†	74	4	0†	40	3	1†	114	7	1†
1917 ...	27,900†	75	10	4†	44	11	6½†	120	1	10½†
1918 ..	30,750†	114	5	9†	51	2	8†	165	8	5†
1919 ..	33,285†	139	4	0†	77	7	9†	216	11	9†
1920 ..	39,255†	153	11	4†	105	7	3†	258	18	7†
Total	576,759	£938	4	7	£769	3	4½	£1,707	7	11½

The Public Health Department is not only furnished with the disinfectant and the various institutions of the Council (the public baths, etc.), but the institutions of the Managers of St. Andrew's Hospital and of the Board of Guardians (within and without the Borough) are supplied with an unlimited quantity free if required.

For the Fluid supplied to the Works Department a charge of 1d. per gallon is made; the Public Health Department is credited with this amount although no actual monetary transaction takes place.

As applicants now usually bring their own receptacles to the depots, there is also a very appreciable saving in the expense on bottles alone.

For Electrolytic Disinfectant supplied to manufacturers and trading concerns, a charge of 8d. per gallon is made through the Electricity Department, the Electricity Undertaking being allowed an amount of 10 per cent. for establishment charges.

† On page 51 it will be seen that the fluid is made of greater strength and afterwards broken down to half strength for distribution, more electrical current being used.

Gallons distributed:—

1914	...	...	...	...	...	...	88,425
1915	...	...	...	...	...	...	73,970
1916	...	...	...	...	...	...	53,580
1917	...	...	...	...	...	...	55,800
1918	...	...	...	...	...	...	61,500
1919	...	...	...	...	...	...	66,570
1920	...	...	...	...	...	...	78,510

The diminution is due to not such a lavish distribution on account of increased prices and difficulty of obtaining materials.

ESTIMATE FOR THE YEAR ENDED 31ST MARCH, 1920, AND EXPENDITURE FOR YEAR ENDED 31ST MARCH, 1920,
AVERAGE EXPENDITURE FOR THREE YEARS ENDED 31ST MARCH, 1920, ESTIMATE FOR YEAR ENDED 31ST MARCH,
1921, AND FOR YEAR ENDING 31ST MARCH, 1922.

Electrolytic Disinfectant.	Estimate for year ended 31st March, 1920.		Expenditure for year ended 31st March, 1920.		Average Expenditure for 3 years ended 31st March, 1920.		Estimate for year ending 31st March, 1921.		Estimate for year ending 31st March, 1922.		No.
	£	£	£	£	£	£	£	£	£	£	
1 Wages (Manufacturing, bottling & delivery to Depots, Guardians' Institutions)	513		618		474		695		650		1
2 Rent, Rates and Insurance—Main Depot	80		73		63		80		80		2
3 Supervision of Plant	15		15		15		15		15		3
4 Electricity and Water	50		108		84		90		120		4
5 Materials (Chemicals)	100		127		106		145		145		5
6 Bottles, Corks, Wax, Labels and Paste	20		16		24		50		50		6
7 Sundries (including Testing Apparatus and Carboys)	32		54		43		60		60		7
8 Repairs—Depot... ..	50		166		82		109		100		8
	900		1177		896		1235		1220		
9 Issuing—Wages and War Bonuses—(Old Ford Road, Trego Road, Ford Road, Bickmore Street, West Ferry Road, and Stebondale Street Depots)	483		477		414		568		624		9
10 Issuing—Cartage	30		49		40		60		60		10
11 Rent—Issuing Depots (Ford Road, Trego Road and Stebon- dale Street)	32		31		31		32		32		11
12 Sundries and Petty Expenses	10		33		20		10		38		12
	555		590		505		680		754		
	1,455		1,767		1,401		1,915		1,974		
13 Less—Sale of Fluid	60		33		41		60		40		13
	1,395		1,734		1,360		1,855		1,934		

SPRAYING AND CLEANSING FLOORS OF LONDON COUNTY COUNCIL
SCHOOLS WITH ELECTROLYTIC DISINFECTING FLUID.

1,707 gallons were supplied to seven London County Council Public Elementary Schools for spraying and cleansing floors of class rooms.

SWIMMING BATHS, THE USE THEREIN OF THE ELECTROLYTIC FLUID.

The fluid continues to be added to the water in the swimming baths in the same quantity and strength as mentioned in the Annual Report for the year 1909, viz., 1 part of Chlorine to 2,000,000 parts of water. 4,066 gallons were supplied to the Poplar Baths, 3,841 gallons to the Bow Baths, and 1,016 gallons to the Island Baths, making a total of 8,923 gallons.

COMMENTS ON ADVERSE CRITICISM RESPECTING THE PROCESS.

See Annual Report, 1911.

In spite of adverse criticism, the process has been a success for fifteen years.

**VERMINOUS CHILDREN ATTENDING SCHOOLS.
LONDON COUNTY COUNCIL (GENERAL POWERS)
ACT, 1907, CHILDREN ACT, 1908.**

NUMBER OF VERMINOUS CHILDREN BATHED ; ITCH CASES.

NUMBER OF VERMINOUS CHILDREN BATHED.

Quarter.	Total number of Cleansings.	Amount.
1920.		£ s. d.
March	1,389	69 9 0
June	1,289	64 9 0
September	757	37 17 0
December	886	44 6 0
Totals	4,321	£216 1 0

3,722 children (1,784 boys and 1,938 girls) belonging to the Borough and 583 children (275 boys and 308 girls) outside the Borough were bathed and their clothes disinfested.

Miss Tattersall made 116 visits in connection with verminous school children—13 Poplar, 30 Bromley, and 73 Bow.

Cleansing of Verminous Rooms, see page 85.

ITCH CASES.

The itch cases treated at the cleansing station are included in the verminous cases above.

Miss Tattersall made 418 visits in connection with children suffering from itch—138 Poplar, 153 Bromley, and 127 Bow.

CLEANSING OF PERSONS ACT, 1897.

During the year 174 persons (114 men and 60 women) (including 35 from Common Lodging Houses—see below) had applied for baths and for their clothes to be disinfested. Since the notices were posted throughout the Borough, a total of 6,279 persons, exclusive of non-residents, had applied for baths, etc., as mentioned above.

VERMINOUS PERSONS IN COMMON LODGING HOUSES, LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1907.

NUMBER OF PERSONS CLEANSED WITHIN AND WITHOUT BOROUGH
FROM COMMON LODGING HOUSES.

The following number of persons from Common Lodging Houses within and without the Borough of Poplar were cleansed at the Council's

Cleansing Station, Glaucus Street, during the year ended 31st December, 1920.

Common Lodging House, etc.	Male.	Female.	Total.
Bow Chambers, 193-7, Bow Road.. ..	31	—	31
St. James' Chambers, 217, High Street, Poplar	17	—	17
	48	—	48
From Common Lodging Houses without Borough of Poplar—			
Whitechapel	—	35	35
	—	35	35

PLAGUE.

No case of this disease was notified during the year.

ANTHRAX, GLANDERS, AND HYDROPHOBIA IN MAN.

ANTHRAX ; LONDON NOTIFICATION OF GLANDERS ORDER, 1907 ;
HYDROPHOBIA.

ANTHRAX.

Two cases were notified : one Poplar and one Bow. The Poplar case was treated in Poplar Hospital and the Bow case in the London Hospital. Both cases recovered.

LONDON NOTIFICATION OF GLANDERS ORDER, 1907.

In accordance with the London (Notification of Glanders) Order, 1907, one notice was received from the Veterinary Inspector of the London County Council of the existence of Glanders at premises in the Borough.

HYDROPHOBIA.

No case of this disease was notified during the year.

PUERPERAL FEVER.*

* See page 27 as to what diseases are included under Puerperal Fever.

NUMBER OF CASES.

Twenty-four cases of puerperal fever were notified :—10 Poplar, 8 Bromley, and 6 Bow.

REMOVALS.

	Poplar.	Bromley.	Bow.	Totals.
M.A.B. Hospitals	5	7	1	13
St. Andrew's Hospital ...	4	—	4	8
London Hospital	—	1	—	1
Holborn Institution	—	—	1	1
	—	—	—	—
	9	8	6	23
	—	—	—	—

DEATHS.

Seven patients died—2 Poplar, 1 Bromley, and 4 Bow.

SMALL-POX.

Eleven cases of small-pox were notified and removed to M.A.B. Hospitals during the year—5 Poplar, 6 Bromley, 0 Bow. Three patients belonging to Bromley Sub-District died. One case included above was certified, after removal, to be not suffering from small-pox, leaving 10 true cases.

VACCINATION.

VACCINATION RETURN, 1919 and 1920.

The Vaccination Officer, Mr. Ryan, has kindly furnished me with the following statistics.

Approximate Figures, 1920.

		Births notified.	Deaths registered under 12 months.
Poplar ... ..	...	1,681	95
Bromley ... ..	...	2,198	243
Bow ... ..	...	1,235	75
		—	—
Totals ... ..	...	5,114	413
		—	—

Vaccination certificates received of all ages, 1,385

ERYSIPELAS.

84 cases of erysipelas were notified during the year: 26 Poplar, 32 Bromley, and 26 Bow. 31 patients were isolated as follows:—

	Poplar.	Bromley.	Bow.	Totals.
M.A.B. Hospital ...	1*	—	—	1*
St. Andrew's Hospital...	9	15	6	30
	—	—	—	—
	10	15	6	31
	—	—	—	—

* Admitted with scarlet fever.

Nine deaths occurred—1 Poplar, 5 Bromley, and 3 Bow.

SCARLET FEVER.

The number of Scarlet Fever cases notified for the three sub-districts and the deaths which occurred for the past five years were as follows:—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	Cases notified ..	114	..	103	..	91	..	308
	Deaths ..	0	..	5	..	2	..	7
1917	Cases notified ..	81	..	74	..	50	..	205
	Deaths ..	1	..	1	..	2	..	4
1918	Cases notified ..	97	..	82	..	52	..	231
	Deaths ..	0	..	2	..	0	..	2
1919	Cases notified ..	112	..	162	..	98	..	370
	Deaths ..	—	..	4	..	—	..	4
1920	Cases notified ..	486	..	610	..	304	..	1,400
	Deaths ..	6	..	6	..	2	..	14

455 cases in Poplar (Sub-District) were removed to the Metropolitan Asylums Board's Hospitals, 578 in Bromley and 291 in Bow. One Bromley patient was treated in the London Fever Hospital (Poplar Hospital staff). So that 1,325 patients out of 1,400 notified cases in the Borough were isolated.

CONTINUED AND TYPHUS FEVER.

No cases of continued and typhus fever were notified.

TYPHOID FEVER.

NOTIFICATIONS; RATE PER 1,000 LIVING; ERRORS IN DIAGNOSIS;
BACTERIOLOGICAL EXAMINATIONS OF DOUBTFUL AND CONVALESCENT
CASES; DEATHS.

NOTIFICATIONS.

The Typhoid Fever cases notified were:—

		Poplar.		Bromley.		Bow.	Borough of Poplar.	
1916	..	7	..	7	..	5	..	19
1917	..	19	..	16	..	4	..	39
1918	..	8	..	3	..	1	..	12*
1919	..	11	..	6	..	6	..	23
1920	..	9	..	5	..	3	..	17

* The lowest number of cases recorded.

		1st quarter.		2nd quarter.		3rd quarter.		4th quarter.		Total.
Poplar	..	2	..	3	..	3	..	1	..	9
Bromley	..	2	..	—	..	2	..	1	..	5
Bow	..	—	..	1	..	1	..	1	..	3
		—		—		—		—		—
		4		4		6		3		17
		—		—		—		—		—

Notifications per 1,000 living:—

		Poplar.]		Bromley.		Bow.	Borough of Poplar	
1916	..	0·12	..	0·11	..	0·12	..	0·12
1917	..	0·38	..	0·27	..	0·11	..	0·27
1918	..	0·16	..	0·05	..	0·02	..	0·08
1919	..	0·20	..	0·09	..	0·15	..	0·14
1920	..	0·16	..	0·07	..	0·07	..	0·10

ISOLATION.

Seven cases in Poplar, three in Bromley and two in Bow were removed to various hospitals, as follows :—

			Poplar.	Bromley.	Bow.	Borough.
Metropolitan Asylums						
Board's Hospitals	...		3	1	2	6
St. Andrew's Hospital	...		3	—	—	3
Poplar Hospital	...	...	1	—	—	1
London Hospital	...	...	—	1	—	1
Seamen's Hospital	...	...	—	1	—	1
			—	—	—	—
			7	3	2	12
			—	—	—	—

ERRORS OF DIAGNOSIS.

No cases removed to Metropolitan Asylums Board Hospitals were certified to be not suffering from typhoid fever.

DEATHS.

Four patients died from typhoid fever, out of 17 cases (3 Poplar, and 1 Bow).

BACTERIOLOGICAL EXAMINATIONS OF DOUBTFUL CASES.

Three specimens of blood from doubtful cases of typhoid fever were forwarded to the Lister Institute of Preventive Medicine. In one instance (33·3 per cent.) the typhoid (Widal) reaction was obtained.

DIPHTHERIA, INCLUDING MEMBRANOUS CROUP.

NOTIFICATIONS; DEATHS; BACTERIOLOGICAL EXAMINATIONS; ERRORS
IN DIAGNOSIS; ISOLATION; THE DIPHTHERIA ANTI-TOXIN
(LONDON) ORDER, 1910.

NOTIFICATIONS.

250 cases of diphtheria were notified in Poplar, 253 cases were notified in Bromley, and 195 cases were notified in Bow, making a total of 698 cases for the whole Borough.

Cases notified :—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	104	..	124	..	111	..	339
1917	..	148	..	150	..	68	..	366
1918	..	124	..	137	..	44	..	305
1919	..	93	..	128	..	99	..	320
1920	..	250	..	253	..	195	..	698

Notifications per 1,000 living :—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	1.93	..	1.99	..	2.83	..	2.18
1917	..	2.97	..	2.61	..	1.87	..	2.55
1918	..	2.55	..	2.45	..	1.25	..	2.18
1919	..	1.74	..	2.08	..	2.55	..	2.08
1920	..	4.50	..	3.95	..	4.83	..	4.36

DEATHS:

Number of deaths for the past five years was as follows :—

		Poplar.		Bromley.		Bow.		Borough of Poplar.	Mortality per 100 cases notified.
1916	..	11	..	8	..	9	..	28	8.25
1917	..	6	..	13	..	4	..	23	6.28
1918	..	8	..	16	..	7	..	31	10.16
1919	..	11	..	13	..	14	..	38	11.87
1920	..	17	..	30	..	12	..	59	8.45

For death rates from diphtheria, also see Table XVIII., page 43.

BACTERIOLOGICAL EXAMINATIONS.

442 swabbings from throats of doubtful cases of diphtheria were forwarded for bacteriological examination to the Lister Institute of Preventive Medicine. The bacillus diphtheriæ was isolated in 126 instances (28·5 per cent.).

ERRORS IN DIAGNOSIS.

Eighteen cases of diphtheria admitted into Metropolitan Asylums Board's hospitals were certified as not having the complaint, 7 Poplar, 5 Bromley and 6 Bow.

No deductions have been made in respect of these patients.

ISOLATION.

237 cases in Poplar, 243 in Bromley, and 191 in Bow were removed to various hospitals for treatment, as follows :—

		Poplar.	Bromley.	Bow.	Total.
Metropolitan Asylums					
Board's Hospitals	...	236	239	191	666
St. Andrew's Hospital	...	1	3	—	4
Poplar Hospital	... ..	—	1	—	1
		—	—	—	—
		237	243	191	671
		—	—	—	—

THE DIPHTHERIA ANTI-TOXIN (LONDON) ORDER, 1910.

Eighty-eight thousand units of diphtheria anti-toxin were supplied to medical practitioners during the year.

WHOOPING COUGH.

DEATHS.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	6	..	21	..	16	..	43
1917	..	4	..	24	..	3	..	31
1918	..	35	..	14	..	12	..	61
1919	..	12	..	12	..	—	..	24
1920	..	17	..	17	..	16	..	50

INFLUENZA.

DEATHS.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	1	..	7	..	2	..	10
1917	..	7	..	9	..	1	..	17
1918	..	175	..	218	..	131	..	524
1919	..	51	..	50	..	38	..	139
1920	..	14	..	20	..	19	..	53

POPLAR (WHOLE BOROUGH).

Influenza Deaths during the Year 1920.

Age Periods.				All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
Males ..	..	..	..	28	—	—	2	—	4	11	9	2
Females	..	..	..	25	1	—	2	1	3	12	3	3
Totals	..	..	..	53	1	—	4	1	7	23	12	5

POPLAR (SUB-DISTRICT).

Age Periods.				All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
Males ..	..	..	..	7	—	—	2	—	1	2	2	—
Females	..	..	..	7	—	—	1	1	1	2	2	—
Totals	..	..	..	14	—	—	3	1	2	4	4	—

BROMLEY (SUB-DISTRICT).

Age Periods.				All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
Males .. .. .	..	..	..	11	—	—	—	—	1	5	4	1
Females .. .. .	..	..	..	9	—	—	1	—	—	5	1	2
Totals .. .. .	..	..	..	20	—	—	1	—	1	10	5	3

BOW (SUB-DISTRICT).

Age Periods.				All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
Males .. .. .	..	..	..	10	—	—	—	—	2	4	3	1
Females .. .. .	..	..	..	9	1	—	—	—	2	5	—	1
Totals .. .. .	..	..	..	19	1	—	—	—	4	9	3	2

MEASLES.

DEATHS.

The following figures are the deaths from Measles for the past five years :—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1916	..	21	..	19	..	8	..	48
1917	..	29	..	47	..	15	..	91
1918	..	35	..	79	..	37	..	151
1919	..	6	..	—	..	1	..	7
1920	..	3	..	12	..	18	..	33

Thirteen deaths (9 of which belonged to the Borough of Poplar) occurred in St. Andrew's Hospital.

For death rates see Table XVIII., page 43.

Respecting outworkers see page 50.

SPOTTED FEVER. EPIDEMIC CEREBRO-SPINAL MENINGITIS.*

NUMBER OF CASES.

Eleven cases occurred within the Borough—4 Poplar, 3 Bromley, and 4 Bow.

ISOLATION.

			Poplar.	Bromley.	Bow.	Totals.
Metropolitan Asylums						
Board's Hospitals	...		1	—	—	1
St. Andrew's Hospital	...		—	—	1	1
Mildmay Medical Mission						
Hospital ...	...	...	—	—	1	1
London Hospital	...	...	2	—	1	3
Poplar Hospital	...	...	—	1	—	1
Children's Hospital, Great Ormond Street	...	...	1	—	—	1
			—	—	—	—
			4	1	3	8
			—	—	—	—

Eight patients died from Cerebro-Spinal Meningitis—3 Poplar, 2 Bromley and 3 Bow. In one other notified case the cause of death was given as "Cerebral Hæmorrhage. P.M."

ACUTE POLIO-MYELITIS, OR ACUTE POLIO- ENCEPHALITIS, AND ACUTE ENCEPHALITIS LETHARGICA.

No cases of Polio-myelitis were notified.

Three cases of Encephalitis Lethargica occurred in Bromley and one in Bow.

* Posterior basal meningitis is included in the term "cerebro-spinal fever," which does not include meningitis due to tuberculosis, syphilis, middle ear disease, or injury.

REMOVALS.

	Poplar	Bromley	Bow	Total
St. Andrew's Hospital	—	1	—	1
London Hospital	—	2	1	3
	—	—	—	—
	3	1	—	4
	—	—	—	—

DEATHS.

Two deaths of Bromley patients occurred, in one notified case the cause of death being given as "Sarcoma of brain."

DIARRHŒA AND ENTERITIS.

DIARRHŒA AND ENTERITIS—DEATHS; NOTIFICATION OF ZYMOTIC ENTERITIS AND SUMMER DIARRHŒA.

Under this heading are included deaths registered as due to epidemic diarrhœa, epidemic enteritis, infective enteritis, zymotic enteritis, summer diarrhœa, choleraic diarrhœa, gastro-enteritis, gastro-intestinal catarrh, muco-enteritis, colitis, etc. Deaths from dysentery are not included. See Tables VIII.—XI., XIII.—XVI.

DEATHS—ALL AGES.

	Poplar.	Bromley.	Bow.	Borough of Poplar.	London.
1916 ..	43 ..	41 ..	23 ..	107 ..	1,598*
1917 ..	39 ..	32 ..	28 ..	99 ..	1,506*
1918 ..	21 ..	18 ..	19 ..	58 ..	1,112*
1919 ..	33 ..	22 ..	27 ..	82 ..	1,372*
1920 ..	23 ..	16 ..	16 ..	55 ..	1,141*

DIARRHŒA,† UNDER ONE YEAR.

	Poplar.	Bromley.	Bow.	Borough
1916 ..	13 ..	18 ..	9 ..	40
1917 ..	13 ..	16 ..	7 ..	36
1918 ..	8 ..	5 ..	5 ..	18
1919 ..	8 ..	3 ..	8 ..	19
1920 ..	5 ..	7 ..	4 ..	16

* Under two years for London only.

† Under the heading of "Diarrhœa" are included deaths registered as due to epidemic diarrhœa, epidemic enteritis, infective enteritis, zymotic enteritis, summer diarrhœa, choleraic diarrhœa and cholera (other than Asiatic or epidemic).

ENTERITIS, UNDER ONE YEAR.*

		Poplar.		Bromley.		Bow.		Borough
1916	..	13	..	12	..	8	..	33
1917	..	7	..	5	..	9	..	21
1918	..	8	..	5	..	5	..	18
1919	..	17	..	13	..	9	..	39
1920	..	12	..	5	..	9	..	26

DIARRHŒA AND ENTERITIS, UNDER ONE YEAR.

		Poplar.		Bromley.		Bow.		Borough
1916	..	26	..	30	..	17	..	73
1917	..	20	..	21	..	16	..	57
1918	..	16	..	10	..	10	..	36
1919	..	25	..	16	..	17	..	58
1920	..	17	..	12	..	13	..	42

NOTIFICATION OF ZYMOTIC ENTERITIS (SUMMER DIARRHŒA).

Notifiable from 1st June to 30th September.

Age periods. Years.	Number of notifications.				Number of deaths.			
	Poplar.	Bromley.	Bow.	Total.	Poplar.	Bromley.	Bow.	Total.
Under 1 ..	25	21	12	58	17	12	13	42
1—5 ..	23	25	5	53	1	2	1	4
5—15 ..	7	7	—	14	1	—	—	1
15—25 ..	—	2	—	2	2	—	—	2
25—45 ..	—	—	1	1	—	—	—	—
45—65 ..	—	—	—	—	1	—	—	1
65 and upwards	—	—	—	—	1	2	2	5
	—	—	—	—	—	—	—	—
All ages—totals	55	55	18	128	23	16	16	55
	—	—	—	—	—	—	—	—

* Under the heading of "Enteritis" are included deaths registered as due to enteritis, muco-enteritis, gastro-enteritis, and gastro-intestinal catarrh.

INQUESTS AND DEATHS FROM VIOLENCE.

Inquests and Deaths from violence during the year 1920, were as follows :—

Sub-Districts.	Number of Inquests held in the Sub-Districts.	Deduct Inquests held on non-parishioners.	Add Inquests held on parishioners from outlying districts.	Total Inquests belonging to each Sub-District.	Verdict from Violence.	Verdict from Natural Causes.
POPLAR ..	88	20	53	121	53	68
BROMLEY	230	125	15	120	37	83
BOW ..	36	1	33	68	23	45
TOTALS	354	146	101	309	113	196

For annual rates of deaths from violence per 1,000 persons living and the percentages of inquest cases to total deaths, see Table XVIII page 43.

	Violent deaths which actually occurred in Poplar, Bromley and Bow, not deducting non-residents, were as follows :—			Deaths occurring entirely outside the Borough, but belonging thereto.		
	POPLAR.	BROMLEY.	BOW.	POPLAR.	BROMLEY.	BOW.
By Railway ... ..	...	2	...	2	1	1
By Vehicles and Horses ...	2	19	...	1	2	5
Ships, Boats and Docks (exclusive of drowning) ...	...	6	...	...	...	...
Building Operations ... ..	...	3	...	1	...	...
Conflagrations ... ..	...	...	...	...	...	...
Burns, Scalds and Explosions	6	11	...	...	1	...
Drowning (accidental not suicidal)	15	2	...	2	1	1
Suffocation in Bed ... ..	...	1	1	...	...	...
Poisons or Poisonous Vapours	...	3	1	...	...	...
Other and not stated Causes ...	10	41	4	2	5	2
Homicide ... ..	...	...	...	...	...	...
Suicide	5	3	4	1	1	...
Murder	2	...	...	...	...	...
Anthrax ... ..	...	...	...	...	...	...
Food Poisoning ... ..	...	1	...	...	...	...
TOTAL	40	92	10	9	11	9

MORTUARY.

NUMBER OF BODIES RECEIVED INTO COUNCIL'S MORTUARY, COTTAGE STREET.

The following is the number of bodies received into the Council's Mortuary, Cottage Street, Poplar, classified according to the ages of the deceased :—

No age stated	..	..	..	..	..	..	1
Stillborn	..	..	..	..	..	..	4
Under 1	..	..	..	..	..	..	53
1 to 5	..	..	..	..	..	..	15
5 to 15	..	..	..	..	..	..	10
15 to 25	..	..	..	..	..	..	22
25 to 65	..	..	..	..	..	..	157
65 and upward	..	..	..	..	..	..	73
							<hr/>
Total	..	..	..	..	..	..	335
							<hr/>

CANAL BOATS.

For the year ended 31st December, 1920, the inspections and reports of the Inspectors respecting registered canal boats and non-registered canal boats were as follows :—

	Registered.	Non-Registered.
†Mr. H. A. Tibbatts, East Combined Division	—	—
‡Mr. J. Johnson, West Combined Division ..	—	—
†Mr. C. H. Brown, Poplar South Division ..	—	—
Mr. H. J. Langley, Bromley North Division	—	—
Mr. Wm. Johnson, Bromley Central Division	—	—
*Mr. A. J. Field, Bow East Division ..	5	7
Mr. W. Boyce, Bow West Division ..	—	43
	—	—
	5	50
	—	—

† No canal in Sub-division; deputises when necessary for other Inspectors.

* Mr. Field reported that one registered boat was visited twice.

‡ Mr. J. Johnson reported no canal boats were inspected in West Combined Division during the year.

WORKSHOPS, WORKPLACES, LAUNDRIES AND OUTWORKERS.

TABLE A.

Table giving number of, and inspections, etc., of Bakehouses, Laundries, Workshops, Workplaces, Places where food is prepared, Milk premises, Cowsheds, Slaughter-houses, Offensive Businesses, Ice Cream premises, and Homeworkers' premises.

Premises.	On Register during year 1920.			Number of Inspections.	Number of Intimations.	Number of Notices.	Number of Final Notices.	Number of Prosecutions.
	Male.	Female.	Total.					
Bakehouses (Factories)	24	..	24	70	8	1	..	..
Bakehouses (Workshops)	49	..	49	238	24	3	..	..
Bakehouses (Domestic Workshops)	15	..	15	70	12	..	..	..
Factories (Laundries and Miscellaneous Factories)	†	†	†	58	6	4	..	..
Laundries (Workshops)	1	5	6	25	2	..	..	..
Laundries (Domestic Workshops) .. ..	..	3	3	13	2	..	..	..
Workshops	159	118||	277||	514	50	28	7	..
Workshops (Domestic)	10	15	25	41	5	3	..	..
Workplaces	201	..	201	251	32	7	1	..
Workplaces (Domestic)	31	..	31	41	7	3	2	..
Places where food is sold or prepared ..	311§	..	311§	926¶	109	28	5	..
Milk Premises	194**	..	194**	209	2	..	..	..
Cowsheds	10	..	10	23	..	..	..	..
Slaughterhouses ..	9	..	9	78	1	..	..	..
Other offensive trade premises	5§§	..	5§§	18	..	..	..	..
Ice Cream premises ..	83	..	83	44	3	1	..	..
Homeworkers' premises	56	839	895	1649	2	1	..	..

† No Register is kept of Factories. Figures are from Journals and Card Index.

|| Including 9 workshops where both men and women are employed.

§ Power is used in 22 of these premises where sausages are made.

¶ Including inspections of all factories where food is prepared.

** Including 10 cowsheds.

§§ 5 registered premises, by the London County Council.

TABLE B.

WORKSHOPS ON REGISTER (MALE), 1920.

27 Bootmakers	1 Oar maker
2 Barge builders	1 Oil refiner
2 Boat builders	1 Organ builder
1 Basket maker	1 Packing maker
1 Bellows maker	2 Printers
1 Bottle maker	1 Paint store
2 Brush makers	2 Paint can cleaners
2 Builders	2 Picture frame makers
2 Cycle makers	1 Painter's fitter
1 Cigar maker	1 Pickle works
4 Cork cutters	3 Plumbers
1 Comb maker	1 Rope and twine maker
1 Chemical works	2 Rag sorters
3 Confectioners	1 Rubber wash-house works
1 Coach builder	1 Rat poisons
1 Cardboard box maker	1 Solder works
1 Composition works	1 Sack and Tarpaulin maker
1 Cooperage	1 Stonemason
6 Cabinet makers	6 Tailors
1 Clay pipe maker	4 Tarpaulin works
1 Draught board maker	1 Sheet metal worker
2 Engineers	1 Skin dresser
1 Egg store	1 Tile and earthenware
1 Electrical engineer	2 Tinsmiths
1 Flag maker	1 Tea stores
16 Farriers	3 Upholsterers
1 Frilling maker	3 Undertakers
1 Glass bender	1 Varnish works
5 Harness makers	1 Van works
1 Leather goods	1 Vinegar works
1 Machinery dealer	2 Wheelwrights
1 Medicine maker	1 Wood chopper
3 Motor garage works	2 Wire workers
1 Mattress maker	1 Walking stick maker
2 Metal works	2 Zinc workers
1 Mineral water	

As per List Table A Workshops on Register, page 72.

TABLE B—*continued.*

WORKSHOPS ON REGISTER (MEN AND WOMEN EMPLOYED).

1 Cork cutter	1 Clay pipe maker
1 Tailor	1 Brush maker
2 Confectioners	1 Skin Dresser
2 Upholsterers	

DOMESTIC WORKSHOPS ON REGISTER (WHERE MEN ARE EMPLOYED).

6 Bootmakers	1 Blacksmith
1 Tailor	1 Wood chopper
1 Confectioner	

HOME WORKERS ON REGISTER (MALE)

51 Bootmakers	1 Toy maker
2 Tailors	1 Brush maker
1 Furrier	

WORKSHOPS AND DOMESTIC WORKSHOPS ON REGISTER (FEMALES).*

50 Tailors	4 Confectioners
8 Laundresses	1 Dressing gown maker
6 Boot upper makers	1 Packer
13 Dressmakers	1 Pickle maker
1 Upholsterer	3 Glass blowers
2 Cork cutters	3 Mantle makers
4 Skirt and blouse makers	5 Paper and rag sorters
1 Waterproof garment maker	2 Woodchoppers
1 Sack and bag maker	1 Shirt front and collar maker
2 Shirt and pyjama makers	2 Trimming makers
2 Furriers	1 Corset maker
2 Underclothing makers	1 Artificial flower maker
1 Seal stamper	1 Horse hair sorter
14 Milliners	2 Toymakers
5 Tiemakers	1 Caneworker.

* It is very difficult to separate Workshops and Domestic Workshops, as these premises are sometimes one and sometimes the other, according to the pressure of work. See Table A, page 72.

TABLE C.**See footnote, page 74.***FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORKERS.
1—INSPECTION.**

Premises.	Number of			
	Inspections.	Written Notices.		Prosecutions.
		Intima- tion.	Statu- tory.	Final.
Factories (Including Factory Laundries.)	123	14	5	...
Workshops† (Including Workshop Laundries.)	777	76	31	7
Domestic Workshops‡	124	19	3	...
Workplaces (Males)	251	32	7	1
Domestic Workplaces (Males)	41	7	3	2
Places where food is sold or prepared ||	926	109	28	5
Homeworkers' Premises	1,649	2	1	...
Total	3,896	259	78	15

* TABLES C, D, E and F are filled in at the request of the Secretary of State.

† Including Workshop Bakehouses. See Table A, page 72.

‡ Including Domestic Bakehouses and Laundries. See Table A, page 72.

|| The inspections of all factories where food is prepared are included. Power is used to chop meat for sausages, etc., in 22 of the premises.

2.—DEFECTS FOUND.*

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
(1)	(2)	(3)	(4)	(5)
<i>Nuisances under the Public Health Act :</i>				
Want of cleanliness	473	473	...	...
Want of ventilation	4	4	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances	305	305	...	2
Sanitary accommodation. { insufficient ... ..	...	...	...	...
{ unsuitable or defective	1	1	...	...
{ not separate for sexes ... ..	...	...	...	...
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	...	...	...	...
Other offences (Excluding offences relating to out-work which are included in Table D of this Report.)	...	...	...	...
Total	783	783		2

* These defects refer to premises as mentioned above under table of Inspection.

Nature of Work.	Outworkers' List, 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 permit inspection of lists.	Failing to send lists.						
	Outworkers.			Outworkers.											
	Lists.	Con-tractors.	Work-men.	Lists.	Con-tractors.	Work-men.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wearing Apparel—															
„ Making, &c. ...	80	162	915	10	2	49									
„ Cleaning & Washing															
Household Linen ...															
Lace, lace curtains & nets															
Curtains and furniture															
hangings ...															
Furniture and Upholstery															
Electro-plate ...															
File Making ...															
Brass and Brass articles															
Fur pulling ...															
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, &c., Boxes, Paper															
Bags ...	6	...	467	...	...	...						
Brush Making ...															
Pea Picking ...															
Feather Sorting ...															
Carding, &c., of buttons, &c															
Stuffed Toys ...															
Basket Making ...															
Chocolates & Sweetmeats															
Cosaques, Christmas															
Crackers, Christmas															
Stockings, &c. ...															
Textile Weaving ...															
Total ...	86	162	1,382	10	2	49									

* For Infectious Diseases see page 50.

TABLE D.—HOME WORK.

*LIST OF OUTWORKERS, FACTORY AND WORKSHOP ACT,
1901 (S. 107).**

Class of Homework.	1920 Number of Lists received.				Number of Addresses of Outworkers.			
	Due Feb. 1st.		Due Aug. 1st.		Forwarded to other Authorities.		Received from other Authorities.	
	No. of Lists.	No. of Out-workers.	No. of Lists.	No. of Out-workers.	Due Feb. 1.	Due Aug. 1.	Due Feb. 1.	Due Aug. 1.
Total ...	49	805	47	790	382	389	530	492
Tailoring ...	36	417	35	488				
Shirtmaking ...	2	65	2	55				
Miscellaneous ...	5	34	5	22				
Shoemakers ...	3	26†	2	21‡				
Boxes ...	3	263	3	204				

* See page 76. † 17 Males and 9 Females. ‡ 10 Males and 11 Females.

TABLE E.

REGISTERED WORKSHOPS AND WORKPLACES.

Workshops and Workplaces, etc., on the Register (s. 131) at the end of the year. (1)							Number. (2)
Important classes of workshops, such as workshop bakehouses may be enumerated here.	Bakehouse Workshops ...	...	...	...	...	...	49
	Bakehouse Domestic Workshops ...	...	...	...	...	...	15
	Laundries Workshops ...	...	...	...	...	...	6
	Laundries Domestic Workshops ...	...	...	...	...	...	3
	Workshops ...	...	...	...	...	...	277*
	Domestic Workshops ...	...	...	...	...	...	25
	Workplaces ...	...	...	...	...	...	201
	Workplaces Domestic ...	...	...	...	...	...	31
Places where food is sold or prepared ...							311†
Total number of workshops and workplaces, etc., on Register							918‡

* 9 where men and women are employed.

† Power is used in 22 of these premises.

‡ See Tables A and B, pages 72 and 73.

TABLE F.**OTHER MATTERS.**

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories :--	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	5
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5)	19
Other (Communications)...	19
Underground Bakehouses (s. 101) :—	5
Certificates granted during the year	...
In use at the end of the year	28

BAKEHOUSES.**INSPECTIONS.**

The Bakehouses throughout the Borough were inspected at least twice during the year.

There are 92 Bakehouses in the Borough of Poplar, 28 Poplar (including 7 factory bakehouses), 41 Bromley (including 11 factory bakehouses), 23 Bow (including 6 factory bakehouses). See Table A, page 72, number made up to end of year.

There are 28 underground bakehouses in the Borough, 4 Poplar, 14 Bromley, and 10 Bow.

Cleansing was necessary in the various bakehouses on 144 occasions. Eighteen other nuisances were found.

Four bakehouses were disused at time of visit.

COFFEE SHOPS, EATING HOUSES, FRIED-FISH SHOPS,* HOTELS AND RESTAURANTS, ETC.†

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.—SANITARY REGULATIONS FOR PREMISES USED FOR SALE, ETC., OF FOOD FOR HUMAN CONSUMPTION.

The number of premises in the Borough where food is sold or prepared for sale is 311 : 183 Poplar, 68 Bromley, and 60 Bow. (See Table A, page 72.)

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.

926 visits were paid to these premises during the year and the Sanitary Regulations under the London County Council (General Powers) Act, 1908, Section 8, were enforced.

Want of cleanliness was found in 186 instances, and 105 other defects existed.

109 intimations were served, which in 28 cases were followed up by Statutory notices and five final notices were served.

A register of these premises is kept.

HAIRDRESSERS' PREMISES.

The hairdressers' premises were inspected during the year.

MILKSHOPS.

DAIRIES, COWSHEDS AND MILKSHOPS ORDER.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.—POWER TO SANITARY AUTHORITIES TO REMOVE FROM OR REFUSE TO ENTER ON REGISTER NAMES OF DAIRYMEN IN CERTAIN CIRCUMSTANCES.

DAIRIES, COWSHEDS AND MILKSHOPS ORDER.

At the end of the year there were in the Borough 194 registered premises (including 10 cow-houses, 1 Poplar, 4 Bromley and 5 Bow) where milk is sold, 53 Poplar, 80 Bromley and 61 Bow. These milk shops were kept under observation.

* Bye Laws.

† See Tables A and C, pages 72 and 75.

Cleansing of premises was necessary in sixteen instances. Ten other defects were found.

1 milkshop has been placed on the register during the year, 0 Poplar, 0 Bromley, and 1 Bow. 2 premises were on account of change of occupiers re-registered as milkshops, 0 Poplar, 0 Bromley and 2 Bow.

The sale of milk was discontinued on 2 premises—0 Poplar, 1 Bromley and 1 Bow.

For milkshops connected with infectious diseases, see page 50.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908. PART II.

SANITARY PROVISIONS.

POWER TO SANITARY AUTHORITIES TO REMOVE FROM OR REFUSE TO ENTER ON REGISTER NAMES OF DAIRYMEN IN CERTAIN CIRCUMSTANCES.

No circumstances arose during the year calling for the enforcement of the power given to the Sanitary Authority under the London County Council (General Powers) Act, 1908, Section (5).

SMOKE NUISANCES.

75 smoke nuisances were dealt with during the year :—43 Bow East, 0 Bow West, 9 Bromley North, 10 Bromley Central, 0 East Combined, 8 West Combined, and 5 Poplar South. Four summonses were issued, see pages 91-93.

ICE CREAM.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1902, SEC. 43.

Twice annually and as often as may be necessary all the known premises within the Borough where ice-creams are manufactured are inspected. There are 83 such premises within the Borough, 44 Poplar, 33 Bromley, and 6 Bow. (See Table A, page 72.)

Cleansing of premises was necessary in 4 instances. Seven other nuisances existed.

FOOD AND DRUGS ACTS.

RESULTS OF ANALYSES. LEGAL PROCEEDINGS. PRESERVATIVES IN BUTTER, PRESERVATIVES IN MARGARINE.

The results of the analyses of 730 samples were reported to the Committee during the year 1920, the samples being as follows :—

SAMPLE.	1st Quarter.	2nd Quarter.	3rd Quarter	4th Quarter	Total.
Milk	120	107	114	98	439†
Butter	—	2	12	3	17
Margarine	14	5	7	1	27
Lard	7	6	4	—	17
Coffee	1	—	3	—	4
Cocoa	5	—	6	—	11
Pepper	4	3	2	—	9
Arrowroot	1	1	1	—	3
Glycerine	—	—	2	1	3
Ammoniated Tincture of Quinine	—	—	—	1	1
Crushed Linseed	—	—	2	—	2
Camphorated Oil	—	2	—	2	4
Calomel Ointment	—	—	—	2	2
Ground Rice	—	—	1	1	2
Ground Ginger	—	—	—	1	1
Vinegar	18	16	12	11	57
Sweet Spirit of Nitre	—	1	—	—	1
Mustard	4	3	5	1	13
Baking Powder	—	—	—	1	1
Magnesium Carbonate	—	—	—	1	1
Heavy Magnesia	—	—	1	—	1
Prescriptions	—	2	—	—	2
Gin	—	1	—	3	4
Whisky	1	5	—	10	16
Spirits	—	11	—	2	13
Malt Liquors	—	38	—	33	71
Condensed Milk	—	8	—	—	8
Totals	175	211	172	172	730

NOTE.—The samples of Beer and Spirits were procured under Food Control Orders.

† Of the 439 samples of milk, 72 samples were procured on Sundays from itinerant vendors and 95 from itinerant vendors on weekdays. All the Sunday samples were in accordance with the standard and no legal proceedings were instituted. Three week-day samples were not genuine, legal proceedings were instituted in two cases, and one vendor was

cautioned. Samples were taken on delivery, viz., 7 Poplar Institution, 4 Out Relief Stores, 4 St. Andrew's Hospital, 5 at Railway Stations, 1 at a L.C.C. School, and 2 at the canteen of a firm in the Borough. All the samples were genuine. The Guardians were communicated with in regard to the samples procured at the Poplar Institution and Out-Relief Stores, and the Managers of St. Andrew's Hospital were informed of the results of analyses of samples taken at their institutions.

RESULTS OF ANALYSES.

Legal proceedings were instituted in 4 cases and letters of caution were sent in three instances. In two cases no action was taken.

Milk	...	...	..	...	...	...	...	3
Vinegar	...	...	...	...	...	...	...	1

ADMINISTRATIVE ACTION REGARDING ARTICLES REPORTED TO BE NOT GENUINE.

QUARTER ENDED MARCH, 1920.

Sample.	No.	Result of Analysis.	Result of Proceedings.
Milk	510	Deficient in fat and solids not fat to the extent of 10·3 and 17·8 per cent. respectively	Warranty proved; summons dismissed.
Vinegar	312	Adulterated with at least 10 per cent. of water.	No action. Resolution of Public Health and Housing Committee.

QUARTER ENDED JUNE, 1920.

Sample.	No.	Result of Analysis.	Result of Proceedings.
Vinegar	129	Adulterated with 34·5 per cent. of water.	£2 penalty; £2 2s. costs.
Milk	556	Deficient in solids not fat to the extent of 3·4 per cent.	Letter of caution to Vendor.

QUARTER ENDED SEPTEMBER, 1920.

Sample.	No.	Result of Analysis.	Result of Proceedings.
Milk	561	Deficient in solids-not-fat 4.3 cent.	Letter of caution to vendor.
Heavy Magnesia	46	Sample consisted of Heavy Magnesia Carbonate.	Letter of caution to vendor.
Milk	58	Deficient in fat, 6.3 per cent....	Dismissed: warranty proved.
Milk	565	Deficient in fat, 16.3 per cent.	Withdrawn on payment of £2 2s. costs.

QUARTER ENDED DECEMBER, 1920.

Sample.	No.	Result of Analysis.	Result of Proceedings.
Milk	110	Deficient in fat, 79.6 per cent.	No action: milk sold as "separated milk."

Legal proceedings were also taken in a number of cases where infringements of various Food Control Orders and Regulations had occurred. Particulars were forwarded to the Ministry of Food and the Local Food Control Committee as well as to the Ministry of Health.

PRESERVATIVES IN BUTTER.

Of the 17 samples of butter, 8 contained percentages of boric acid as follows:—

3 samples contained 0.05 per cent.
 5 " 0.1 "

PRESERVATIVES IN MARGARINE

Of the 27 samples of margarine, 21 contained percentages of boric acid as follows:—

11 samples contained 0.1 per cent.
 9 " 0.2 "
 1 " 0.3 "

MARGARINE ACT, 1887, SALE OF FOOD AND DRUGS ACT, 1899,
AND THE BUTTER AND MARGARINE ACT, 1907.

No application was received to register premises for the carrying on of businesses of wholesale dealers in margarine and milk blended butter.

The following is the number of premises in each Sub-District of the Borough registered and in use under the above-mentioned Acts, up to and including 31st December, 1920, viz. :—

Sub-District.	Margarine.		Butter.	
	Wholesale Dealer.	Manufacturer.	Factory.	Wholesale Dealer in Milk-blended.
Poplar	3	...	...	...
Bromley	4	...	1	...
Bow	4	...	...	...
Totals	11	...	1	...

**HOUSES LET IN LODGINGS OR OCCUPIED BY
MEMBERS OF MORE THAN ONE FAMILY.**

At the end of the year there were 1,450 houses on the register, including 95 premises occupied by Chinese, which latter premises are under constant supervision.

HOUSING ACTS, 1890-1919.

HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910. REPRESENTATIONS TO COUNCIL UNDER HOUSING WORKING CLASSES ACT, 1890. PART II., ADDITIONAL STAFF.

HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910.

No premises were inspected with a view to closing under Section 17 (1) of the Housing and Town Planning, etc., Act, 1909.

REPRESENTATIONS TO THE COUNCIL UNDER HOUSING OF THE WORKING
CLASSES ACT, 1890—PART II.

The following areas were represented to the Council under Part II.
of the above Act :—

<i>Area.</i>	<i>No. of houses, etc.</i>	<i>Population.</i>
Sophia Street 	11 houses and sites ...	57
Lower North Street 	53 houses and sites ...	257

The Ministry of Health enquiry was held 2nd December, 1920.
Report awaited.

ADDITIONAL STAFF.

Three additional Inspectors were appointed early in the year, for
house-to-house inspection. For summary of report, see page 89.

**LONDON COUNTY COUNCIL (GENERAL POWERS)
ACT, 1904.**

VERMINOUS ROOMS.† LICENSED PREMISES' URINALS.

VERMINOUS ROOMS.

Verminous rooms are still brought to the notice of owners upon the
“Intimations” which are followed, if necessary, by “Statutory Notices,”
more especially as there are generally other defects upon the premises,
and certainly verminous premises are “in such a state as to be a nuisance
to health,” and owners, if they do not already know, are informed when
defects are being dealt with under the Public Health (London) Act, 1891,
that the vermin must be got rid of, otherwise the London County Council
(General Powers) Act, 1904, will be brought into operation.

† For the Cleansing of Verminous Persons, see pages 56-57.

During the year 1,024 Intimation Notices were served in respect of verminous rooms, and the verminous rooms cleansed were :—

East Combined Division	..	..	..	..	114
West Combined Division	..	..	..	..	67
Poplar South Division	..	..	..	..	16
Bromley North Division	..	..	..	..	14
Bromley Central Division	..	..	..	..	46
Bow East Division	..	..	..	..	71
Bow West Division	..	..	..	..	—
Housing Inspectors—					
Poplar	...	...	...	...	77
Bromley	...	...	...	...	190
Bow...	...	...	...	...	112
					<hr/> 707

No summonses were applied for.

RATS AND MICE DESTRUCTION.

During the organised “Rat Weeks” a large quantity of barium carbonate paste was distributed to applicants, the results being highly satisfactory. Lithographic varnish traps were also used with success. The number of complaints of the presence of rats and mice has greatly diminished.

It must be added that every week is a “rat week” in Poplar, and the work of destruction proceeds, principally by the use of barium carbonate paste which is still being distributed to tenants of houses, where necessary, and is recommended for use in factories, etc.

Where rats are still persistent after the use of poison the ground is opened and the drain examined as a matter of routine. Accumulations of refuse are also directed to be removed.

SCHOOLS.

INSPECTION OF SCHOOLS.

A special report *re* inspection of schools was issued to all members of the Council early in 1921.

RAG FLOCK ACT, 1911.

No samples of rag flock were able to be procured during the year 1920.

SANITARY INSPECTORS' WORK, etc.

TABULATED LISTS OF SANITARY INSPECTIONS, ETC. LEGAL PROCEEDINGS,
OVERCROWDING. GENERAL.

TABULATED STATEMENT OF INSPECTIONS, OF INSANITARY CONDITION FOUND EXISTING, AND OF RE-INSPECTIONS DURING THE PERIOD
FROM 1ST JANUARY, 1920, TO 31ST DECEMBER, 1920.

	<i>East com- bined.</i>	<i>West combined.</i>	<i>Poplar South.</i>	<i>Bromley North.</i>	<i>Bromley Central.</i>	<i>Bow East.</i>	<i>Bow West.</i>	Totals.
Inspections:—	947	1,649	1,416	1,408	976	1,105	1,508	9,009
On Complaints of Nuisances, etc.	333	1,004	853	728	569	656	1,026	5,169
On notification of infectious diseases	495	645	557	661	371	439	482	3,650
House to house visitation	119	—	6	19	36	10	—	190
Houses found in good condition	237	812	523	953	212	672	854	4,263
Do. requiring amendment	710	837	893	455	764	433	654	4,746
DETAILS OF INSANITARY CONDITIONS.								
Walls and ceilings requiring cleansing throughout	41	21	23	68	18	19	16	206
Do. do. partially	331	439	411	221	359	209	472	2,442
Yards and areas insufficiently paved	81	86	281	51	170	1	67	737
Do. imperfectly drained	44	38	9	28	—	59	3	181
Inlets to drains not properly trapped	3	9	3	2	—	2	3	22
Drains proved defective by smoke drain test	7	32	40	14	1	29	31	154
Smoke drain test applied with negative results	120	8	239	14	297	98	93	869
Drains obstructed	56	139	116	51	14	56	70	502
Sink waste pipes directly connected with drains	—	9	—	1	—	1	1	12
Rain water pipes do. do.	—	11	—	4	—	—	1	16
Soil pans of w.c.s without suitable water supply	100	21	91	45	43	1	52	353
Do. broken or unsuitable	10	11	20	15	12	19	7	94
Do. in foul condition	55	20	94	1	28	31	26	255
Do. untrapped	1	—	2	—	6	—	—	9

	East com- bined.	West combined.	Poplar South.	Bromley North.	Bromley Central.	Bow East.	Bow West.	Totals.
Roof guttering and rainwater pipes defective	168	155	276	129	171	69	72	1,040
Roofs not watertight	236	184	296	164	279	126	194	1,479
Water supplies to premises cut off (notified by Metropolitan Water Board) ..	1	2	9	4	—	1	6	23
Water service fittings defective, causing waste of water	17	17	26	28	23	13	19	143
Drinking Water improperly stored	1	1	—	—	—	—	—	2
W.C.s badly ventilated	4	1	—	2	15	2	—	24
Do. badly situated	1	1	—	—	—	1	—	3
Dampness	225	105	170	35	143	116	117	911
Inundations	—	5	—	2	—	2	—	9
Overcrowding	6	2	5	—	—	1	—	14
Accumulations of dung or refuse	18	33	9	30	—	3	10	103
Foul p.h. urinals	13	9	4	17	10	—	1	54
Other nuisances, dilapidations, want of ventilations, etc.	216	228	1,007	216	450	339	628	3,084
Breaches of London County Council By-laws	78	5	—	—	65	77	2	227
Breaches of Council's By-laws	91	6	—	—	—	63	3	163
Intimations served	710	759	893	466	740	433	654	4,655
Notices served	277	580	261	257	536	216	477	2,604
Final notices served	94	86	82	54	131	17	41	505
Summonses applied for	4	13	2	2	—	6	—	27
Passengers from Continental Ports—								
Visited	11	13	1	2	—	4	5	36
Undiscovered	—	7	—	—	—	—	—	7
Re-Inspections	4,638	2,917	4,484	2,180	2,666	1,691	1,891	20,467
Intimations served in respect of verminous rooms, whether in conjunction with, or separate from, other defects	95	97	152	14	141	63	83	645

Tabulated statement of Inspections of Insanitary Conditions found existing, and of Re-inspections, &c., during the twelve months ended 31st December, 1920 (Miss Alice Tattersall—Lady Inspector).

	Poplar.	Bromley.	Bow.	Total.
Workshops, Workplaces, Laundries, &c., Number of, on the Register	25	53	63	141
Workshops, Number of Workrooms therein	39	77	94	210
" Number of Inspections of	48	82	84	214
" Number of Re-inspections of	36	70	78	184
" Found to be overcrowded	—	—	—	—
" &c., newly discovered and registered	—	6	1	7
" Workrooms therein measured	5	4	5	14
" Reported to H.M. Inspector on discovery	—	4	1	5
Houses visited for enquiry at which no female hands were employed	205	588	806	1,599
Written intimations issued	9	13	15	37
Statutory Notices	2	11	9	22
Final Notices	1	1	2	4
Works carried out under supervision:—				
(a) Rooms cleansed and whitewashed	8	2	25	35
(b) Yards, roofs, &c., repaired	1	4	4	9
Additional means of ventilation provided	1	2	1	4
Sanitary Conveniences Constructed	4	—	—	4
Overcrowding of Workrooms, cases of, abated	—	—	—	—
Visits <i>re</i> Scabies	138	153	127	418
" Suspected infectious disease	80	209	44	333
" Outworkers' Lists	22	21	26	69
" Inspection of Schools	21	21	7	49
" Verminous School Children	13	30	73	116
Miscellaneous Inspections	36	56	24	116

REPORTS OF HOUSING INSPECTORS.

Summary, 1920.

	Poplar.	Bromley.	Bow.	Totals.
House-to-house Inspections	462	694	447	1,603
Re-inspections	2,835	3,370	2,384	8,589
Number of Intimations served—				
Public Health (London) Act	655	737	572	1,964
P.B.C. By-laws	298	447	291	1,036
L.C.C. (General Powers) Act, <i>re</i> verminous rooms	77	190	112	379
Number of Notices served—				
Public Health (London) Act	314	380	249	943
P.B.C. By-laws	194	239	182	615
For cleansing	167	186	126	479
Number of Final Notices served—				
For cleansing	57	59	60	176
Others	51	121	—	172
Number of drains tested—				
Chemical test	296	608	447	1,351
Smoke test... ..	1	5	6	12
Water test	6	33	13	52

POLICE COURT PROCEEDINGS

No. of Street or Name of Premises or Locality, &c.	Nature of Complaint.	Date of Decision.	Result.	Name of Officer.
303, Manchester-road ...	Various defects ...	1920. 2nd March ...	Adjourned <i>sine die</i> . Reinstated; owner ordered to do work and pay £2 2s. costs	Brown, C. H.
140, Armagh-road... ..	Roofs of workshops defective ...	1st March ...	Work done; £2 4s. costs ...	Tattersall, Miss A.
337, St. Leonard's Road ...	Various defects ...	4th March ...	£2 8s. costs; 14 days' abatement order	Johnson, Wm.
65, Bromley Hall Road ...	Ditto ...	11th March ...	£3 3s. costs; 7 days' abatement order	Ditto.
22, Marner Street... ..	W.C. cistern defective ...	11th March ...	£1 1s. penalty; £3 3s. costs ...	Ditto.
25, Portree Street... ..	Various defects ...	11th March ...	£3 3s. costs; 7 days' abatement order	Ditto.
90, Merchant Street ...	W.C. without water supply ...	25th March ...	£1 penalty; £1 1s. costs ...	Tattersall, Miss A.
66, Donald Street... ..	Various defects ...	8th April ...	£5 penalty; £2 8s. costs; 7 days' abatement order	Johnson, Wm.
17, Garford Street ...	Ditto ...	7th April ...	£5 5s. costs; 7 days' abatement order	Johnson, J.
49, Pennyfields ...	Woodwork back of sink defective ...	15th April ...	Summons withdrawn ...	Grabham, C. A.
51, Pennyfields ...	Various defects ...	15th April ...	Ditto ...	Ditto
49, Pennyfields ...	Failed to comply with notice <i>re</i> cleansing ...	15th April ...	Ditto ...	Ditto.

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No. of Street or Name of Premises or Locality, &c.	Nature of Complaint.	Date of Decision.	Result.	Name of Officer.
51, Pennyfields ...	Owner failed to comply with notice <i>re</i> cleansing ...	15th April ...	Summons withdrawn ...	Grabham, C. A.
7, Weston Street ...	W.C. and main drain choked ...	29th April ...	£2 8s. costs; 7 days' abatement order	Langley, H. J.
Engert and Rolfe, Bar-chester Street	Smoke nuisance ...	4th May ...	£10 penalty; £5 5s. costs ...	Johnson, J.
154, Brunswick Road ...	Failed to comply with notice to cleanse, alter, and amend the drains	27th May ...	£1 penalty; £2 2s. costs ...	Johnson, Wm.
156, Brunswick Road ...	Ditto	27th May ...	£1 penalty; £1 1s. costs ...	Ditto.
248, St. Leonard's Road ...	Various defects ...	17th June ...	£2 penalty; £2 8s. costs; 14 days' abatement order	Ditto.
260, St. Leonard's Road ...	Ditto ...	17th June ...	£2 penalty; £2 8s. costs; 14 days' abatement order	Ditto.
63, Devas Street ...	W.C. trap defective ...	21st June ...	£2 4s. costs; summons withdrawn	H. A. Pearce.
8, Weston Street ...	Various defects ...	10th July ...	£5 5s. costs; 60 days' abatement order	Ditto.
9, Weston Street ...	Ditto ...	10th July ...		Ditto.
59, Rothbury Road ...	Yard not properly paved and sloped ...	23rd July ...	£1 penalty; £1 1s. costs ...	Smith, F. A.
Ditto ...	Various defects ...	23rd July ...	£2 8s. costs; 14 days' abatement order	Ditto.
19, Broomfield Street ...	Ditto ...	28th July ...	£2 2s. costs; 28 days' abatement order	Johnson, J.

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POLICE COURT PROCEEDINGS—continued.

No. of Street or Name of Premises or Locality, &c.	Nature of Complaint.	Date of Decision.	Result.	Name of Officer.
40, Rothbury Road ...	Various defects ...	27th August	£2 8s. costs; 14 days' abatement order	Smith, F. A.
38, Rothbury Road ...	Ditto ...	27th August		Ditto.
40, Rothbury Road ...	Yard not properly paved and sloped ...	27th August	5s. penalty ...	Ditto.
Achille Serre and Co., Ltd., Whitepost Lane	Smoke nuisance ...	3rd September	£3 3s. costs ...	Field, A. J.
13, Hawthorn Buildings	Various defects ...	17th September	£5 penalty; £1 1s. costs; 7 days' abatement order	Pearce, H. A.
Ditto	W.C. without water supply ...	17th September	£1 1s. costs; 7 days' abatement order	Ditto.
8, Tomlin's Grove	Various defects ...	20th September	6s. costs; 21 days' abatement order	Langley, H. J.
36, Cardigan Road	Failed to comply with notice to cleanse, alter and amend the drains	5th October	£1 1s. costs.	System held to be a "drain" * Boyce, W.
34, Cardigan Road	Ditto	5th October	£1 1s. costs.	
Passage way, Cardigan Road	Ditto	5th October	£2 2s. costs.	
8, Harley Street	Various defects ...	23rd September	£2 8s. costs; 7 days' abatement order	Field, A. J.
19, Broomfield-street	Failed to comply with Magistrates' Order to abate nuisance	8th October	£5 penalty; £2 8s. costs	Johnson, J.

* During reconstruction found to be a "sewer." Costs refunded.

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No. of Street or Name of Premises or Locality, &c.	Nature of Complaint.	Date of Decision.	Result.	Name of Officer.
13, Hawthorn Buildings	Failed to comply with order to abate the nuisance ...	13th October	£2 penalty; £2 2s. costs	Pearce, H. A.
Ditto	Failed to comply with Magistrate's Order under Section 12 Public Health (London) Act, 1891	13th October	£2 penalty; £2 2s. costs	Ditto.
14, Ricardo Street	Various defects ...	13th October	£2 8s. costs; 28 days' abatement order	Johnson, J.
Bryant and May, Ltd., Bow	Smoke nuisance ...	1st November	£2 penalty; £5 5s. costs	Field, A. J.
62, Guildford Road	Various defects ...	1st November	£2 8s. costs; 28 days' abatement order	Johnson, J.
Achille Serre and Co., Ltd., Whitepost Lane	Smoke nuisance ...	3rd November & 12th January, 1921	£10 costs; abatement order made	Field, A. J.
47, Monier Road	Failed to comply with notice to cleanse, alter, and amend the drains	2nd November	£3 3s. costs; system held to be a "drain"	Ditto.
Chrisp Street (stall)	10 tins of condensed milk exposed for sale which were unfit for food of man	28th October	Condemnation order made	Johnson, J.
3, Marner Street	Various defects ...	10th November	£5 penalty; £3 3s. costs	Johnson, Wm.
5, Marner Street	Ditto	10th November	£5 penalty; £3 3s. costs	Ditto.
7, Marner Street	Ditto	10th November	£5 penalty; £3 3s. costs	Ditto.
9, Marner Street	Ditto	10th November	£5 penalty; £3 3s. costs	Ditto.
Chrisp Street (stall)	10 tins of condensed milk exposed for sale which were unfit for food of man	11th November	£25 penalty; £5 5s. costs or 6 weeks' imprisonment	Johnson, J.

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POLICE COURT PROCEEDINGS—continued.

No. of Street or Name of Premises or Locality, &c.	Nature of Complaint.	Date of Decision.	Result.	Name of Officer.
8, Weston Street ...	Failed to comply with Magistrate's Order to abate nuisance	23rd November ...	£1 penalty; £3 3s. costs ...	Pearce, H. A.
9, Weston Street ...	Ditto ...	23rd November ...	£1 penalty; £3 3s. costs ...	Ditto.
20, Hawthorn Buildings	Various defects ...	30th November ...	£5 penalty; £2 8s. costs; 14 days' abatement order	Ditto.
14, Ellerthorpe Street ...	Ditto ...	29th November ...	£3 3s. costs; 14 days' abatement order	Johnson, J.
30, Pekin Street ...	Ditto ...	29th November ...	£3 3s. costs; 14 days' abatement order	Ditto.
16, Clutton Street	Failed to comply with by-laws <i>re</i> yard paving ...	8th December ...	£2 2s. costs; (work done) ...	Johnson, Wm.
14, Ricardo Street	Failed to comply with Magistrate's order to abate nuisance.	21st December ... (Adjourned to 18th January, 1921)	£5 penalty; £5 5s. costs ...	Johnson, J.
HOUSING, TOWN PLANNING, ETC., ACT, 1919.				
49 and 51, Pennyfields ...	Demanded rent, name of Medical Officer of Health not on rent books	29th April ...	£4 8s. costs (2 summonses) ...	Grabham, C. A.
Ditto ...	Collected rent, name of Medical Officer of Health not on rent books	29th April ...	£4 8s. costs (2 summonses)	Ditto.
Ditto ...	Demanded rent, amount of rates payable by owner not on rent book	29th April ...	£4 8s. costs (2 summonses)	Ditto.
51, Allamouth Road ...	Demanded rent, name of Medical Officer of Health not on rent book	29th April ...	£1 1s. costs ...	Smith, F. A.
Ditto ...	Collected rent, name of Medical Officer of Health not on rent book	29th April ...	£1 1s. costs ...	Ditto.
Ditto ...	Demanded rent, amount of rates payable by owner not on rent book	29th April ...	£1 1s. costs ...	Ditto.

NOTE.—For proceedings under Food and Drugs Acts, see pages 82 and 83.

OVERCROWDING.

Fourteen cases of overcrowding were abated. No cases of overcrowding were found in workshops.

GENERAL.

6,311 communications were received, and 2,188 complaints (including 69 smoke) as to nuisances were made. 5,018 communications were despatched.

It is with deep regret I have to record the death, early in 1920, of Mr. C. Foad, sanitary inspector for the Poplar South Division. Mr. Foad was an unwearying, most painstaking and highly conscientious officer, a very popular colleague, and his death was greatly deplored by the members of the Public Health Department.

I am, Sir, Ladies and Gentlemen,

Your obedient Servant,

Fred R. W. Alexander.

Medical Officer of Health.

METROPOLITAN BOROUGH OF POPLAR,

PUBLIC HEALTH OFFICES, BOW ROAD, E.

April, 1921.

Report of Tuberculosis Officer.

In the "Memorandum as to contents and arrangement of the Annual Reports of Medical Officers of Health for 1920," the Ministry of Health require to be included in the annual report the following particulars relating to the administration of the Council's Tuberculosis Scheme. The information below has been furnished by the Tuberculosis Officer, Dr. W. C. P. Smith.

(i.) *A list of dispensaries, specifying also branch dispensaries and visiting stations; a list of the Tuberculosis Officers employed; a statement of the numbers of other officers employed in dispensary work; a list of residential institutions, specifying for each the number of beds normally available for patients from the area of the Local Authority, and the type of case for which these beds are used. In the case of residential institutions belonging to the Local Authority, the names of the Medical Officers and the number of other officers should be given.*

Tuberculosis.

(1) (a) *Tuberculosis Dispensary.*—Alexandra House, 135, Bow Road, E.

Premises unsuitable, owing to noise, being situated on the main road—which is paved with granite setts and over which the traffic is heavy. At the back the noise is even more troublesome—owing to the recent extension of a neighbouring engineering works—in such a way as to practically surround the dispensary at close quarters.

The Council are negotiating for other premises in Wellington Road. This is a comparatively quiet site, and far better suited for the purposes of a dispensary.

(b) *Proposed Branch Dispensary.*—No. 146, High Street, Poplar, has been acquired for the purposes of a Branch Dispensary, to serve the southern part of the Borough. This branch will be opened so soon as possession of the premises—which are at present occupied—can be obtained.

Tuberculosis Officer: W. C. P. Smith.

Assistant Tuberculosis Officer: F. N. Moos.

Other Officers:—

3 Health Visitors.

1 Dispenser.

1 Clerk.

1 Assistant Clerk.

1 Part-time Helper (female).

1 Caretaker.

Residential Institutions :—

(a) Sanatoria—hospitals and homes available through the medium of the London Insurance Committee for insured cases and ex-service men.

(b) Similar institutions available for uninsured cases, through the medium of the London County Council.

(c) The Poor-Law Infirmary.

(d) In a few cases in-patient letters for Victoria Park and other hospitals are made use of.

(ii.) *In the case of administrative counties, precise particulars of arrangements for co-operation with Sanitary Authorities and their officers.*
Nil.

(iii.) *The nature and extent of co-operation with general and special hospitals, school clinics, and other institutions.*

General Hospitals :—

Under an agreement made between the Borough Council and the London Hospital, cases of surgical tuberculosis may be referred to the latter institution for opinion or treatment. A fair number of cases are dealt with in this way. Other patients are sent for dental treatment, or the removal of tonsils and adenoids.

Special Hospitals :—

No special arrangements exist, but cases, for the most part non-tuberculous, are referred to Victoria Park Hospital ; sometimes they are given an out-patient's letter.

Other cases are referred to the Children's Hospitals, either at Shadwell or Hackney Road.

School Clinics, etc. :—

A large number of children are sent to the school clinics for the treatment of enlarged tonsils and adenoids, others for dental or aural treatment.

Co-operation with the School Medical Officers is in course of development.

A number of children come up to the dispensary on the recommendation of the School Medical Officer. In these cases—and in the cases of other school children examined at the dispensary—where there is definite or suspected tubercle, full particulars of the case are entered on a special card, which is sent to the Divisional School Medical Officer for his information, and which may contain a recommendation for the provision of milk or meals for the child at school. When further attendance of the child at the dispensary, for either treatment or observation is considered unnecessary, a request that the child shall come up again for re-examination after a stated interval is entered on the card, which now passes into the keeping of the Divisional School Medical Officer,

who undertakes to keep the patient under supervision, and arrange for his or her re-attendance at the dispensary in due course.

This method of co-operation has only recently been started. It is hoped that it will lead to a better supervision of definite and especially of doubtful cases, that it will relieve the congestion at the dispensary due to unnecessary re-attendances and prevent a good deal of overlapping.

(iv.) *Any special arrangements made to secure the co-operation of medical practitioners and the working of the arrangements for periodical reports on insured patients under domiciliary treatment.*

Patients, both insured and uninsured, are constantly being sent up to the dispensary by local practitioners, for examination.

In all cases a report is sent to the doctor, giving the result of physical, sputum, and frequently X-ray examinations, and suggestions as to the best method of dealing with the case.

The resources of the dispensary are at all times at the service of the private practitioner.

The arrangements for the collection of periodical reports on domiciliary cases have worked fairly well. In the majority of cases the required report is obtained, though not always at the appointed time.

(v.) *The arrangements for following up patients in cases where the diagnosis is doubtful.*

The method of dealing with doubtful cases depends to some extent upon the class of case. If it is a legitimate dispensary case (viz., uninsured, with no other provision for medical attention) the patient may be kept attending the dispensary under treatment with a view to further examination and re-examination, until a definite opinion can be formed. In practice, however, it has been found almost impossible to find opportunities for re-examining these cases as desired, owing to the number of other patients who have to be seen. This quickly leads to an accumulation of undiagnosed cases, which hampers the working of the dispensary, so that, except in very suspicious cases, the patient is not kept attending, but an appointment is made for re-examination after a stated interval.

If the case has been sent up by a panel or private doctor, it is referred back to him with a request that he will keep it under observation, and send it up for re-examination later. Insured cases in which there is considerable suspicion may be recommended to hospital for observation. Suspicious cases among school children are dealt with, as already explained, by arrangement with the School Medical Department.

(vi.) *The arrangements for securing the examination and systematic supervision of "home contacts."*

Home contacts are for the most part examined at the dispensary, it being the duty of the health visitor to arrange for their attendance at

a convenient time. In this way it has been found that practically all the children and a considerable number of the women contacts can be dealt with.

Those contacts who are insured and other adult contacts are being asked to attend at the special evening clinic. It is too early yet to form an opinion as to the efficacy of this arrangement.

(vii.) *Information as to special methods of diagnosis and treatment in use and the number of persons to whom these special methods have been applied.*

An X-ray apparatus is in constant use for diagnostic purposes. For the most part it is used for screen work only; lack of time and of facilities for the development of plates preventing the making of radiographs, except in a few cases.

No special record of the number of cases examined in this way has been kept. A moderate estimate for 1920 would be 50 per cent. of the new cases.

(viii.) *The results of local experience as to the relative value of each form of treatment.*

No special form of treatment is at present in use.

(ix.) *The nature and extent of any dental treatment provided by the council for tuberculous patients.*

Nil at present. A proposed dental clinic has for some time been awaiting the approval of the Ministry of Health.

(x.) *Any arrangements for the provision of nursing or of extra nourishment for patients living at home.*

No special arrangements for the provision of nursing for adults and children over 10 years of age exist, but it is frequently possible to obtain such assistance in the person of a district nurse or from local nursing associations.

The Borough Council undertake the nursing of children up to 10 years of age.

There is no provision for extra nourishment except such as can be obtained from the War Pensions Committee, for ex-service men, by application to the Poor-Law Guardians.

(xi.) *The arrangements for treating non-pulmonary tuberculosis, especially tuberculosis of bones and joints in adults and in children, and for the provision of surgical apparatus, etc.*

Non-pulmonary cases, including especially cases of bone and joint disease, requiring residential institutional treatment, are referred to either the London Insurance Committee or the London County Council, according as they are or are not insured. Those cases requiring out-patient treatment only are generally sent to the London Hospital, as are also cases of Lupus, for Finsen Light treatment.

Any necessary surgical apparatus is usually obtained through the hospital Almoners' Department, the Invalid Children Aid Association, the Charity Organisation Society, or other charitable bodies.

(xii.) *The arrangements for "care" and "after care" and their working.*

Care and after care are in the hands of the Care Committee, which meets fortnightly. Most of the organisations engaged in social work in the Borough are represented on the Committee, and many of the cases which come up for consideration are already known to one or other of them.

The Committee is doing excellent work in several directions, notably in arranging for the care of children during the absence of the parents, especially the mother, in sanatorium or hospital.

(xiii.) *Particulars as to any local arrangements for finding employment for patients.*

No arrangements exist for finding employment for patients, except the Labour Bureaux, which are of little or no value to the tuberculosis patient, who usually requires a light occupation.

(xiv.) *Statement as to the supply and supervision of shelters at the homes of patients.*

Three shelters are at present out on loan.

(xv.) *Any special points noted locally as to the incidence of tuberculosis (i.e., occupation).*

The "occupation" tables over several years show a marked preponderance of cases amongst general labourers. This is probably more a question of the regularity or otherwise of the occupation than of its character. Next in order come clerks, and then machinists. Apart from these, the figures for any particular occupation are too small to draw any conclusions from.

(xvi.) *Any special methods adopted or proposed for the prevention of tuberculosis.*

No special method outside the general scheme. An open-air school would be a very useful aid.

(xvii.) *Special difficulties encountered.*

The difficulty of finding suitable work, within the capacity of the tuberculous case, especially for the unskilled worker.

There is still considerable difficulty in finding adequate institutional accommodation for advanced cases, apart from the Poor-Law Infirmary.

The difficulty of finding other and better accommodation for cases, where the home conditions are adverse.

Report to Medical Officer of Health of Miss A. E. Hall, Chief Health Visitor.

PUBLIC HEALTH OFFICES,
BOW ROAD, E. 3.

January 3rd, 1921.

SIR,

I beg to present the thirteenth Annual Report of the work of the Maternity and Child Welfare Department—quite the most strenuous year we have known.

In January, an additional Health Visitor was appointed for the Bow District, and you approved the introduction of new "Daily Diaries" for Health Visitors.

In April, a Dental Clinic was opened at Old Ford, sessions every Wednesday, 10—12 a.m., and a Clinic at Allamouth Road, sessions every Monday 11 a.m.—1 p.m. (infant consultations); 2—4 p.m. (treatment minor ailments and ante-natal). In that month the Council also accepted responsibility for the work previously undertaken by the Poplar Infant Welfare Association, *i.e.*, home visiting south of the first bridges, with Clinics at Christ Church Schools, sessions every Thursday and Friday 2—4 p.m. (infant consultations), and at 54, West Ferry Road, sessions every Wednesday 2—4 p.m. (infant consultations), first Monday in the month 2—4 p.m. (ante-natal), and a Sewing Class every Monday 2—4 p.m. The Sewing Class at Old Ford was reopened in September.

Later the Royal College of St. Katharine intimated that they were unable to continue the work south of East India Dock Road. The Council appointed an additional Health Visitor; the home visiting was taken over on October 1st, and a Clinic opened at St. Joseph's Institute, Shirbutt Street, December 1st, sessions every Wednesday 2—4 p.m. (infant consultations).

The visiting areas now are:—

The Royal College of St. Katharine.

All the work between East India Dock Road and Bow Road.

The Poplar Borough Council.

All the work north of Bow Road, and south of East India Dock Road.

The abnormal increase in the attendances at Old Ford (6,645, as against 3,443) was entirely due to the Clinic being used as a distributing centre for free milk; the attendance is now normal. It is possible that the attendances at other Clinics were also affected, but in a smaller degree, as the figures given are only for nine months.

The Clinic at Allanmouth Road is not a success—there may be other causes operating, but the chief one is the cold, miserable atmosphere of the weighing room.

The Ante-natal Clinics also are not a success, at least, as far as ante-natal work is concerned. The attendance of expectant mothers at all clinics would not make one decent session.

The inquiries in the milk cases were *not* test cases, all the statements as to wages were doubtful.

The usual Baby Show was organised in connection with the Mayor's Garden Party.

Our very grateful thanks are due to Midwife Hulett for the loan of a sewing machine. We now have one of our own, presented by the Mayor's Garden Party Committee, to whom our very hearty thanks are also due.

VISITING.

	Public Health Dept.	Royal College of St. Katharine.	Total.
ANTE-NATAL	594	1,234	1,828
POST-NATAL—			
Visits	1,714	3,318	5,032
Removed before visit	28	34	62
Died before visit	35	68	103
Still-born	112	20	132
Revisits—			
Under one	5,021	19,561	24,582
One—five	7,935	32,341	40,276
Removed	197	140	337
Died	155	173	328
ZYMOTIC ENTERITIS—			
Visits	20	82	102
Revisits	44	48	92
Died	1	—	1
MEASLES—			
Visits	76	133	209
Revisits	60	38	98
Died	2	4	6
OPHTHALMIA NEONATORUM—			
Visits	58	—	58
Revisits	86	—	86
MISCELLANEOUS... ..	193	2,574	2,767
Total Visits paid	75,130		

STILLBIRTHS.

Number of stillbirths	...	...	...	...	...	144
Delivered in institutions and no information available						20
Premature births	...	...	...	...	...	43
Fœtus macerated	...	...	...	...	...	30
First pregnancies	...	...	...	...	...	24
Mothers who worked during pregnancy	...	...	...	...	...	13
Instrumental deliveries (forceps)	...	...	...	...	...	8
Induction (one (?) hydramnios, one mother def.)	...	...	...	...	...	2
Transverse presentations	...	...	...	...	...	2
Prolapse of cord	...	...	...	...	...	3
One of triplets	...	...	...	...	...	1
One of twins	...	...	...	...	...	4
Breech presentations	...	...	...	...	...	16
Ante-partum hæmorrhage	...	...	...	...	...	11
Malformation (child)	...	...	...	...	...	1
Cord round neck	...	...	...	...	...	2

Five mothers died too.

Mothers who had had previous stillbirths:—

One.	Two.	Three.	Four.	Five.
12	1	3	—	—

Miscarriages:—

12	5	2	—	1
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Eight attributed the fact that the child was stillborn to "shock," ten to "accident," fourteen to "ill-health" (two tumours, one epileptic, two epistaxis, one diabetes, one septic poisoning, one anæmia, five influenza and pneumonia, one severe bilious attack), two to "blows in street fight," one "excitement" (was sailing for Africa, taken ill in shipping office), and one to "efforts in early months to get rid of it."

NURSING.

	Ophth. Neon.		Measles.		Zy. Enteritis.		Influenza.	
	Cases.	Visits.	Cases.	Visits.	Cases.	Visits.	Cases.	Visits.
East London Nursing Society	12	343	32	421	—	—	4	54
St. John Divine	6	174	—	—	—	—	—	—
Millwall & Cubitt Town ..	4	158	1	25	—	—	—	—
The Ranyard Nurses ..	1	26	9	158	—	—	—	—
Total	23	701	42	604	—	—	4	54

ZYMOTIC ENTERITIS.

Visited ...	...	...	...	...	...	99
Failed to trace ...	...	...	...	...	...	3
Under 1 year ...	...	...	...	...	...	45
1 to 2 years ...	...	...	...	...	...	27
2 to 3 years ...	...	...	...	...	...	16
3 to 4 years ...	...	...	...	...	...	5
4 to 5 years ...	...	...	...	...	...	2
Died before notification received ...	...	...	...	...	...	1

FEEDING.

Age period.	Breast.	Mixed feeding.	Hand fed.	Not stated.
Under 1 year	22	6	17	—
1 to 2 years	1	7	18	1

(Fresh milk eight, dried milk seven, condensed milk two.)

MEDICAL ADVICE OBTAINED.

Same day ...	...	...	...	...	...	13
1 day ...	...	...	...	...	...	22
2 days ...	...	...	...	...	...	24
3 days ...	...	...	...	...	...	2
4 days ...	...	...	...	...	...	7
5 days ...	...	...	...	...	...	1
6 days ...	...	...	...	...	...	6
No information or too doubtful to use ...	...	...	...	...	...	24

OPHTHALMIA NEONATORUM.

Number of notifications received ...	...	...	...	61
Died whilst under supervision ...	...	...	...	1
Removed whilst under supervision ...	...	...	...	1
Remaining in hospital end of year ...	...	...	...	2
Recovered ...	...	...	...	57
Occurred in institutions ...	...	...	...	2
Occurred in the practice of medical practitioners	...	...	...	11
Occurred in the practice of midwives ...	...	...	...	48
Admitted to hospital as in-patients...	...	...	...	8
Treated as hospital out-patients ...	...	...	...	18
Treated privately ...	...	...	...	33
Visited by nurse ...	...	...	...	25

OLD FORD CLINICS.

Dental Clinic (April, 1920.)

Number of attendances	...	...	...	...	...	244
Fillings :—						
Permanent	...	...	...	...	...	31
Temporary	...	...	...	...	...	1
Local anæsthetics, extractions :—						
Permanent	...	...	...	...	...	125
Temporary	...	...	...	...	...	20
N ₂ O extractions :—						
Permanent	...	...	...	...	...	174
Temporary	...	...	...	...	...	37
Scalings	...	...	...	...	...	31
Dressings	...	...	...	...	...	4
Other operations	...	...	...	...	...	82

Average attendance—6.4.

Ante-Natal.

Expectant mothers :—

First attendances	...	...	...	...	...	44
Total attendances	...	...	...	...	...	103
Average attendance each session	...	...	...	...	...	1.9

Potential mothers :—

First attendances	...	...	...	...	...	105
Total attendances	...	...	...	...	...	426
Average attendance each session	...	...	...	...	...	8.1

Infant Consultations.

First attendances	...	...	...	...	...	899
Total attendances	...	...	...	...	...	6,645
Average attendance each session	...	...	...	...	...	63.7

Treatment Minor Ailments.

First attendances	...	...	...	...	...	469
Total attendances	...	...	...	...	...	1,192
Average attendance each session	...	...	...	...	...	22.9

Eye Clinic.

First attendances	...	...	...	...	...	50
Total attendances	...	...	...	...	...	91
Average attendance each session	...	...	...	...	...	8.2

Sewing Class.

Total attendances	...	...	...	...	...	168
Average attendance each session	...	...	...	...	...	9.8

ALLANMOUTH ROAD CLINIC.

(April, 1920.)

Ante-Natal.

Expectant mothers :—

First attendances	...	...	...	...	7
Total attendances	...	...	...	...	21
Average attendance each session	...	...	...	...	0.6

Potential mothers :—

First attendances	...	...	...	...	35
Total attendances	...	...	...	...	91
Average attendance each session	...	...	...	...	2.6

Infant Consultations.

First attendances	...	...	...	...	98
Total attendances	...	...	...	...	892
Average attendance each session	...	...	...	...	25.4

Treatment Minor Ailments.

First attendances	...	...	...	...	96
Total attendances	...	...	...	...	228
Average attendance each session	...	...	...	...	6.5

WEST FERRY ROAD CLINIC.

(April, 1920.)

Infant Consultations.

First attendances	...	...	...	...	218
Total attendances	...	...	...	...	1,345
Average attendance each session	...	...	...	...	35.3

Ante-Natal.

Expectant mothers :—

First attendances	...	...	...	...	19
Total attendances	...	...	...	...	19
Average attendance each session	...	...	...	...	2.3

Sewing Class.

Total attendances	...	...	...	...	353
Average attendance each session	...	...	...	...	10.8

CHRIST CHURCH SCHOOLS.

(April, 1920.)

Infant Consultations.

First attendances	...	...	...	...	355
Total attendances	...	...	...	...	2,563
Average attendance each session	...	...	...	...	34.6

SHIRBUTT STREET (NORTH POPLAR) CLINIC.

(December, 1920.)

Infant Consultations.

First attendances	...	...	...	...	...	56
Total attendances	...	...	...	...	...	109
Average attendance each session	...	...	...	...	...	21.8

MONEY TAKEN.

				£	s.	d.
For Dried milk (4,249 lbs.)	...	...	...	466	19	3
„ Fresh milk	...	...	...	1	5	6
„ Sugar (258½ lbs.)	...	...	...	9	18	3
„ Medical sundries	...	...	...	49	10	0½
„ Dentures...	...	...	...	21	9	6
„ Spectacles (31 pairs)	...	...	...	9	2	1
„ Materials at sewing class	...	...	...	38	10	2½
Total money taken				£596	14	10

3,385 vouchers for cod liver oil, malt, etc., were also issued.

GRANTS.

Free vouchers	...	...	...	...	3 cases
“ Grants in aid ” spectacles	...	...	...	2	„
Free dentures	...	...	...	1	„
Free convalescent treatment (one mother, two children)	...	...	...	3	„
Free attendance of midwife	...	...	...	1	„
Loan of maternity bag	...	...	...	1	„

MILK (MOTHERS' AND CHILDREN'S ORDER).

Qualifications.

- January 1st ... Expectant and nursing mothers, and children under five, where income does not exceed 12s. 6d. per head less rent, income based on earnings of husband and contributions of children.
- „ 9th ... Part payment could be made if income found to be more than above.
- „ 13th ... To be given to all, without enquiry.
(a.m.)
- „ 13th ... To keep three lists—(1) Under 12s. 6d. per head less rent, free. (2) Over 12s. 6d., part payment. (3) Well over 12s. 6d., pay for their own.
(p.m.)

- February 16th Over 12s. 6d. less rent, on medical certificate. Between 10s. and 12s. 6d., half price. Under 10s., free. Expectant mothers to produce a certificate of seven months' pregnancy from doctor or midwife. No application to be considered where the income per head less rent is over 12s. 6d.
- March 1st ... Between 10s. and 12s. 6d., on medical certificate. Under 10s., free. Total earnings of family to be taken as basis.
- May 3rd ... Families of four and under, 12s. 6d. per head less rent.

Applications.

- January ... The Royal College of St. Katharine, and the Poplar Infant Welfare Association, to receive and deal with their own applications, forwarding a list of applications granted to this department each month. Applications to be received at every session of the maternity clinics throughout the Borough.
- April ... Poplar Infant Welfare Association taken over by Council. Applications received :—West Ferry Road, Wednesday; Christ Church, Thursday; Allamouth Road, Monday; Old Ford, Thursday and Friday.
- September 13th All applications to be made at the Public Health Offices on printed forms.
- December 13th Whole organisation transferred to Public Health Department.

Enquiries.

- January ... None.
- February 12th Stated income to be compared with Trade Union rates. If obviously inaccurate, and husband's permission obtained, Borough Council to verify. Milk to be granted pending enquiry.
- February 18th Committee to verify in doubtful or inaccurate cases (without husband's permission).
- September 13th (Introduction of printed forms.) Enquiries in doubtful cases made before milk granted.

Quantity Allowed.

- January ... As per Ministry of Health's scale—Children under 18 months, not more than $1\frac{1}{2}$ pints daily; over 18 months, not more than 1 pint. Expectant mothers, as specified by Medical Officer. Allowed for 28 days.

- May Not more than three pints to one family.
 Dried or condensed milk (in proportion to fresh) on certificate from doctor.
 Orders to be given on dairymen named by applicant, if trade conducted on Trade Union lines, and milk supplied at 2d. per gallon less than current retail prices.

<i>Number of enquiries made</i>	315
Statements found to be untrue	211
Statements found to be true	54
No reply... ..	50
Number of Sub-Committee meetings held and attended	33
Number of applications granted	17,095
Cow's milk	109,198 $\frac{1}{4}$ gallons.
Dried milk (free)	3,454 lbs.
Dried milk (at cost price)	4,249 lbs.
Condensed milk	49 tins.

VITAL STATISTICS, 1919.

All births, including those occurring in out-lying districts, but belonging to the Borough ...	4,417
Attended by doctors	853
Attended by midwives	3,245
Delivered in institutions	198
Not stated	121
Stillborn	103
Died before visit	117
Not requiring or not desiring visits	397
Visited	3,800
Removed and not traced	280
Died during visitation... ..	243
Remaining under supervision end of first year ...	3,277
Stillbirths per 1,000 births	23.3
Mortality per 1,000 births, died before visit ...	27.1
Mortality per 1,000 visited	69.0

The feeding of the infants during the first six months of life was as follows :—

- Those alive at end of completed year (December, 1920)—

Breast fed	75.3 per cent.
Mixed feeding	21.0 „
Hand-fed	3.6 „

2. Those who died—

Breast fed ...	...	...	...	...	55.5	per cent.
Mixed feeding ...	...	...	...	...	32.9	"
Hand-fed ...	...	...	...	...	11.5	"

3. Comparison of rates of mortality between infants—

Breast-fed ...	...	...	...	...	5.1	per cent.
Mixed feeding ...	...	...	...	...	10.4	"
Hand-fed ...	...	...	...	...	19.1	"

VITAL STATISTICS, 1918.

Remaining under supervision end of first year ...	2,372
Found ...	9
Given up ...	9
Removed and not traced ...	68
Died ...	85
Remaining under supervision end of second year	2,219
Mortality per 1,000 visited, second year ...	36.8 (51.6)

VITAL STATISTICS, 1917.

Remaining under supervision end of second year	2,221
Found ...	32
Removed and not traced ...	81
Remaining under supervision end of third year ...	2,129
Mortality per 1,000 visited, third year ...	19.7 (24.1)

VITAL STATISTICS, 1916.

Remaining under supervision end of third year ...	2,348
Found ...	51
Given up ...	3
Removed and not traced ...	83
Died ...	28
Remaining under supervision end of fourth year ...	2,285
Mortality per 1,000 visited, fourth year ...	12.1 (18.1)

VITAL STATISTICS, 1915.

Remaining under supervision end of fourth year...	2,221
Found	43
Given up	2
Died	47
Remaining under supervision end of fifth year ...	2,201
Mortality per 1,000 visited, fifth year	6.3
	(8.4)

The figures in brackets are the rates for the previous year. As will be seen, the mortality during each period shows a marked decrease.

I remain, Sir,

Your obedient Servant,

ALICE E. HALL.

Annual Report of Clinic Dental Surgeon.

To the Medical Officer of Health.

SIR,

The Dental Clinic in connection with the Old Ford Maternity and Child Welfare Centre has now been in operation for one year; the first session was held on April 7th, 1920, and thereafter once weekly till March 30th, 1921. I beg to submit a report on our progress:—

I.—From the records kept we find that—

53 Sessions have been held, two hours each, representing 106 hours.

114 Patients have been treated and finished, with the exception of a few current cases.

365 Attendances have been made at the clinic.

532 Teeth have been extracted.

63 Teeth have been filled.

23 Dentures have been fitted.

II.—From these figures we may deduce the following information in averages:—

Average number of patients dealt with at each session...	6.80
Average number of attendances per patient	3.20
Average number of patients treated and finished per session	*2.15

III.—Treatment.—Extraction, so far, is the largest heading under which treatment falls, with subsequent fitting of artificial dentures. Scaling is found to be of the greatest importance (with which is included various forms of gum treatment). Fillings, at present, are possibly the smallest item. I am of opinion that the order of importance should be reversed, to reach the ideal, but the following facts must be remembered. We have a condition of affairs in which dental treatment has been absent till quite recently. The results are mouths in which dental disease is of very long standing. We are therefore only treating the urgent cases which come for relief from pain and discomfort now. These have passed the conservative stage. It is to be anticipated, therefore, that in time the urgent cases will have been worked off to a great extent, and we shall then be able, through the education and enlightenment of the people, to treat cases in the first stages of dental disease instead of the last.

* From a knowledge of the foul and neglected mouths of the majority of patients, this average number is surprising.

IV.—*Staff*.—Consists of a nurse in attendance besides myself. On anæsthetic days we have the services of an anæsthetist, of course, and those of a health visitor in the recovery room. It will, therefore, be seen that we have no clerical help, though it is usual to have a clerk in most clinics. This means a more considerable item than is often realised. However, time spent on clerical work is made up by the use of up-to-date appliances and methods, and, further, the emoluments required by a clerk help to defray the cost of the up-to-date appliances. Unless the work at the clinic grows out of all proportion, I think we can dispense with outside clerical help for some time to come. I desire to take this opportunity of thanking those connected with me in the work for their valuable help and co-operation.

V.—*Premises*.—Not much need be said about our premises; it is too obvious that they are not faultless, but this fact is considerably counterbalanced by our modern appointments. I have no hesitation in saying that, given decent premises, the clinic would rank amongst the first in London.

VI.—*General observations*.—Considering the usual distrust and prejudice with regard to dentistry by the working classes, I think our first year's progress is highly gratifying. The actual results in figures show great promise, and from my own observations, I think our efforts are very much appreciated. The amount of work to be got through before the ideal is reached, however, is stupendous. The fact that we can undercut the unqualified in denture work, as has been proved, will be a great point for us.

I have the honour to remain, Sir,

Yours faithfully,

C. HAMMOND WILLIAMS,

L.D.S., R.C.S. (Eng.).

