

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

Contributors

Poplar (London, England). Metropolitan Borough.
Alexander, Frederick William.

Publication/Creation

[1923]

Persistent URL

<https://wellcomecollection.org/works/fke55k63>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

Metropolitan Borough of Poplar.



ANNUAL REPORT

FOR THE

YEAR 1922,

ON

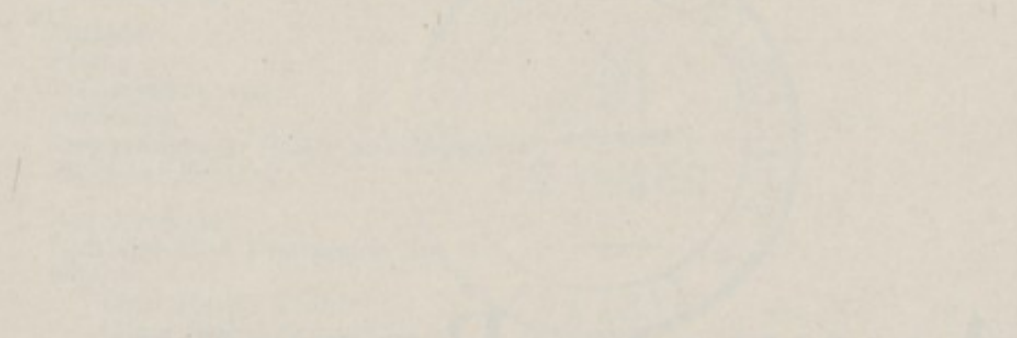
The Sanitary Condition and Vital Statistics of the
Metropolitan Borough of Poplar, comprising the
Registration Sub-districts of POPLAR, BROMLEY
and BOW.

BY

FREDK. WM. ALEXANDER,

Medical Officer of Health.

Metropolitan Board of Health



ANNUAL REPORT

YEAR 1883

The Board of Health, created by the Metropolitan Board of Health, has the honor to present to the public the following report of its proceedings during the year 1883.

EDWARD W. ALDRIDGE

Secretary



CONTENTS.

	PAGE
Staff	v
Summary of Vital Statistics	vii
Vital Statistics	1
Population, Census	1
Births and Transferable Births	2
Illegitimate Births	4
Birth Rate	5
Marriages	5
Marriage Rate	5
Deaths	5
Deaths of Illegitimate Children	6
Death Rate	6
Zymotic Diseases, Death Rate	7
Respiratory Diseases, Death Rate	7
Infantile Mortality—Notification of Births Act, 1907—Tables	8, 37
Ophthalmia Neonatorum, Notifications, Public Health (Ophthalmia Neonatorum) Regulations, 1914 : Results, etc., of Cases, 1914–1922..	9
Age Mortality	10
Tubercular Diseases, Deaths, Death Rate	10
Phthisis—Deaths	11
Prevention of Consumption—Notifications ; Summaries of Notifications Received ; Number of Notifications on Form D ; Actual Number of Cases on Register at end of year 1922. Bacteriological Examinations ; The Borough of Poplar Dispensary for the Prevention of Consumption ; Deaths, Tubercular Diseases and Phthisis Number and Rate (see pages 10 and 11) ; Disinfection of Rooms and Articles (see page 50) ; Report of Tuberculosis Officer (see page 97)	11
Tables of Deaths	18
Deaths from Drowning, &c.	21
Deaths of Persons of Unknown Addresses, included in the Mortality Statistics..	21
Vital Statistics, Tables	22
Notes on Nomenclature of Diseases	26
Tables of Deaths (Classification)	28
Table of Deaths in Public Institutions	36
Tables of Infectious Diseases	44
Zymotic Diseases, Notifications ; Institutions, Errors in Diagnosis ; Infectious Diseases in Milkshops and on Homeworkers' Premises	48
Disinfecting Department—Rooms and Articles (Infectious Diseases and Verminous) Disinfected	50
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, 1922, and Expenditure for year ended 31st March, 1922. Average expenditure for the three years ended March, 1922. Estimated Expenditure for the year ending 31st March, 1923, and for the year ending 31st March, 1924, Spraying and Cleansing of Floors of London County Council Schools with Electrolytic Fluid, Swimming Baths—the use therein of Electrolytic Disinfecting Fluid	51
Verminous Children attending School—London County Council (General Powers) Act, 1907, Children Act, 1908, Number of Verminous Children Bathed, Itch Cases	56
Cleansing of Persons Act, 1897.. .. .	57
Verminous Persons in Common Lodging-Houses—London County Council (General Powers) Act, 1907, Number of Persons Cleansed from Common Lodging-Houses within and without the Borough	57
Plague	58
Anthrax	58
Glanders—London (Notification of Glanders) Order, 1907.. .. .	58

	PAGE
Hydrophobia	58
Puerperal Fever—Number of Cases, Deaths	59
Small-pox	59
Vaccination	59
Erysipelas	60
Scarlet Fever	60
Continued and Typhus Fevers	61
Typhoid Fever—Notifications, Rate per 1,000 Persons living, Errors in Diagnosis, Bacteriological Examinations of Doubtful Cases, Deaths	61
Diphtheria (including Membranous Croup)—Notifications, Deaths, Bacteriological Examinations, Errors in Diagnosis, Isolation, Diphtheria Antitoxin (London) Order, 1910	63
Whooping Cough—Deaths	64
Influenza Deaths	65
Measles—Deaths, Outworkers	66
"Spotted Fever" (Epidemic Cerebro-Spinal Meningitis)	67
Acute Polio-Myelitis or Acute Polio-Encephalitis and Acute Encephalitis Lethargica	67
Diarrhoea and Enteritis, Deaths, Notification of Zymotic Enteritis and Summer Diarrhoea	68
Inquests and Deaths from Violence	70
Mortuary—Number of Bodies Received into Council's Cottage Street Mortuary Canal Boats	71
Workshops, Workplaces, Laundries and Outworkers	72
Table A—Number of Inspections of, &c., of Bakehouses, Laundries, Workshops, Workplaces, Places where Food is Prepared, Milk Premises, Cowsheds, Slaughterhouses, Offensive Businesses, Ice Cream Premises and Homeworkers' Premises	72
Table B—Lists of Trades, Workshops, &c.	73
Tables C, D, E and F—Filled in at the request of the Secretary of State, Factories, Workshops, Laundries, Homework, &c.	75-78
Bakehouses—Inspections	78
Bye-Laws—Dresser of Fur Skins	78
Coffee Shops, Eating Houses, Fried Fish Shops, Hotels, Restaurants, &c., London County Council (General Powers) Act, 1908—Sanitary Regulations for Premises used for the Sale, &c., of Food for Human Consumption	79
Hairdressers' Premises	79
Milkshops—Dairies, Cowsheds and Milkshops Order, London County Council (General Powers) Act, 1908, Power to Sanitary Authority to remove from or refuse to enter on Register Names of Dairymen in Certain Circumstances Milk and Dairies (Amendment Act, 1922	79
Smoke Nuisances	80
Ice Cream	80
Food and Drugs Acts—Results of Analyses, Legal Proceedings, Preservatives in Butter; Preservatives in Margarine	81
Houses Let in Lodgings or Occupied by Members of more than one Family, Chinese Quarter	85
Housing—Housing Acts, 1890-1919; Housing (Inspection of District) Regulations, 1910; Representations to Council under the Housing, Town Planning, etc., Act, 1909	85
Water Certificates	88
London County Council (General Powers) Acts, 1904 and 1922, Verminous Rooms Rats and Mice Destruction Act	88
Schools—Inspection of Schools	89
Rag Flock Act	89
Sanitary Inspectors' Work—Tabulated List of Sanitary Inspections, &c., Over- crowding, General, Legal Proceedings	89
Reports— Free Milk Scheme—Report of Chief Clerk	96
Dr. W. C. P. Smith (Tuberculosis Officer)	97
Miss Alice E. Hall (Chief Health Visitor)	102
Mr. C. Hammond Williams (Clinic Dental Surgeon)	110
Index	111

STAFF.

Medical Officer of Health :

FREDERICK WILLIAM ALEXANDER, M.R.C.S., L.R.C.P., D.P.H.

Public Analyst :

ALBERT E. PARKES, F.I.C., F.C.S.

Chief Clerk :

HAROLD DYER.†

Sanitary Inspectors ; Inspectors under the Food and Drugs
and Canal Boats Acts :

East Combined Division	....	....	....	....	H. A. TIBBATTS.*
West Combined Division	....	....	....	....	J. JOHNSON.*§
Poplar South Division	....	....	....	....	C. H. BROWN.*†§
Bromley North Division	....	....	....	....	H. J. LANGLEY.*
Bromley Central Division	....	....	....	....	WM. JOHNSON.*†
Bow, East	....	....	....	....	A. J. FIELD.†
Bow, West	....	....	....	....	W. BOYCE.†

Housing Inspectors :

Poplar	....	....	....	....	....	C. A. GRABHAM.*†
Bromley	....	....	....	....	....	H. A. PEARCE.*†§
Bow	....	....	....	....	....	F. A. SMITH.*

Lady Sanitary Inspector :

Miss A. TATTERSALL.†

Clerks :

F. J. WHITE.	H. C. RODFORD.	H. A. PURDY.
W. F. ROBERTS.	Miss S. FELS.	Miss G. HOOD.
Miss E. HAMILTON (temporary).		

Office Boy A. HAMILTON.

Offices—Caretaker and Messenger :

J. J. JACKSON.

* Cert. S.I.E. Board. † Cert R.S.I. ‡ Cert. Meat and Food Inspector. § R.P.C.

MATERNITY AND CHILD WELFARE.

Chief Health Visitor :

Miss A. E. HALL.*†

Health Visitors :

Miss E. A. FOSKETT.*

Miss J. M. CARDOZO.*

Mrs. M. J. EDGELL.§

Miss M. MALLET.*

Miss E. G. LITTLEWOOD* (*Resigned early in 1923*).

Clerk :

Miss V. F. WOOD.

Temporary Clerks :

Mrs. R. BURWOOD.

Miss R. WILLIAMS.

Miss M. L. THOMPSON.

Investigation and Enquiry Officer :

C. A. WEBSTER (temporary).

There are four Doctors, one Dental Surgeon and an Anæsthetist attending the Council's Clinics.

TUBERCULOSIS DISPENSARY, 135, BOW ROAD.

Tuberculosis Officer :

W. C. P. SMITH, B.A., M.R.C.S., L.R.C.P., D.P.H.

Assistant Tuberculosis Officer :

D. H. GEFFEN, M.D., B.S., D.P.H.

Health Visitors :

Miss H. MESSEM.

Miss D. WOOD.‡

Miss N. ROBERTS.‡

Dispenser :

Mrs. A. M. SMITH.

Clerks :

Miss E. S. JONES.

Miss A. ROGERS.

Nurse-Helper :

Mrs. E. TOMLINS (temporary).

Caretaker :

J. TYLER.

DISINFECTING STATION, YEO STREET.

Disinfectors :

W. D. QUESTED (Chief).

D. BOYCE.

Shelter and Cleansing Station Attendant :

Mrs. A. HOWE.

MORTUARY.

Mortuary Keeper and Caretaker of Coroner's Court :

J. BROWN.

* C.M.B. † Cert. S.I.E.B. § Cert. Mid. Colonial Medical Association.

‡ H.V. Cert. R.S.I. and San. Insp. Cert. R.S.I.

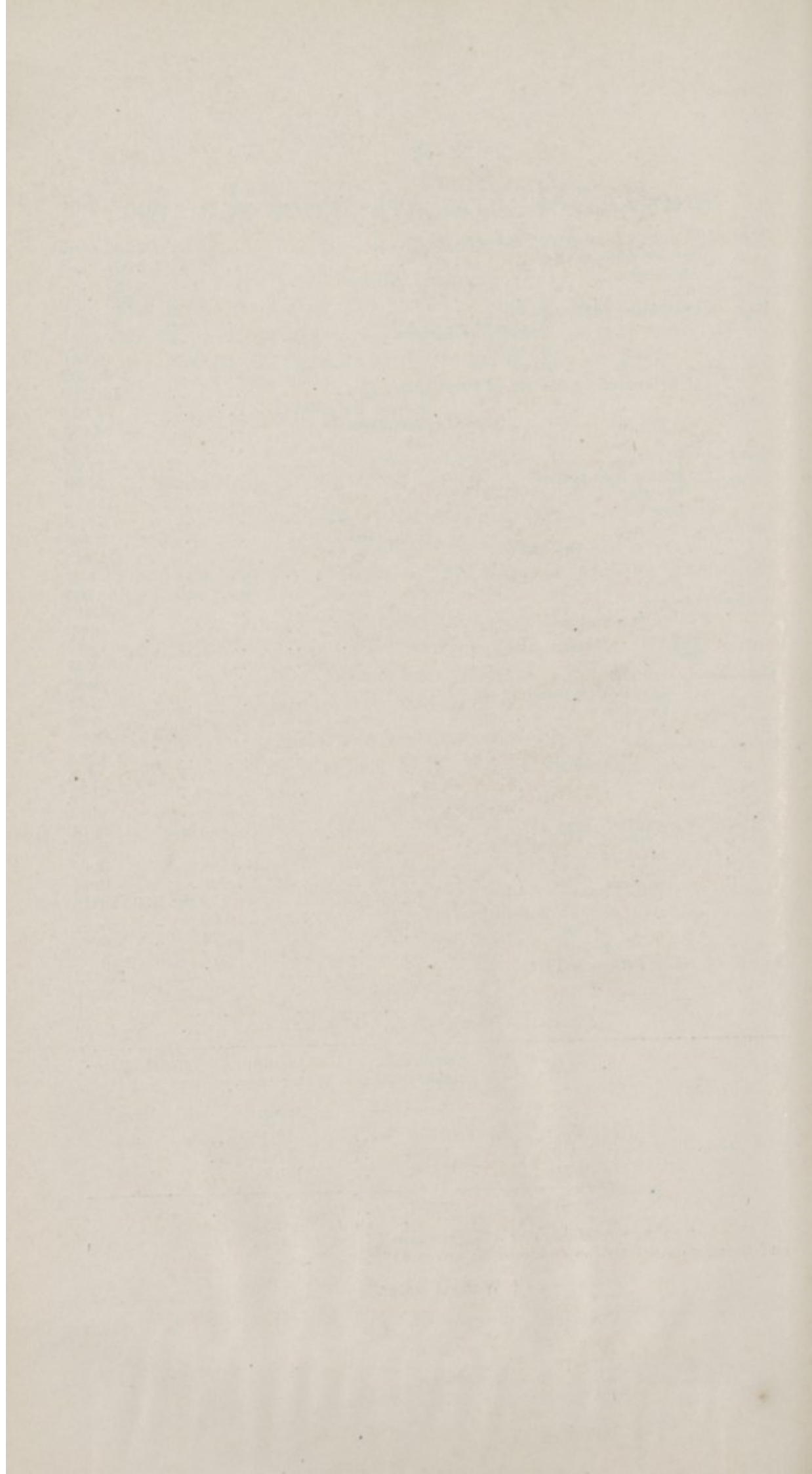
SUMMARY OF VITAL STATISTICS FOR 1922.

Area of Borough (excluding Water)* ..	..	..	..	..	..	2,136 acres
" Poplar Sub-District ..	..	..	..	..	..	1,004 "
" Bromley ..	..	..	..	..	..	589 "
" Bow ..	..	..	..	..	..	543 "
Population (Census 1921)—Borough ..	..	..	..	..	..	162,618
" " Poplar Sub-District ..	..	..	..	..	..	56,924
" " Bromley ..	..	..	..	..	..	65,441
" " Bow ..	..	..	..	..	..	40,253
" Estimated to Middle of 1922—Borough ..	..	..	..	..	..	165,700
" " " Poplar Sub-District ..	..	..	..	..	..	58,038
" " " Bromley ..	..	..	..	..	..	66,673
" " " Bow ..	..	..	..	..	..	40,989
Density†—Borough ..	..	..	..	..	..	77.57
" Poplar Sub-District ..	..	..	..	..	..	57.80
" Bromley ..	..	..	..	..	..	113.19
" Bow ..	..	..	..	..	..	75.48
Marriages—Borough ..	..	..	..	..	..	2,486
" Poplar Sub-District ..	..	..	..	..	..	1,082
" Bromley ..	..	..	..	..	..	902
" Bow ..	..	..	..	..	..	502
Births—Borough ..	..	..	..	..	..	4,417
" Poplar Sub-District ..	..	..	..	..	..	1,602
" Bromley ..	..	..	..	..	..	1,873
" Bow ..	..	..	..	..	..	942
Birth Rate—Borough ..	..	..	..	..	..	26.65
" Poplar Sub-District ..	..	..	..	..	..	27.60
" Bromley ..	..	..	..	..	..	28.09
" Bow ..	..	..	..	..	..	22.98
Deaths—Borough ..	..	..	..	..	..	2,372
" Poplar Sub-District ..	..	..	..	..	..	866
" Bromley ..	..	..	..	..	..	933
" Bow ..	..	..	..	..	..	573
Death Rate—Borough ..	..	..	..	..	..	14.31
" Poplar Sub-District ..	..	..	..	..	..	14.92
" Bromley ..	..	..	..	..	..	13.99
" Bow ..	..	..	..	..	..	13.97
Infantile Mortality—Borough ..	..	..	..	..	79 per 1,000 births	
" Poplar Sub-District ..	..	..	..	..	85 "	
" Bromley ..	..	..	..	..	74 "	
" Bow ..	..	..	..	..	77 "	
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.

† 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' Order, 1922," of the Ministry of Health, dated 28th March, 1922, I have the pleasure of submitting to you my thirtieth Annual Report, which deals with the year 1922. 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, estimated to the middle of the year by the Registrar General is :—

Borough.	Poplar.	Bromley.	Bow.
165,700 ..	58,038 ..	66,673 ..	40,989

being 71·18 per acre for the Borough of Poplar, 49·76 per acre in Poplar Sub-District, 110·05 in Bromley, and 73·76 in Bow.* These estimated populations are the figures used in calculating the various rates in the present Report. The estimated population of London for the year 1922 is 4,534,230.

CENSUS.

The population of the Borough at the time of the Census (June, 1921) was as follows :—Poplar sub-district, 56,924; Bromley, 65,441; Bow, 40,253; Borough, 162,618.

* 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 :—77·57 per acre for the Borough of Poplar, 57·80 for the Sub-District of Poplar, 113·19 for the Sub-District of Bromley, and 75·48 for the Sub-District of Bow. County of London 60·0 (Census 1911).

The rates in Tables IV., V., VI., and VII., for 1917-1922, were calculated upon the populations estimated by the Registrar General.

During the year 1922 births occurred in institutions and nursing homes within the Borough as follows:—

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>	<i>Remarks.</i>
All Saints Maternity Hospital	33	34	67	All Poplar Borough births except 2 males and 3 females.
St. Andrew's Hospital...	18	20	38	All Poplar Borough births except 4 males and 4 females.
Bromley House Institution	6	6	12	1 female, Poplar. Remainder Stepney.
90, East India Dock Road	4	5	9	6 Poplar Borough births, remainder non-residents.
231, Brunswick Road ...	5	5	10	8 Poplar Borough births, 2 non-residents.

The number of births registered was as follows:—

	<i>Males.</i>	<i>Females.</i>	<i>Totals.</i>
Poplar ..	731	695	1,426
Bromley ..	874	834	1,708
Bow ..	429	427	856
Totals ..	2,034	1,956	3,990

The corrected number of births is as follows:—*

	<i>Males.</i>	<i>Females.</i>	<i>Totals.</i>
Poplar ..	837	765	1,602
Bromley ..	960	913	1,873
Bow ..	482	460	942
Totals ..	2,279	2,138	4,417

* See pages 3 and 4.

Particulars.	Males.	Females.	Totals.
*POPLAR (SUB-DISTRICT).			
Registrar's Weekly Returns	731	695	1,426
<i>Births occurring outside the Sub-District of persons belonging thereto :—</i>			
Mothers' Home, Stepney	94	71	
London Hospital	2	1	
Queen Mary's Hospital	2	2	
City of London Maternity Hospital ..	4	1	
Queen Charlotte's Hospital	1	—	
British Hospital, Woolwich	1	—	
King's College Hospital	1	—	
Mothers' Hospital, Clapton	2	1	
Hospital for Women and Children, Paddington	1	—	
St. Andrew's Hospital, Bromley	2	3	
Bromley Sub-District	—	1	
Bromley House Institution	—	1	
City of London Institution	—	1	
Bancroft Lodge, Mile End	2	2	
London County Asylum, Epsom	—	1	
Croydon C.B.	1	—	
Foulsham, Norfolk	—	1	
Ilford U.D.	1	—	
Oxford C.B.	—	1	
Stepney M.B.	—	1	
Westminster, City of	—	2	
Fulham M.B.	1	—	
West Ham C.B.	1	—	
	847	785	1,632
<i>Births occurring within the Sub-District of persons not belonging thereto :—</i>			
All Saints' (Bromley S.D.	5	9	
Maternity (Bow S.D.	1	4	
Hospital. (Others	2	3	
East India (Bromley S.D.	1	1	
Dock Road (Bow S.D.	—	1	
(Others	1	2	
Births, nett	837	765	1,602
BROMLEY.			
Registrar's Weekly Returns	874	834	1,708
<i>Births occurring outside the Sub-District of persons belonging thereto :—</i>			
Mothers' Home, Stepney	77	66	
London Hospital	4	1	
City of London Maternity Hospital ..	2	5	
St. Bartholomew's Hospital	—	3	
Queen Mary's Hospital, West Ham ..	2	3	
Queen Charlotte's Hospital	2	—	
Clapham Maternity Hospital	—	1	
Women's and Children's Hospital, Paddington	1	1	
University College Hospital	—	1	
Forest Gate Sick Home	—	1	
Bancroft Lodge, Mile End	1	—	
Whitechapel Infirmary	1	—	
Camberwell M.B.	1	—	
Chelsea Borough	1	—	
Hackney M.B.	—	1	
West Ham C.B.	—	2	
Lambeth M.B.	—	1	
Stepney M.B.	1	—	
All Saints' Maternity Hospital, Poplar, S.D.	5	9	
Poplar Sub-District	1	1	
Acton U.D.C.	—	1	
Wilmington, Kent	1	—	
Woburn, Bedford	1	—	
Yaxham	1	—	
	976	931	1,907

Particulars.	Males.	Females.	Totals.
<i>Births occurring within the Sub-District of persons not belonging thereto :—</i>			
St. Andrew's Hospital	8	11	34
Bromley House Institution	6	6	
Brunswick Road	2	1	
Births, nett	960	913	1,873
<i>Bow.</i>			
Registrar's Weekly Returns	429	427	856
<i>Births occurring outside the Sub-District of persons belonging thereto :—</i>			
Mothers' Home, Stepney	17	8	86
London Hospital	3	2	
City of London Maternity Hospital ..	13	4	
Salvation Army Hospital, Clapton ..	8	3	
Queen Charlotte's Hospital	1	—	
Queen Mary's Hospital, West Ham ..	—	2	
Guy's Hospital	1	—	
Bristol Maternity Hospital	1	—	
Royal Free Hospital	1	1	
St. Bartholomew's Hospital	1	1	
All Saints' Maternity Hospital, Poplar S.D.	1	4	
Poplar S.D.	—	1	
St. Andrew's Hospital, Bromley S.D. ..	2	4	
Bancroft Lodge, Mile End	1	1	
Hackney Infirmary	1	—	
Hackney Borough	—	1	
Stepney Borough	1	—	
Sittingbourne U.D.C.	1	—	
Wanstead U.D.C.	—	1	
Births, nett	482	460	942

Transferable Births Registered during the year 1922.

Early in the year 1923 the Registrar-General afforded the following information for the year ended 30th December, 1922 :—

	Registered Births.	Inward Transfers.	Outward Transfers.
Total births—Males ..	2,029	261	15
Females ..	1,962	196	14
Illegitimate —Males ..	51	13	6
Females ..	30	11	3

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

Males.	Females.	Total.
2,275	2,144	4,419

giving a rate of 26·66 per 1,000 inhabitants.

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

Males.	Females.	Total.
58	38	96

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

		Poplar.	Bromley.	Bow.	Borough of Poplar.	County of London.
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
1921	..	27.35	.. 28.18	.. 25.73	.. 27.28	.. 22.3
1922	..	27.60	.. 28.09	.. 22.98	.. 26.65	.. 21.0*

MARRIAGES.

During the year the marriages of 2,486 persons were registered in the Borough, giving an annual rate of 15.00 per 1,000 of the estimated population, the rate for England and Wales being 15.8, and for London 18.4.

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

		Poplar.	Bromley.	Bow.	Borough of Poplar.	County of London.
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
1921	..	19.38	.. 15.23	.. 13.14	.. 16.17	.. 19.4
1922	..	18.64	.. 13.53	.. 12.25	.. 15.00	.. 18.4

DEATHS.

During the year 2,396 deaths were registered in the Borough of Poplar, 540 deaths having occurred in the Sub-District of Poplar, 1,573 in Bromley, and 283 in Bow ; from the 540 deaths which took place in Poplar there must be deducted 57 deaths of non-residents, and to the remainder must be added 383 deaths which occurred in outlying institutions, making a total of 866 deaths of Poplar parishioners. Treating the 1,573 registered deaths in Bromley in a similar manner, viz., deducting 824 deaths of non-parishioners and adding 184 deaths in outlying institutions, the deaths to be assigned to this sub-district will be found to be 933. From the 283 Bow deaths, there must be deducted 2 non-residents and added 292 deaths in outlying institutions, making a total of 573 deaths.

* The birth rate in England and Wales in 1922 was 20.6 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 2,396 deaths which were registered there must be deducted 480 deaths of actual non-residents, and 456 deaths in institutions entirely outlying must be added, making a total for the Borough of 2,372 upon which the death rate is calculated.

		<i>Males.</i>		<i>Females.</i>		<i>Totals.</i>
Poplar	..	470	..	396	..	866
Bromley	..	491	..	442	..	933
Bow	..	300	..	273	..	573
		—		—		—
Totals	..	1,261	..	1,111	..	2,372

The 866 deaths in Poplar included 6 illegitimate children, 1 male and 5 female; the 933 deaths in Bromley included 3 illegitimate children, 3 female; the 573 Bow deaths included 2 illegitimate children, 2 males, making a total for the Borough of 11 deaths of illegitimate children, 3 male and 8 female.

The male births belonging to the Borough exceeded those of the female by 141, and the male deaths exceeded those of the female by 150 making a gain of 9 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
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
1921	..	12·65	..	13·20	..	12·09	..	12·73	..	12·4
1922	..	14·92	..	13·99	..	13·97	..	14·31	..	13·4

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
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
1921	..	1.84	..	1.42	..	1.52	..	1.59
1922	..	1.37	..	1.88	..	1.39	..	1.58

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

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	145.80	..	107.79	..	126.27	..	125.35
1922	..	92.37	..	135.04	..	99.47	..	110.87

RESPIRATORY DISEASES.

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

Death rates per 1,000 living.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	2.61	..	2.81	..	2.46	..	2.65
1922	..	3.48	..	3.92	..	3.41	..	3.64

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

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1918	..	211.75	..	223.73	..	193.79	..	212.08
1919	..	196.29	..	229.88	..	191.36	..	208.31
1920	..	250.61	..	263.14	..	232.17	..	250.85
1921	..	206.32	..	213.30	..	203.66	..	208.61
1922	..	233.25	..	280.81	..	244.32	..	254.63

INFANT MORTALITY.*

INFANTILE MORTALITY ; NOTIFICATION OF BIRTHS ACT, 1907.

INFANTILE MORTALITY.

There were 137 deaths of children under one year of age belonging to Poplar, 139 deaths under one year of age belonging to Bromley, and 73 deaths under one year of age belonging to Bow, making a total for the Borough of 349.† The death rates of children under one year per 1,000 births for the past 15 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	
1921 ..	96.05	.. 70.39	.. 88.03	.. 83.51	.. 80	
1922 ..	85.51	.. 74.21	.. 77.49	.. 79.01**	.. 74	

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

† The 349 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 102). Mortality rate among infants visited was 65.6 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 1920. 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.

	Mortality rates amongst infants visited		
1908	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
1920	48.1
1921	65.6

NOTIFICATION OF BIRTHS ACT, 1907.

During the year 4,037 notifications were received under the Notification of Births Act, 1907.

OPHTHALMIA NEONATORUM.

NOTIFICATIONS OF OPTHALMIA NEONATORUM.

Thirty-six cases of Ophthalmia Neonatorum were notified during the year—14, Poplar; 8, Bromley; and 14, Bow.

Three cases were treated in hospitals—2, Poplar; 1, Bromley; and 0, Bow.

SUMMARY, 1922.

Sub-District.	Number of Notifications.	ACTUAL CASES.			
		Notified by Doctors only.	Notified by Midwives only.	Doctors and Midwives.	Total.
Poplar ...	19	11	1	2	14
Bromley ...	10	5	2	1	8
Bow ...	16	13	0	1	14
Totals ...	45	29	3	4	36

RESULTS, ETC., OF CASES OF OPTHALMIA NEONATORUM, 1914-1922.

Year.	Number of Cases Notified.	Died or removed while under Supervision.	Born blind.	Sight of One Eye— Damaged. Destroyed.		Sight of both eyes damaged.	Recovered.
1914	75	2	—	—	—	—	73
1915	64	1	—	—	1	—	62
1916	60	—	—	—	—	—	60
1917	39§	1	—	1	—	—	36
1918	40	—	—	1	—	—	39
1919	61	—	—	—	1	—	60
1920	61	2	—	—	—	—	59
1921	47	2	1	—	1	—	42
1922	36	1	—	1	—	—	34
Totals	483	9	1	3	3	—	465

§ 1 Born in institution—not visited, no information available.

See also Report of Chief Health Visitor, page 102.

AGE MORTALITY.

The numbers of deaths from one year to 65 years of age was 462 for Poplar, 560 for Bromley, and for Bow 320, making a total for the Borough of Poplar of 1,342. The annual death rates per 1,000 living for the past 5 years being:—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	6.73	..	7.19	..	6.22	..	6.79
1922	..	7.96	..	8.39	..	7.80	..	8.09

The numbers of deaths over 65 years was 267 for Poplar, 234 for Bromley, and 180 for Bow, making a total of 681 for the whole Borough. The annual death rates per 1,000 living for the past 5 years being:—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	3.27	..	4.02	..	3.59	..	3.65
1922	..	4.60	..	3.50	..	4.39	..	4.10

TUBERCULAR DISEASES.*

(Deaths at all ages.)

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1918	..	140	..	127	..	89	..	356
1919	..	84	..	86	..	52	..	222
1920	..	99	..	101	..	64	..	264
1921	..	78	..	97	..	46	..	221
1922	..	74	..	95	..	55	..	224

* Including phthisis.

Death rates per 1,000 persons living.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	1.35	..	1.46	..	1.13	..	1.34
1922	..	1.27	..	1.42	..	1.34	..	1.35

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

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	107.29	..	111.23	..	93.68	..	105.74
1922	..	85.45	..	101.82	..	95.98	..	94.43

PHTHISIS.

Deaths (all ages).

		Poplar.		Bromley.		Bow.		Borough of Poplar
1918	..	112	..	112	..	74	..	298
1919	..	74	..	74	..	47	..	195
1920	..	84	..	85	..	54	..	223
1921	..	61	..	77	..	44	..	182
1922	..	68	..	84	..	43	..	195

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 1922; 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 97.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 1st January, 1922, to the 31st December, 1922, 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				
																				Poor Law Institutions.	Sana-toria.
Pulmonary—																					
Males ...	—	6	8	10	12	21	41	59	31	21	3	212	333	—	1	1	2	3	4	141	
Females ...	1	5	12	9	14	32	39	21	13	8	2	156	233	—	1	1	2	4	3	80	
Non-Pulmonary—																					
Males ...	2	19	9	6	4	4	9	3	1	—	2	59	73	—	—	2	2	5	—	14	
Females ...	1	7	15	6	5	4	6	3	4	3	2	56	69	—	—	1	1	5	—	15	
Totals ...	4	37	44	31	35	61	95	86	49	32	9	483	708	—	2	5	7	17	7	250	

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 1st January, 1922, to the 31st December, 1922, 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			
	Pulmonary—																			
Males ...	—	2	4	2	5	10	18	19	10	11	—	81	126	—	1	1	2	2	1	57
Females ...	1	1	4	5	6	13	15	11	6	4	—	66	92	—	—	1	1	3	1	22
Non-Pulmonary—																				
Males ...	2	8	3	1	2	2	6	—	—	—	—	24	27	—	2	—	2	4	—	5
Females ...	1	4	6	4	1	1	3	1	2	1	—	24	28	—	—	—	—	1	—	10
Totals ...	4	15	17	12	14	26	42	31	18	16	—	195	273	—	3	2	5	10	2	94

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 1st January, 1922, to the 31st December, 1922, 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.	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 ...	—	4	3	5	5	2	14	23	13	5	2	76	124	—	—	—	—	1	2	48
Females ...	—	4	6	1	6	15	14	9	5	1	2	63	98	—	1	—	1	1	1	40
Non-Pulmonary—																				
Males ...	—	4	6	3	2	1	2	2	—	—	1	21	27	—	—	—	—	1	—	5
Females ...	—	3	4	2	3	2	2	1	—	2	—	19	26	—	—	—	—	3	—	4
Totals ...	—	15	19	11	16	20	32	35	18	8	5	179	275	—	1	—	1	6	3	97

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the period from the 1st January, 1922, to the 31st December, 1922, 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.				
			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.	Sanatoria
Pulmonary—																						
Males ...			—	—	1	3	2	9	9	17	8	5	1	55	83	—	—	—	—	—	1	36
Females ...			—	—	2	3	2	4	10	1	2	3	—	27	43	—	—	—	—	—	1	18
Non-Pulmonary—																						
Males ...			—	7	—	2	—	1	1	1	1	—	1	14	19	—	—	—	—	—	—	4
Females ...			—	—	5	—	1	1	1	1	2	—	2	13	15	—	1	—	1	1	—	1
Totals ...			—	7	8	8	5	15	21	20	13	8	4	109	160	—	1	—	1	1	2	59

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

		Poplar.	Bromley.	Bow.	Totals.
Poor Law Institutions	Pulmonary	{ M. .. 1	.. 2	.. 1	.. 4
		{ F. .. 1	.. 1	.. 1	.. 3
	Non- Pulmonary	{ M. .. —	.. —	.. —	.. —
		{ F. .. —	.. —	.. —	.. —
Sanatoria ..	Pulmonary.	{ M. .. 57	.. 48	.. 36	.. 141
		{ F. .. 22	.. 40	.. 18	.. 80
	Non- Pulmonary	{ M. .. 5	.. 5	.. 4	.. 14
		{ F. .. 10	.. 4	.. 1	.. 15
Totals ..	Pulmonary	{ M. .. 58	.. 50	.. 37	.. 145
		{ F. .. 23	.. 41	.. 19	.. 83
	Non- Pulmonary	{ M. .. 5	.. 5	.. 4	.. 14
		{ F. .. 10	.. 4	.. 1	.. 15
					257

ACTUAL NUMBER OF CASES ON REGISTER.

Number of cases on Register at beginning of year 1922	5,034	
Add New cases during year	483	
	5,517	
Deduct :—		
Died (<u>notified cases only</u>)	199	
Removed, etc.	162	
Arrested or cured		
Removed from Register—cases not notified since 1913.. .. .	718	
	1,079	
Number of cases on Register beginning of 1923 ..		4,438

BACTERIOLOGICAL EXAMINATIONS.

During the year ended 31st December, 1922, 151 samples of sputum were bacteriologically examined at the Tuberculosis Dispensary. The Tubercle bacillus was found to be present in 30 instances (19·86 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 ended 31st December, 1922 :—

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 ...	—	4	7	2	12	20	30	39	16	3	2	135
Females ...	—	2	11	4	10	18	21	19	2	3	1	91
Non-pulmonary—												
Males ...	—	3	2	1	2	—	5	—	—	—	—	13
Females ...	—	1	2	3	2	—	—	—	—	—	—	8
Totals ...	—	10	22	10	26	38	56	58	18	6	3	247

DISTRIBUTION OF CASES IN THE BOROUGH, ETC.

	Insured.		Uninsured.		Total
Bromley	54	..	39	93
Bow	31	..	27	58
Poplar	50	..	44	94
Out of District	2	..	—	2
	137		110		247

The number of new cases who attended at the Dispensary during the year 1922 was 1,741; of these, 183 were tuberculous.

There was a total of 7,333 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 97.

TABLE I.

Deaths during the year 1922 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	167	87	59	96	409
Poplar Institution	22	29	13	25	89
Baffin Buildings ... ..	...	...	...	...	...
Council Buildings ... ..	...	...	...	...	...
Grosvenor Buildings	7	5	2	5	19
Hanbury Buildings ... ..	...	...	...	...	...
Hudson Buildings ... ..	...	...	...	...	...
Montreal Buildings ... ..	...	...	...	...	...
Ontario Buildings ... ..	...	...	1	...	1
Ottawa Buildings ... ..	...	...	...	...	...
Prestage Buildings	1	...	...	...	1
Quebec Buildings	2	...	1	...	3
Toronto Buildings ... ..	...	...	...	1	1
Winnipeg Buildings	1	...	...	...	1
River Thames	1	2	1	2	6
East India Docks ... ..	...	...	...	1	1
West India Docks	1	1	...	...	2
South-West India Docks ... ..	...	...	...	...	...
Poplar Dock, G.W.R. ... ..	...	...	...	...	...
Millwall Docks	1	1	...	...	2
Canal Dry Dock ... ..	...	...	...	2	2
Limehouse Cut ... ..	...	...	...	...	...
Highway	1	1	1	...	3
Trinity Wharf ... ..	...	...	...	...	...
Bow Creek ... ..	...	...	...	...	...
Police Station ... ..	...	...	...	...	...
	204	126	78	132	540
Deaths occurring outside the sub-district among persons belonging thereto* +	128	87	74	94	383+
Deaths occurring within the sub-district among persons not belonging thereto —	13	19	7	18	57—
Deaths at all ages—nett	319	194	145	207	866

* Including 198 deaths in the Bromley Sub-District :—St. Andrew's Hospital, 172 ; Poplar Hospital, 24 ; Bromley House Institution, 2.

TABLE II.

Deaths during the year 1922 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	...	...	...	247	81	56	81	465
St. Andrew's Hospital	...	...	...	312	217	141	143	813
Bow Institution	...	...	...	72	31	28	30	161
Bromley House Institution	...	...	...	6	6	2	2	16
Poplar Hospital	...	...	...	36	18	16	39	109
Adelaide Buildings	...	...	...	...	1	...	...	1
Melbourne Buildings	...	...	...	...	...	1	...	1
Sydney Buildings	...	...	...	1	...	...	...	1
Wellington Buildings	...	...	...	...	...	...	...	...
River Lee	...	...	...	...	...	...	...	...
Limehouse Cut	...	...	...	...	1	...	...	1
Bow Cemetery	...	...	...	...	...	1	...	1
Highway	...	...	...	...	...	...	...	...
Bow Creek	...	...	...	1	...	...	...	1
District Railway Stations	...	...	...	3	...	...	...	3
				678	355	245	295	1573
Deaths occurring outside the sub-district among persons belonging thereto* +				52	39	47	46	184+
Deaths occurring within the sub-district among persons not belonging thereto —				323	204	142	155	824—
Deaths at all ages—nett				407	190	150	186	933

* Including 26 deaths in the Poplar and Bow Sub-Districts, viz. :—Poplar Institution, 22; Poplar Sub-district, 2; and Bow Sub-district, 2.

TABLE III.

Deaths during the year 1922 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	...	...	...	...	115	69	42	53	279
Highway	...	...	...	...	...	...	2	...	2
River Lee	...	...	...	...	...	...	...	1	1
Duckett's Canal	...	...	...	...	...	...	1	...	1
Great Eastern Railway	...	...	...	...	...	...	...	...	...
Regent's Canal	...	...	...	...	...	...	...	...	...
					115	69	45	54	283
Deaths occurring outside the sub-district among persons belonging thereto* +					99	86	57	50	292+
Deaths occurring within the sub-district among persons not belonging thereto ... .. —					...	...	1	1	2—
Deaths at all ages—nett					214	155	101	103	573

* Including 179 deaths in other parts of the Borough (Poplar and Bromley Sub-Districts), viz.:—Poplar Institution, 9; St. Andrew's Hospital, 158; and Poplar Hospital, 2.

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 Sub-District :—

POPLAR (SUB-DISTRICT).

1st Feb.	In Ashton Street.	Unknown.	Female, about 5 days.	Died from disease, the nature of which was not ascertained. P.M. Inquest.
6th Feb.	River Thames foreshore near Pierhead, Mill-wall.	Unknown.	Male. Newly born.	Hæmorrhage from umbilical cord and want of attention at birth. P.M. Inquest.
23rd April.	Limehouse Basin West India Dock.	Widow of Brick-layer.	Female, 89.	Senectus. Syncope.
20th April.	River Thames.	Marine engineer of Kingussie, Inverness.	Male, 32.	Found drowned. Open verdict. Inquest.

BROMLEY (SUB-DISTRICT).

20th Sept.	Bow Cemetery.	Unknown.	Female. Newly born.	Atelectasis. Natural cause. Inquest.
2nd Oct.	Poplar Hospital.	Merchant sea-man. Homeless.	Male, 49.	Phthisis. Bronchiectasis.
20th Oct.	Poplar Hospital.	Engine fitter, of Carnoustie, Scotland.	Male, 30.	Burst of gas engine. Fractured pelvis. P.M. Accidental. Inquest.

BOW (SUB-DISTRICT).

19th Sept.	In street, Mal-mesbury Road.	Unknown.	Female. Newly born.	Atelectasis. Natural cause. Inquest.
------------	------------------------------	----------	---------------------	--------------------------------------

TABLE IV.
Vital Statistics of Whole District during 1922 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	
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
1921	...	164,100	4117	4478	27·2	2107	12·8	431	414	374	83	2090	12·7
1922	...	165,700	3990	4417	26·6	2396	14·4	480	456	349	79	2372	14·3

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

TABLE V.

Vital Statistics during 1922 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
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	14·73
1921	... 57,470	1437	1572	27·3	392	6·82	19	354	151	96	727	12·65
1922	... 58,038	1426	1602	27·6	540	9·30	57	383	137	85	866	14·92

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

*† See notes, page 22.

TABLE VI.

Vital Statistics during 1922 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
1917 ...	{ 57,432 64,019	1488	1533	23·9	2030	35·3	1278	211	149	97	96	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
1921 ..	66,020	1719	1861	28·1	1469	22·2	750	153	131	70	872	13·20
1922 ...	66,673	1708	1873	28·1	1573	23·6	824	184	139	74	933	13·99

Area of Sub-District in }
 acres (land and inland } 605·8
 water) ... }
 Total population at all ages ... 65,226 }
 Number of inhabited houses ... 8,721 } At
 Average number of persons per house 7·47 } Census
 Total families or separate occupiers ... 14,256. } of 1911.

*† See notes, page 22.

TABLE VII.

Vital Statistics during 1922 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	
1917	...	{ 36,185 40,336	823	867	21·4	265	7·3	4	278	80	92	539	14·8
1918	...	{ 35,198 39,438	685	732	18·5	415	11·7	2	361	74	101	774	21·9
1919	...	{ 38,757 40,372	810	865	21·4	277	7·14	4	260	76	87	533	13·75
1920	...	{ 40,293 40,337	1235	1322	32·7	323	8·01	2	282	120	90	603	14·96
1921	...	40,610	961	1045	25·7	246	6·05	6	251	92	88	491	12·09
1922	...	40,989	856	942	22·9	283	6·90	2	292	73	77	573	13·97

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

*† See notes, page 22.

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 "Diarrhoea" and "Enteritis" are included deaths registered as due to Epidemic diarrhoea, Epidemic enteritis, Infective enteritis, Zymotic enteritis, Summer diarrhoea, Choleraic diarrhoea, 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 1922.

Causes of Death (see page 26).		Net Deaths in whole Borough at subjoined Ages.										Net Deaths in Public Institutions and certain localities within and outside Borough (at all ages) belonging thereto.						Net 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	2372 349	192	174	91	91	256	538	681	80	588	...	2	48	16	456	1190	
1	Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Small Pox	16	...	...	2	...	1	1	4	8	...	...	...	...	...	16	16
3	Measles	62	12	25	25	...	...	...	...	...	...	14	...	...	...	7	21
4	Scarlet Fever	7	1	1	5	...	...	...	...	...	...	1	...	...	...	6	7
5	Whooping Cough	88	20	41	26	1	...	...	...	...	...	22	...	...	...	8	30
6	Diphtheria and Croup	62	2	12	27	21	...	...	...	...	...	9	...	...	...	53	62
7	Influenza	86	5	6	6	3	2	16	26	22	3	4	...	...	...	8	15
8	Erysipelas	5	...	1	...	...	...	...	1	3	...	4	...	...	...	1	5
9	Phthisis (Pulmonary Tuberculosis)	195	3	2	8	9	38	74	56	5	2	52	...	...	3	47	104
10	Tuberculous Meningitis	12	2	2	3	4	...	1	...	...	...	...	...	...	...	8	8
11	Other Tuberculous Diseases	17	...	1	2	2	2	5	3	2	...	7	...	...	...	8	15
12	Cancer, malignant disease	190	...	1	...	...	1	14	91	83	9	68	...	...	4	30	111
13	Rheumatic Fever	6	1	...	...	...	1	1	1	2	...	...	...	...	...	2	2
14	Meningitis	18	6	1	2	7	...	21	65	94	13	37	...	...	...	1	...
15	Organic Heart Disease	197	...	1	...	...	9	2	...	...	...	...	...	...	...	1	...
16	Bronchitis	324	20	20	14	3	2	18	97	141	28	94	...	1	...	...	14
17	Pneumonia (all forms)	260	68	58	36	6	8	20	28	36	5	63	...	...	9	1*	22
18	Other diseases of respiratory organs	20	3	...	1	...	1	1	7	7	1	1	...	...	...	...	4
19	Diarrhoea and Enteritis	28	21	3	2	...	...	1	1	...	...	3	...	...	2	...	12
20	Appendicitis and Typhlitis	16	...	...	...	5	4	4	3	...	...	6	...	...	...	...	7
21	Cirrhosis of Liver	8	...	...	...	1	...	2	2	3	...	3	...	...	...	...	1
21a	Alcoholism	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Nephritis and Bright's Disease	49	...	1	...	2	2	5	20	19	2	19	...	...	...	...	...
23	Puerperal Fever	3	...	...	...	...	...	3	...	...	...	2	...	...	1	...	10
24	Other accidents and diseases of Pregnancy & Parturition	9	...	...	...	...	1	7	1	...	1	1	...	...	...	...	3
25	Congenital Debility and Malformation, including Premature Birth	140	131	4	5	...	...	...	...	...	4	22	...	...	3	...	24
26	Violent Deaths excluding Suicide	55	5	2	1	2	4	10	12	19	1	16	...	...	6	7†	15
27	Suicide	18	...	...	...	...	...	6	10	2	...	...	...	...	1	3‡	6
28	Other Defined Diseases	477	38	9	9	18	15	43	110	235	11	134	...	1	14	4§	123	
29	Diseases ill-defined or unknown	4	2	1	...	...	...	1	...	...	...	1	...	...	...	**1	2
Total Deaths		2372	349	192	174	91	91	256	538	681	80	588	...	2	48	16	456	
SUB-ENTRIES (included in above figures).																		
14	Cerebro-spinal Meningitis	5	3	...	...	2	...	...	...	...	...	1	...	...	...	...	3
17	Pneumonia	101	11	9	10	5	8	16	22	20	5	44	...	...	5	1	5
28(a)	Polioencephalitis	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	60
28(b)	Dysentery	2	...	...	...	...	1	...	...	1	...	...	...	...	...	...	2

* Bow Sub-District, 1. † River Thames, Poplar, 3. Millwall Dock, Poplar 1; Canal Dry Dock, Poplar, 1;
River Lee, Bow, 1. Highway, Bow, 1. ‡ Canal Dry Dock, Poplar, 1; River Lee, Bromley, 1; Ducketts Canal, Bow, 1.
§ River Thames, Poplar, 1; Bow Cemetery, Bromley, 1; East India Docks, Poplar, 1; Highway, Bow, 1.
** Highway, Poplar, 1.

TABLE IX.
METROPOLITAN BOROUGH OF POPLAR.

SUB-DISTRICT OF POPLAR.

Causes of, and Ages at, Death during the Year 1922

Causes of Death (see page 26).										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										866	137	49	60	36	34	86	197	267	39	172	...	2	24	7	185	429				
{ Uncertified																														
1	Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Small Pox	...	...	...	...	...	...	...	...	14	...	...	2	...	1	...	3	8	...	...	...	...	...	14	14	
3	Measles	...	...	...	...	...	...	...	...	17	4	7	6	...	...	...	...	...	1	...	...	...	...	1	2	
4	Scarlet Fever	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	
5	Whooping Cough	...	...	...	...	...	...	...	...	12	1	5	6	...	...	...	...	...	4	...	...	...	...	...	4	
6	Diphtheria and Croup	...	...	...	...	...	...	...	...	23	...	3	11	9	...	...	...	...	3	...	...	...	...	20	23	
7	Influenza	...	...	...	...	...	...	...	...	28	2	1	3	...	2	4	8	8	1	...	...	...	...	4	5	
8	Erysipelas	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	
9	Phthisis (Pulmonary Tuberculosis)	...	...	...	...	...	...	...	...	68	3	2	3	4	10	27	16	3	2	11	...	2	...	18	33	
10	Tuberculous Meningitis	...	...	...	...	...	...	...	...	3	1	...	2	...	...	...	...	...	...	...	...	...	...	2	2	
11	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	3	...	...	...	...	1	...	1	1	...	1	...	...	...	...	2	3
12	Cancer, malignant disease...	...	...	...	...	...	...	...	...	67	...	...	...	...	1	7	28	31	2	23	...	...	1	...	10	36
13	Rheumatic Fever	...	...	...	...	...	...	...	...	3	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...
14	Meningitis	...	...	...	...	...	...	...	...	12	4	...	2	5	...	...	...	...	1	...	...	...	...	...	...	...
15	Organic Heart Disease	...	...	...	...	...	...	...	...	77	...	...	...	4	3	7	27	36	6	17	...	...	1	...	7	9
16	Bronchitis	...	...	...	...	...	...	...	...	114	12	4	4	2	2	4	36	50	12	28	...	1	...	...	3	27
17	Pneumonia (all forms)	...	...	...	...	...	...	...	...	85	26	22	13	...	4	4	6	10	3	16	...	...	4	...	4	45
18	Other diseases of respiratory organs	...	...	...	...	...	...	...	...	3	...	...	...	...	...	4	2	1	...	...	...	...	4	...	8	31
19	Diarrhoea and Enteritis	...	...	...	...	...	...	...	...	13	11	1	1	...	...	...	...	...	1	...	...	...	...	...	1	2
20	Appendicitis and Typhlitis	...	...	...	...	...	...	...	...	7	...	...	...	3	1	2	1	...	...	1	...	...	1	...	6	8
21	Cirrhosis of Liver	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	2	...	4	6	
21a	Alcoholism	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...
22	Nephritis and Bright's Disease	...	...	...	...	...	...	...	...	25	...	...	...	1	1	2	9	12	2	8	...	...	1	...	3	14
23	Puerperal Fever	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1
24	Other accidents and diseases of Pregnancy & Parturition	...	...	...	...	...	...	...	...	3	...	...	...	...	...	3	...	...	...	...	...	...	...	...	2	2
25	Congenital Debility and Malformation, including Premature Birth	...	...	...	...	...	...	...	...	62	5	...	4	...	...	...	...	...	4	9	...	1	...	9	23	
26	Violent Deaths, excluding Suicide	...	...	...	...	...	...	...	...	26	1	1	...	1	2	5	6	10	1	6	...	2	...	8	21	
27	Suicide	...	...	...	...	...	...	...	...	8	...	...	...	...	...	3	4	1	...	...	...	...	...	...	4	5
28	Other Defined Diseases	...	...	...	...	...	...	...	...	185	13	2	2	7	6	15	47	93	6	40	...	1	8	...	53	109
29	Diseases ill-defined or unknown	...	...	...	...	...	...	...	...	2	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	2
Total Deaths										866	137	49	60	36	34	86	197	267	39	172	...	2	24	7	185	429				
SUB-ENTRIES (included in above figures).																														
14	Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	4	3	...	...	1	...	...	...	...	...	...	...	...	...	...	3	3
17	Pneumonia	...	...	...	...	...	...	...	...	26	4	5	2	...	4	1	4	6	3	7	...	2	...	3	15	
28(a)	Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28(b)	Dysentery	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1

* Millwall Dock, 1; River Thames, Poplar, 3.

† Canal Dry Dock, Poplar, 1.
‡ Highway, Poplar, 1.

§ River Thames, Poplar, 1.

TABLE X.
METROPOLITAN BOROUGH OF POPLAR.

SUB-DISTRICT OF BROMLEY.

Causes of, and Ages at, Death during the Year 1922.

Causes of Death (see page 26).		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	933	139	108	78	35	38	104	197	234	22	258	...	...	22	6	158	466
	Uncertified																	
1	Enteric Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Small Pox	2	...	...	...	...	...	1	1	...	...	...	...	...	...	...	2	2
3	Measles	27	4	12	11	...	...	...	...	...	...	...	...	...	...	...	4	11
4	Scarlet Fever	4	...	1	3	...	...	...	...	...	...	...	...	...	...	...	4	4
5	Whooping Cough	56	12	29	14	1	...	...	...	...	17	...	...	...	...	...	5	22
6	Diphtheria and Croup	24	1	9	8	6	...	...	...	...	6	...	...	...	...	...	18	24
7	Influenza	39	3	3	3	2	...	7	12	9	1	2	...	...	...	...	3	6
8	Erysipelas	2	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	2
9	Phthisis (Pulmonary Tuberculosis)	84	...	...	3	4	20	30	26	1	...	25	...	...	1	...	21	47
10	Tuberculous Meningitis	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
11	Other Tuberculous Diseases	9	...	1	1	1	1	4	...	1	...	4	...	...	...	...	4	8
12	Cancer, malignant disease... ..	63	...	1	...	...	...	4	30	28	3	19	...	...	...	2	12	36
13	Rheumatic Fever	2	...	...	...	...	...	1	...	...	1	...	...	...	...	...	1	1
14	Meningitis	5	1	1	...	2	...	1	...	...	...	4	...	...	...	...	...	4
15	Organic Heart Disease	67	...	1	...	3	2	7	22	32	5	10	...	...	...	...	7	22
16	Bronchitis	130	12	14	8	1	...	8	37	50	8	41	...	...	...	1	2	52
17	Pneumonia (all forms)	124	31	28	17	2	4	11	11	20	...	32	...	...	...	5	*1	44
18	Other diseases of respiratory organs	8	1	...	1	...	1	...	2	3	1	...	...	...	...	...	2	3
19	Diarrhoea and Enteritis	13	9	2	1	...	...	...	1	...	...	2	...	...	...	1	5	8
20	Appendicitis and Typhlitis	8	...	...	...	2	3	1	2	...	...	5	...	...	...	...	3	8
21	Cirrhosis of Liver	3	...	...	...	1	...	1	...	...	1	...	...	...	...	...	1	2
21a	Alcoholism ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Nephritis and Bright's Disease	19	...	1	...	...	...	2	10	6	...	10	...	...	...	...	5	15
23	Puerperal Fever	2	...	...	...	...	...	2	...	...	...	2	...	...	...	...	...	2
24	Other accidents and diseases of Pregnancy & Parturition	2	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
25	Congenital Debility and Malformation, including Premature Birth	48	45	2	1	...	...	...	...	...	...	5	...	...	...	2	...	14
26	Violent Deaths, excluding Suicide	20	1	...	1	1	1	5	3	8	...	8	...	...	...	3	†2	17
27	Suicide	8	...	...	...	...	...	2	5	1	...	...	...	...	...	1	†1	4
28	Other Defined Diseases	162	19	3	6	7	5	17	33	72	4	56	...	...	...	6	§2	108
29	Diseases ill-defined or unknown ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Deaths		933	139	108	78	35	38	104	197	234	22	258	...	...	22	6	158	466
SUB-ENTRIES (included in above figures).																		
14	Cerebro-spinal Meningitis	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	1
17	Pneumonia	52	5	3	6	2	4	10	10	12	...	25	...	...	3	1	1	30
28(a)	Ac. Polioencephalitis	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...

* Bow Sub-District, 1.

† Canal Dry Dock, Poplar, 1; River Lee, Bow, 1.

§ Bow Cemetery Bromley, 1; East India Docks, Poplar, 1.

‡ River Lee, Bromley, 1.

TABLE XI.
METROPOLITAN BOROUGH OF POPLAR.
SUB-DISTRICT OF BOW.
Causes of, and Ages at, Death during the Year 1922.

Causes of Death (see page 26).		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	573	73	35	36	20	19	66	144	180	19	158	...	...	2	3	113	295
	Uncertified																	
1	Enteric Fever	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Small Pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Measles	18	4	6	8	...	...	...	...	...	...	6	...	...	...	...	2	8
4	Scarlet Fever	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	3	4
5	Whooping Cough	20	7	7	6	...	...	...	...	...	...	1	...	...	...	...	1	4
6	Diphtheria and Croup	15	1	...	8	6	...	...	...	...	...	...	...	...	...	...	15	15
7	Influenza	19	...	2	...	1	...	5	6	5	1	2	...	...	...	...	1	4
8	Erysipelas	2	...	1	...	...	...	...	...	1	...	1	...	...	...	...	1	2
9	Phthisis (Pulmonary Tuberculosis)	43	...	...	2	1	8	17	14	1	...	16	...	...	...	...	8	24
10	Tuberculous Meningitis	7	1	2	1	2	...	1	...	...	...	...	...	...	...	...	6	6
11	Other Tuberculous Diseases	5	...	...	1	1	...	1	2	...	...	2	...	...	...	...	2	4
12	Cancer, malignant disease... ..	60	...	...	...	...	...	3	33	24	4	26	...	...	1	...	8	39
13	Rheumatic Fever	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
14	Meningitis	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
15	Organic Heart Disease	53	...	...	...	...	4	7	16	26	2	10	...	...	...	...	4	16
16	Bronchitis	80	5	2	2	...	...	6	24	41	8	25	...	...	...	...	2	35
17	Pneumonia (all forms)	51	11	8	6	4	...	5	11	6	2	15	...	...	...	...	8	25
18	Other diseases of respiratory organs	9	2	...	...	...	...	1	3	3	...	...	...	...	...	...	1	1
19	Diarrhoea and Enteritis	2	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1
20	Appendicitis and Typhlitis	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1
21	Cirrhosis of Liver	2	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	2
21a	Alcoholism ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Nephritis and Bright's Disease	5	...	...	...	1	1	1	1	1	...	1	...	...	...	...	2	3
23	Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Other accidents and diseases of Pregnancy & Parturition	4	...	...	...	...	1	3	...	...	1	1	...	...	...	...	1	3
25	Congenital Debility and Malformation, including Premature Birth	30	28	2	...	...	...	...	...	...	...	8	...	...	...	...	8	16
26	Violent Deaths, excluding Suicide	9	3	1	...	...	1	...	3	1	...	2	...	...	1	...	3	7
27	Suicide	2	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
28	Other Defined Diseases	130	6	4	1	4	4	11	30	70	1	38	...	...	...	...	32	72
29	Diseases ill-defined or unknown	2	1	...	...	...	...	1	...	...	...	...	...	...	...	...	2	2
Total Deaths		573	73	35	36	20	19	66	144	180	19	158	...	...	2	3	113	295
SUB-ENTRIES (included in above figures).																		
14	Cerebro-spinal Meningitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Pneumonia	23	2	1	2	3	...	5	8	2	2	12	...	...	...	...	1	15
28(a)	Poliomyelitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28(b)	Dysentery	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1

* Highway, Bow, 1.

† Ducketts Canal, Bow, 1.

‡ Highway, Bow, 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 26).					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	...	...	...	89	813	161	16	109	1188
	Uncertified	...	...	...	...	...	...	...	...	...
1	Enteric Fever	...	...	...	...	...	...	...	1	1
2	Small Pox	...	...	...	...	...	...	...	...	...
3	Measles	...	...	...	...	18	...	...	...	18
4	Scarlet Fever	...	...	...	...	1	...	...	...	1
5	Whooping Cough	...	...	...	...	28	...	...	...	28
6	Diphtheria and Croup	...	...	...	...	12	...	...	1	13
7	Influenza	...	...	...	3	7	6	...	...	16
8	Erysipelas	...	...	...	...	4	...	...	...	4
9	Phthisis (Pulmonary Tuberculosis)	...	...	...	2	75	7	...	3	87
10	Tuberculous Meningitis	...	...	...	...	...	...	...	...	...
11	Other Tuberculous Diseases	...	...	...	...	8	...	...	2	10
12	Cancer, malignant disease	...	...	...	10	97	12	...	6	125
13	Rheumatic Fever	...	...	...	...	...	...	...	...	...
14	Meningitis	...	...	...	...	5	...	...	3	8
15	Organic Heart Disease	...	...	...	15	50	51	...	5	121
16	Bronchitis	...	...	...	30	138	40	3	3	214
17	Pneumonia (all forms)	...	...	...	6	92	3	1	17	119
18	Other diseases of respiratory organs	...	...	...	1	5	...	...	...	6
19	Diarrhoea and Enteritis	...	...	...	...	3	...	...	2	5
20	Appendicitis and Typhlitis	...	...	...	...	7	...	...	4	11
21	Cirrhosis of Liver	...	...	...	...	3	...	...	...	3
21a	Alcoholism	...	...	...	...	1	...	...	...	1
22	Nephritis and Bright's Disease	...	...	...	2	28	5	...	2	37
23	Puerperal Fever	...	...	...	...	3	...	...	...	3
24	Other accidents and diseases of Preg- nancy and Parturition	...	...	...	1	1	...	...	...	2
25	Congenital Debility and Malforma- tion, including Premature Birth	...	...	...	4	25	...	...	5	34
26	Violent Deaths, excluding Suicide	...	...	...	1	23	2	...	22	48
27	Suicide	...	...	...	...	...	...	...	3	3
28	Other Defined Diseases	...	...	...	14	178	35	12	30	269
29	Diseases ill-defined or unknown	...	...	...	...	1	...	...	...	1
Total Deaths					89	813	161	16	109	1188
SUB-ENTRIES (included in above figures).										
14	Cerebro-spinal Meningitis	...	...	...	...	1	...	...	1	2
28a	Poliomyelitis	...	...	...	...	...	...	...	...	...
17	Pneumonia	...	...	...	6	64	2	1	5	78

TABLE XIII.

METROPOLITAN BOROUGH OF POPLAR.

WHOLE BOROUGH.

Infantile Mortality during the Year 1922.

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

Causes of Death (see page 26).				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	...	...	81	27	14	10	132	48	56	55	58	349
	{ Uncertified	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	3	2	7	12
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	1	...	1
Whooping Cough	...	...	...	...	...	...	1	1	3	5	7	4	20
Diphtheria and Croup	...	...	...	...	...	...	1	1	...	...	...	1	2
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	2	2
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	1	...	...	1	...	1	1	...	3
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	3	1	2	6
Convulsions	...	...	...	2	3	...	1	6	...	1	1	2	10
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	1	3	1	1	6	4	4	6	9	29
Pneumonia (all forms)	...	...	...	...	1	2	1	4	10	14	20	20	68
Diarrhoea	...	...	...	...	...	...	1	1	2	2	2	...	7
Enteritis	...	...	...	...	1	...	...	1	7	2	2	2	14
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	1	...	1	1	1	...	...	3
Injury at birth	...	...	...	1	...	...	...	1	...	...	...	...	1
Atelectasis	...	...	...	6	...	...	...	6	...	...	...	...	6
Congenital Malformations	...	...	...	12	5	...	...	17	3	2	1	...	23
Premature birth	...	...	...	45	8	8	2	63	5	3	...	...	71
Atrophy, Debility and Marasmus	...	...	...	12	1	2	2	17	7	8	4	1	37
Other Causes	...	...	...	2	4	...	...	6	6	7	7	8	34
Total Deaths	...	...	...	81	27	14	10	132	48	56	55	58	349

Nett Births { Legitimate ... 4,323* Nett Deaths { Legitimate infants ... 338
in the year { Illegitimate ... 96* in the year of { Illegitimate infants ... 11

Medical Officer of Health's figures—Legitimate, 4,323; Illegitimate, 94; total, 4,417.

* Registrar-General.

TABLE XIV.
METROPOLITAN BOROUGH OF POPLAR.

POPLAR SUB-DISTRICT

Infantile Mortality during the Year 1922.

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

Causes of Death (see page 26).				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	...	...	36	10	6	3	55	18	27	20	17	137
	Uncertified	...	...								
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	1	1	2	4
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	1	...	...	1
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	1	1
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	1	...	...	1	...	1	1	...	3
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	2	1	1	4
Convulsions...	...	...	...	1	1	...	...	2	...	1	1	1	5
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	2	...	...	2	2	1	3	4	12
Pneumonia (all forms)	...	...	...	...	...	...	1	1	6	6	8	5	26
Diarrhoea	...	...	...	...	...	...	1	1	2	1	1	...	5
Enteritis	...	...	...	...	...	...	...	...	2	2	1	1	6
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	...	...	...	1	...	...	1
Injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	...	...	...	4	1	...	...	5	2	...	...	...	7
Premature birth	...	...	...	20	4	5	1	30	1	1	...	...	32
Atrophy, Debility and Marasmus	...	...	...	9	...	1	...	10	2	6	1	...	19
Other Causes	...	...	...	2	1	...	...	3	1	3	2	2	11
Total Deaths	...	...	...	36	10	6	3	55	18	27	20	17	137

Nett Births (Legitimate .. 1,551 Nett Deaths (Legitimate infants .. 131
in the year (Illegitimate .. 51 in the year of (Illegitimate infants .. 6

TABLE XV.

METROPOLITAN BOROUGH OF POPLAR.

BROMLEY SUB-DISTRICT.

Infantile Mortality during the Year 1922.

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

Causes of Death (see page 26).				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	...	...	32	10	5	5	52	18	21	22	26	139
	Uncertified	...	...								
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	2	1	1	4
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	1	1	1	4	4	2	12
Diphtheria and Croup	...	...	...	...	...	...	1	1	...	...	...	...	1
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	1	...	...	1
Convulsions	...	...	...	1	1	...	1	3	...	...	...	1	4
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	1	1	...	...	2	2	3	1	4	12
Pneumonia (all forms)	...	...	...	...	...	2	...	2	2	5	9	13	31
Diarrhoea	...	...	...	...	...	...	...	...	...	...	1	...	1
Enteritis	...	...	...	...	1	...	...	1	5	...	1	1	8
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	1	...	1	...	...	...	...	1
Injury at birth	...	...	...	1	...	...	...	1	...	...	...	...	1
Atelectasis	...	...	...	5	...	...	...	5	...	...	...	...	5
Congenital Malformations	...	...	...	5	3	...	...	8	...	...	1	...	9
Premature birth	...	...	...	17	1	1	...	19	3	2	...	...	24
Atrophy, Debility and Marasmus	...	...	...	2	1	1	2	6	3	2	1	...	12
Other Causes	...	...	...	...	2	...	...	2	2	2	3	4	13
Total Deaths	...	...	...	32	10	5	5	52	18	21	22	26	139

Nett Births { Legitimate ... 1,842
in the year { Illegitimate ... 31

Nett Deaths { Legitimate infants ... 136
in the year of { Illegitimate infants ... 3

TABLE XVI.

METROPOLITAN BOROUGH OF POPLAR.

BOW SUB-DISTRICT.

Infantile Mortality during the Year 1922.

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

Causes of Death (see page 26).				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 ...	...	13	7	3	2	25	12	8	13	15	73
		Uncertified ...	...									
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	4	4
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	1	...	1
Whooping Cough	...	...	...	...	...	...	...	...	2	...	3	2	7
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...	1	1
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	1	1
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	1	1
Convulsions	...	...	...	...	1	...	...	1	...	...	...	...	1
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	1	1	2	...	...	2	1	5
Pneumonia (all forms)	...	...	...	...	1	...	...	1	2	3	3	2	11
Diarrhoea	...	...	...	...	...	...	...	...	...	1	...	...	1
Enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	...	...	1	...	...	...	1
Injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	1	...	...	...	1	...	...	...	...	1
Congenital Malformations	...	...	...	3	1	...	...	4	1	2	...	...	7
Premature birth	...	...	...	8	3	2	1	14	1	...	...	...	15
Atrophy, Debility and Marasmus	...	...	...	1	...	...	...	1	2	...	2	1	6
Other Causes	...	...	...	...	1	...	...	1	3	2	2	2	10
Total Deaths	...	...	...	13	7	3	2	25	12	8	13	15	73

Nett Births in the year	{	Legitimate ...	930	Nett Deaths in the year	{	Legitimate infants ...	71
		Illegitimate ...	12			Illegitimate infants ...	2

TABLE XVII. (1922).

CITIES AND BOROUGHES.	Estimated population to the middle of 1922.	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	4,534,230	.	21.0	?	13.4	74
<i>West Districts.</i>						
Paddington	145,300	.	18.79	0.68	12.99	69
Kensington	179,100	.	17.6	0.97	13.6	82
Hammersmith	134,400	.	20.5	1.17	12.9	71
Fulham	159,500	.	20.3	0.93	12.1	69
Chelsea	63,920	.	16.1	0.78	13.3	66
City of Westminster	139,389	.	13.4	0.4	12.9	54
<i>North Districts.</i>						
St. Marylebone	105,200	.	15.9	0.88	13.7	68
Hampstead	86,920	.	14.8	0.49	11.1	56
St. Pancras	212,500	.	21.5	1.19	14.6	74
Islington	333,900	.	22.47	1.05	13.82	77
Stoke Newington	*52,590	.	17.8	?	13.6	66
Hackney	225,400	.	21.0	0.68	12.7	72
<i>Central Districts.</i>						
Holborn	42,850	.	16.9	0.3	13.2	66
Finsbury	76,840	.	25.2	1.29	16.3	82
City of London	13,363	.	11.1	0.59	14.1	61
<i>East Districts.</i>						
Shoreditch	105,800	.	27.9	1.7	16.3	102
Bethnal Green	118,400	.	25.2	2.16	15.3	90
Stepney	252,170	.	23.8	1.32	13.8	79
Poplar	165,700	.	26.65	1.58	14.31	79
<i>South Districts.</i>						
Southwark	187,220	.	24.4	2.2	15.5	79
Bermondsey	*120,500	.	27.0	?	17.0	101
Lambeth	307,000	.	20.8	0.8	13.6	58
Battersea	169,200	.	21.67	1.13	13.6	69
Wandsworth	*331,500	.	16.6	?	11.2	61
Camberwell	*269,600	.	21.5	?	13.4	78
Deptford	114,100	.	23.1	1.38	13.8	74
Greenwich	101,930	.	21.0	0.86	12.92	56
Lewisham	176,600	.	18.16	0.52	11.14	54
Woolwich	138,254	.	21.3	0.69	11.6	62

* These provisional figures are taken from a table furnished by the Registrar General. Other figures supplied by Medical Officer of Health of borough concerned.

The following death rates for the year 1922 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	...	...	...	...	14.31	79†
Poplar (Sub-District)	...	...	...	...	14.92	85
Bromley	...	...	...	...	13.99	74
Bow	...	...	...	...	13.97	77
*England and Wales	...	...	...	...	12.9	77
*105 Great Towns†	...	...	...	...	13.0	82
*155 Smaller Towns	...	...	...	...	11.7	75
*London	...	...	...	...	13.4	74
Liverpool	...	...	...	...	14.6	96
Manchester	...	...	...	...	14.2	96
Edinburgh	...	...	...	...	15.2	91
Glasgow	...	...	...	...	17.2	120
*Dublin (City)...	...	...	...	...	17.0	116
Belfast	...	...	...	...	14.8	94

* Provisional figures furnished by the Registrar-General.

† See Footnote ** page 8.

‡ Including London.

TABLE XVIII

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1922.

	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† ...	20.6	12.9	0.01	0.00	0.15	0.04	0.16	0.11	0.54	0.44	6.2	77	25.6	92.7	6.2	1.1	
105 County Boroughs and Great Towns, including London†	21.4	13.0	0.01	0.00	0.22	0.05	0.19	0.13	0.56	0.41	7.6	82	32.9	92.6	6.7	0.7	
155 Smaller Towns (ad- justed Populations 20,000-50,000)†	20.5	11.7	0.01	0.00	0.10	0.03	0.15	0.09	0.58	0.25	5.6	75	16.9	93.6	5.1	1.3	
London†	21.0	13.4	0.01	0.00	0.35	0.07	0.25	0.25	0.57	0.45	7.1	74	48.7	92.1	7.8	0.1	
Poplar Borough ...	26.65	14.3	0.00	0.09	0.37	0.04	0.53	0.37	0.51	0.44	5.43	79	49.5	91.3	8.7	0.0	
Poplar Sub-District ...	27.60	14.9	0.00	0.24	0.29	0.01	0.20	0.39	0.48	0.58	7.49	85	48.7	90.5	9.5	0.0	
Bromley	28.09	13.9	0.00	0.03	0.40	0.06	0.83	0.35	0.58	0.42	5.87	74	49.3	90.7	9.3	0.0	
Bow	22.98	13.9	0.00	0.00	0.43	0.04	0.48	0.36	0.46	0.26	1.06	77	50.9	93.6	6.4	0.0	

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

† Provisional figures for England and Wales, 105 Great Towns, 155 Smaller Towns and London.

TABLE XIX.
METROPOLITAN BOROUGH OF POPLAR.

BOROUGH OF POPLAR.

Cases of Infectious Disease notified during the Year 1922.

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 ...	51	1	2	1	2	17	15	13	43	8	...	51	43	8	...	51
Cholera (C), Plague (P) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (includ- ing Membranous Croup) ...	626	17	251	281	54	22	1	...	217	292	117	626	214	287	115	*616
Erysipelas...	69	1	5	7	6	11	26	13	20	31	18	69	9	15	8	†32
Scarlet Fever ...	415	5	150	217	34	8	1	...	111	181	123	415	103	173	119	‡395
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	10	...	2	2	3	2	1	...	6	4	...	10	6	4	...	¶10
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever...	1	...	...	...	1	...	...	...	...	1	...	1	...	1	...	1
Puerperal Fever ...	16	...	...	...	4	12	...	...	4	10	2	16	3	9	1	§13
Cerebro-Spinal Meningitis ...	5	3	...	2	...	...	...	...	4	1	...	5	3	1	...	**4
Acute Poliomyelitis and Acute Polio- encephalitis ...	3	...	2	1	...	...	...	...	1	2	...	3	...	1	...	††1
Acute Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neo- natorum ...	36	36	...	...	...	...	...	...	14	8	14	36	2	1	...	3
Pulmonary Tuber- culosis ...	372	1	11	43	79	160	73	5	150	140	82	372	...	...	...	...
Other forms of Tuberculosis ...	118	3	26	39	17	21	8	4	50	40	28	118	...	...	...	...
Zymotic Enteritis ...	85	17	10	3	4	4	6	31	48	31	6	85	...	...	...	...
Anthrax ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trench Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms)...	594	73	222	67	36	93	57	46	181	272	141	594	...	...	...	...
Malaria ...	6	...	...	...	1	5	...	...	...	5	1	6	...	...	...	...
Dysentery...	2	...	...	...	...	2	...	...	2	...	...	2	2	...	...	2
Totals ...	2409	157	691	663	241	357	188	112	851	1026	532	2409	385	500	243	1128

* See page 63. † See page 60. ‡ See page 60. ¶ See page 61. § See page 59.

** See page 67. †† See page 67.

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

Cases of Infectious Disease notified during the Year 1922.

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	43	1	2	...	1	11	15	13	43		
Cholera, Plague ... ..	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	217	5	83	107	18	3	1	...	214*		
Erysipelas	20	...	2	2	...	3	8	5	9†		
Scarlet Fever	111	2	36	58	12	3	...	...	103
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...
Enteric Fever	6	...	...	1	2	2	1	...	6¶
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...
Puerperal Fever	4	...	...	...	...	4	...	...	3‡
Cerebro-Spinal Meningitis ...	4	3	...	1	...	...	...	...	3**
Acute Poliomyelitis	1	...	1	...	...	...	...	...	...
Acute Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	14	14	...	...	...	...	...	...	2
Pulmonary Tuberculosis ...	150	1	3	18	34	63	31	...	...
Other forms of Tuberculosis ...	50	3	12	16	6	10	3	...	...
Zymotic Enteritis	48	6	7	3	1	1	3	27	...		
Anthrax ... ..	...	...	...	...	...	...	...	...	...
Trench Fever ... ..	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ...	181	27	84	14	14	20	13	9	...		
Malaria ... ..	...	...	...	...	...	...	...	...	...
Dysentery	2	...	...	...	...	2	...	...	2
Totals	851	62	230	200	88	122	75	54	385		

* See page 63.

† See page 60.

‡ See page 60.

¶ See page 61.

§ See page 59.

** See page 67.

TABLE XXI.
METROPOLITAN BOROUGH OF POPLAR.

BROMLEY SUB-DISTRICT.

Cases of Infectious Disease notified during the Year 1922.

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	8	...	...	1	1	6	...	...	8
Cholera, Plague ... ..	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	292	9	121	130	24	8	...	...	287*
Erysipelas	31	1	1	3	5	4	11	6	15†	
Scarlet Fever	181	1	73	86	16	5	...	...	173‡
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...
Enteric Fever	4	...	2	1	1	...	...	...	4¶
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...
Continued Fever	1	...	...	...	1	...	...	...	1
Fuerperal Fever	10	...	...	...	3	7	...	...	9§
Cerebro-Spinal Meningitis ...	1	...	...	1	...	...	...	...	1*
Acute Poliomyelitis	2	...	1	1	...	...	...	...	1†
Acute Encephalitis Lethargica	...	...	...	...	...	...	...	...	...
Polioencephalitis ... ..	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	8	8	...	...	..	..	...	...	1
Pulmonary Tuberculosis ...	140	...	8	16	28	60	24	4	...	
Other forms of Tuberculosis	40	...	7	15	8	7	2	1	...	
Zymotic Enteritis	31	8	12	...	3	3	3	2	...	
Anthrax ... ..	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ...	272	37	90	34	14	45	26	26	...	
Malaria	5	...	...	...	1	4	...	...	...
Dysentery ... ..	...	...	...	...	...	...	...	...	...
Totals	1,026	64	315	288	105	149	66	39	500	

* See page 63. † See page 60. ‡ See page 60. ¶ See page 61. § See page 59.

** See page 67. †† See page 67.

TABLE XXII.
METROPOLITAN BOROUGH OF POPLAR.
BOW SUB-DISTRICT.

Cases of Infectious Disease notified during the Year 1922.

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 ... ..	...	...	...	...	...	...	...	...	...
Cholera, Plague ... ..	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	117	3	47	44	12	11	...	...	*115
Erysipelas	18	...	2	2	1	4	7	2	†8	
Scarlet Fever	123	2	41	73	6	...	1	...	‡119	
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...
Enteric Fever ... ..	...	...	...	...	...	...	...	...	...
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...
Puerperal Fever	2	...	...	...	1	1	...	...	§1
Cerebro-Spinal Meningitis ... ..	...	...	...	...	...	...	...	...	...
Acute Encephalitis Lethargica ... ..	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	14	14	...	...	...	...	...	...	...
Pulmonary Tuberculosis	82	...	...	9	17	37	18	1	...
Other forms of Tuberculosis	28	...	7	8	3	4	3	3	...	
Zymotic Enteritis	6	3	1	...	...	...	...	2	...
Anthrax ... ..	...	...	...	...	...	...	...	...	...
Pneumonia (all forms)	141	9	48	19	8	23	18	11	...	
Malaria... ..	1	...	...	...	...	1	...	...	...
Dysentery ... ..	...	...	...	...	...	...	...	...	...
Totals	532	31	146	155	48	86	47	19	243	

* See page 63. † See page 60. ‡ See page 60. ¶ See page 61. § See page 59.

** See page 67.

ZYMOTIC DISEASES.*

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

NOTIFICATIONS.

There were 406 notifications of infectious diseases in Poplar, 530 in Bromley, and 260 in Bow, making a total of 1,196 for the Borough of Poplar ; these do not include 47 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.
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
1921	..	14.30	..	13.04	..	13.07	..	13.49
1922	..	6.99	..	7.94	..	6.34	..	7.21

Corrected number of notifications and rates—

Poplar	...	...	406	—	31	=	375 or 6.46	per 1000 living.
Bromley	...	...	530	—	34	=	496 or 7.43	„
Bow	...	...	260	—	30	=	230 or 5.61	„
Borough of Poplar	1,196	—	95	=	1,101	or 6.64	„	

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

Of the 406 patients notified in Poplar, 381 were removed to hospitals and institutions; of the 530 in Bromley 499 were isolated, and of the 260 in Bow 243 were removed, so that of a total of 1,196 notifiable diseases in the Borough 1,123 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.	Smallpox	Puerperal Fever.	Ophthalmia Neonatorum.	Zymotic Enteritis.	Pneumonia (all forms).	Diphtheria.	Erysipelas.	Scarlet Fever.	Smallpox	Puerperal Fever.	Zymotic Enteritis.	Pneumonia (all forms).
Poplar Institution	65	..	1	..	37	..	..	27	..	..	1*	..	37	..	13*	..
St. Andrew's Hospital ..	11	5§	..	4§	1	..	..	1	..	**	5	..	4**	1	..	..
Bow Institution..	1	..	..	..	..	..	..	..	1§	..	..	..	..	..	..	..
Bromley House Institution ..	1	..	1	..	..	..	..	..	..	1*	..	..	..	..	..	..
Langley House, 54, East India Dock Road ..	1	1	..	..	..	..	..	..	..	**	1	..	..	..	..	..
Poplar Hospital..	2	2§	..	..	..	..	..	..	..	2	..	..	..	..	..	..

* Admitted into St. Andrew's Hospital.

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

§ Staff.

INFECTIOUS DISEASES IN MILKSHOPS AND HOMEWORKERS' PREMISES.

No cases of infectious disease were connected with milkshops.

Twelve premises with outworkers were connected with infectious cases notified: 2 (1 scarlet fever and 1 diphtheria) in Poplar, 4 (2 scarlet fever and 2 diphtheria) in Bromley, and 6 (4 scarlet fever, 1 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 Palliasses	Pillows.	Bolsters.	Various.	Totals.
Poplar	323	367	140	1,068	383	7,576	9,534
Bromley	457	432	153	1,309	524	5,714	8,132
Bow	221	213	86	621	262	2,661	3,843
Totals	1,001	1,012	379	2,998	1,169	15,951	21,509
Miscellaneous	82	1,132	36	1,343	44	2,905	5,460
Totals	1,083	2,144	415	4,341	1,213	18,856	26,969
Pulmonary Tuberculosis	388	27	4	74	31	312	448
Totals	1,471	2,171	419	4,415	1,244	19,168	27,417

Other articles also passed through the Council's apparatus, from the Shelter, Glaucus Street, disinfectors' clothing, overalls, drop-sheets, etc., to the number of 13,406 and 25,915 articles of clothing from verminous persons were disinfected

Making a total of 66,738 articles

A large quantity of bon-bons were destroyed at the Council's apparatus from premises where a case of scarlet fever had occurred.

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, 1922, AND EXPENDITURE, FOR YEAR ENDED 31ST MARCH, 1922, AVERAGE EXPENDITURE FOR THREE YEARS ENDED 31ST MARCH, 1922, ESTIMATE FOR YEAR ENDING 31ST MARCH, 1923, AND FOR YEAR ENDING 31ST MARCH, 1924 ; SPRAYING AND CLEANSING FLOORS OF LONDON COUNTY COUNCIL SCHOOLS WITH ELECTROLYTIC DISINFECTING FLUID ; SWIMMING BATHS, THE USE THEREIN OF THE ELECTROLYTIC FLUID.

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 1922 was as follows :—

				Manufactured Gallons.	Broken down to Gallons and Distributed.
January	..	..		3,810	7,620
February	..	..		3,150	6,300
March	..	..		4,260	8,520
April	..	..	..	3,540	7,080
May	..	..	..	5,400	10,800
June	..	..	..	5,790	11,580
July	..	..	..	5,295	10,590
August	..	..	..	6,225	12,450
September	..	..	..	5,415	10,830
October	..	..	..	5,250	10,500
November	..	..	..	4,665	9,330
December	..	..	..	3,720	7,440
Total	..	..		56,520	113,040

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	..	..	59,299 $\frac{1}{2}$	gal'ons
2.	Bickmore Street Depot	..	..	10,500	..
3.	Old Ford Road Depot	..	..	8,832	..
4.	Ford Road Depot	..	..	5,040	..
5.	Trego Road Depot	..	..	4,425	..
6.	Stebondale Street Depot	..	..	4,590	..
7.	Millwall Depot	..	..	816	..
8.	Public Health Offices	..	..	159	..
9.	Poplar Baths	..	..	4,048	..
10.	Bow Baths	..	..	3,689 $\frac{1}{2}$	..
11.	Island Baths	..	..	1,006	..
12.	Violet Road Baths	..	..	204	..
13.	Wick Lane Baths	..	..	204	..
14.	Poplar Town Hall	..	..	105	..
15.	Bromley Public Hall	..	..	537	..
16.	Works Department	..	..	60	..
17.	Guardians' Offices	..	..	504	..
18.	Poplar Union Workhouse	..	..	2,237	..
19.	Langley House..	..	..	273	..
20.	Poplar Training School, Hutton	..	..	60 $\frac{1}{2}$	..
21.	Public Libraries	..	..	312	..
22.	Used at Council's Shelter in baths of verminous persons	..	..	693	..
23.	London County Council Schools	..	..	2,298	..
24.	Mortuary, High Street, Poplar	..	..	384	..
25.	Borough of Poplar Dispensary	..	..	45	..
26.	Royal College of St. Katharine	..	..	204	..
27.	Private Firms in Boreugh	..	..	1,316	..
28.	Council Offices, Poplar	..	..	342	..
29.	Kingsley Hall	..	..	126	..
30.	Bow War Pensions Office	..	..	468	..
31.	North Poplar Clinic	...	...	99	..
32.	Howrah House Convent	..	..	151 $\frac{1}{2}$	..
33.	Bow Church Institute	..	..	12	..
Total				113,040	..

COST OF MATERIAL AND ELECTRICITY.

The cost of material and electricity in manufacturing 56,520 (strong) gallons of the electrolytic fluid was as follows:—

	£	s.	d.
Electricity, 12,210 units at 1½d. per unit (with 50-85 per cent. advance)	119	13	9
*Chloride of Magnesium, 8 tons 1 cwt. 2 qrs. 5 lb.	91	14	3
*Salt, 11 tons 2 cwt. 2 qrs.	47	4	0
*Caustic Soda, 12 cwt.	24	1	10
Water	3	0	0
<hr/>			
Total cost of materials and electricity to produce 56,520 gallons (strong) broken down to 113,040 gallons.. .. .	£285	13	10
Electric motor for stirring: 321 units ..	3	0	2

BOTTLES, CORKS AND LABELS.

Bottles	..	..	..	..	..	..	22	10	5
Corks	..	..	..	..	..	..	12	10	3
Labels	..	.	.	..	..	..	—
							<hr/>		
							£35	0	8
<hr/>									

Total quantity of water used for all purposes, 245,000 gallons, cost £12 19s. 10d.

TOTAL QUANTITY MANUFACTURED SINCE INSTALLATION OF PLANT.

Since the installation of the plant, a period of 17 years, 684,609 gallons of fluid have been manufactured (see footnote page 54) at a cost for electricity of £1,023 15s. 9½d., and materials of £1,324 12s. 6d.

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

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†
1921 ..	51,330†	220	7	10†	134	18	8†	355	6	6†
1922 ..	56,520†	166	0	1	119	13	9	285	13	10†
Total		684,609	£1,324	12 6	£1,023	15 9½	£2,348	8 3½		

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.

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

† 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
1921	...	...	...	...	...	...	102,660
1922	...	...	...	...	...	...	113,040

ESTIMATE FOR THE YEAR ENDED 31ST MARCH, 1922, AND EXPENDITURE FOR YEAR ENDED 31ST MARCH, 1922,
AVERAGE EXPENDITURE FOR THREE YEARS ENDED 31ST MARCH, 1922, ESTIMATE FOR YEAR ENDED 31ST MARCH,
1923, AND FOR YEAR ENDING 31ST MARCH, 1924.

Electrolytic Disinfectant.	Estimate for year ended 31st March, 1922.		Expenditure for year ended 31st March, 1922.		Average Expenditure for 3 years ended 31st March, 1922.		Estimate for year ending 31st March, 1923.		Estimate for year ending 31st March, 1924.		No.
	£	£	£	£	£	£	£	£	£	£	
1 Wages (Manufacturing, bottling & delivery to Depots, Guardians' Institutions and Sick Asylums)	650		915		807		940		888		1
2 Rent, Rates and Insurance—Main Depot	80		85		116		189		85		2
3 Supervision of Plant	15		15		15		15		15		3
4 Electricity and Water	120		136		126		135		130		4
5 Materials (Chemicals)	145		229		182		190		200		5
6 Bottles, Corks, Wax, Labels and Paste	50		49		54		80		50		6
7 Sundries (including Testing Apparatus and Carboys) ...	60		76		62		60		60		7
8 Repairs—Depot... ..	100		169		169		100		150		8
9 Repairs—Plant	—		—		—		—		20		9
	—1220		—1674		—1531		—1709		—1598		
10 Issuing—Wages—(Old Ford Road, Trego Road, Ford Road, Bickmore Street, West Ferry Road, and Stebondale Street Depots)	624		686		612		678		644		10
11 Issuing—Cartage	60		112		93		120		112		11
12 Rent—Issuing Depots (Ford Road, Trego Road and Stebon- dale Street)	32		23		28		31		32		12
13 Sundries and Petty Expenses	38		17		22		22		22		13
	—754		—838		—755		—851		—810		
	1,974		2,512		2,286		2,560		2,408		
14 Less—Sale of Fluid	40		30		31		30		30		14
	1,934		2,482		2,255		2,530		2,378		

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

2,298 gallons were supplied to nine 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. 4,048 gallons were supplied to the Poplar Baths, 3,689½ gallons to the Bow Baths, and 1,006 gallons to the Island Baths, making a total of 8,743½ gallons.

**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.
1922.		£ s. d.
March	793	50 0 0
June	484	37 16 0
September	327	29 19 0
December	176	16 1 0
Totals	1,780	£133 16 0

676 verminous school children (70 boys and 606 girls) belonging to the Borough, and 222 school children (23 boys and 199 girls) residing outside the Borough were bathed and their clothes were disinfested.

861 children (388 boys and 481 girls) and 64 adults (41 male and 23 female) suffering from scabies were similarly dealt with.

Miss Tattersall made 414 visits in connection with verminous school children—194 Poplar, 198 Bromley, and 22 Bow.

Cleansing of Verminous Rooms, see page 89.

ITCH CASES.

Miss Tattersall made 118 visits in connection with children suffering from itch—41 Poplar, 57 Bromley, and 20 Bow.

CLEANSING OF PERSONS ACT, 1897.

During the year 62 persons (36 men and 26 women—including 28 (14 men and 14 women) 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 6,474 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 FROM COMMON LODGING HOUSES.
WITHIN AND WITHOUT BOROUGH

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, 1922.

Common Lodging House, etc.	Male.	Female.	Total.
215, Bow Road	8	—	8
St. James' Chambers, 217, High Street, Poplar	5	—	5
65, Bow Lane	—	—	—
	13	—	13
From Common Lodging Houses without Borough of Poplar—			
Whitechapel	1	14	15
	1	14	15

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.

No cases of this disease occurred.

LONDON NOTIFICATION OF GLANDERS ORDER, 1907.

No 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 26 as to what diseases are included under Puerperal Fever.

NUMBER OF CASES.

Sixteen cases of puerperal fever were notified:—4 Poplar, 10 Bromley, and 2 Bow.

REMOVALS.

	Poplar.	Bromley.	Bow.	Totals.
M.A.B. Hospitals	—	2	1	3
St. Andrew's Hospital ...	1	5	—	6
London Hospital	1	2	—	3
Queen Mary's Hospital ...	1*	—	—	1
	—	—	—	—
	3	9	1	13
	—	—	—	—

DEATHS.

Three patients died—1 Poplar, 2 Bromley, and 0 Bow.

SMALL-POX.

51 cases of small-pox were notified. 2 of the notified cases were reported to be not suffering from small-pox, as also was one doubtful case which was not notified.

Sixteen deaths occurred, see Tables VIII., IX. and X.

VACCINATION.

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

Total number of certificates of successful vaccination ...	4,46 ⁴
and of persons insusceptible of vaccination... ..	Nil
	— — —

ERYSIPELAS.

69 cases of erysipelas were notified during the year : 20 Poplar, 31 Bromley, and 18 Bow. 32 patients were isolated as follows :—

	Poplar.	Bromley.	Bow.	Totals.
St. Andrew's Hospital...	9	14	7	30
London Hospital ...	—	1	1	2
	—	—	—	—
	9	15	8	32
	—	—	—	—

Five deaths occurred—1 Poplar, 2 Bromley, and 2 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.
1918	Cases notified ..	97	..	82	..	52	..	231
	Deaths	—	..	2	..	—	..	2
1919	Cases notified ..	112	..	162	..	96	..	370
	Deaths	—	..	4	..	—	..	4
1920	Cases notified ..	486	..	610	..	304	..	1,400
	Deaths	6	..	6	..	2	..	14
1921	Cases notified ..	571	..	527	..	325	..	1,423
	Deaths	—	..	7	..	6	..	13
1922	Cases notified ..	111	..	181	..	123	..	415
	Deaths	1	..	4	..	2	..	7

103 cases in Poplar (Sub-District) were removed to the Metropolitan Asylums Board's Hospitals, 173 in Bromley and 119 in Bow, 395 patients out of a total of 415 notified cases in the Borough were isolated.

CONTINUED AND TYPHUS FEVER.

One case of continued fever was notified. The patient was treated in the London Hospital. No case of typhus fever occurred.

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.
1918	..	8	..	3	..	1	..	12
1919	..	11	..	6	..	6	..	23
1920	..	9	..	5	..	3	..	17
1921	..	9	..	3	..	4	..	16
1922	..	6	..	4	..	—	..	10*

* The lowest number of cases recorded.

		1st quarter.		2nd quarter.		3rd quarter.		4th quarter.		Total.
Poplar	..	1	..	—	..	2	..	3	..	6
Bromley	..	1	..	2	..	1	..	—	..	4
Bow	..	—	..	—	..	—	..	—	..	—
		—		—		—		—		—
		2		2		3		3		10
		—		—		—		—		—

Notifications per 1,000 living:—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	0·15	..	0·04	..	0·09	..	0·09
1922	..	0·10	..	0·06	..	0·00	..	0·06

ISOLATION.

Six cases in Poplar and four in Bromley were removed to various hospitals, as follows :—

	Poplar.	Bromley.	Bow.	Borough.
Metropolitan Asylums Board's Hospitals ...	5	4	—	9
Seamen's Hospital, Greenwich	1	—	—	1
	—	—	—	—
	6	4	—	10
	—	—	—	—

ERRORS OF DIAGNOSIS.

Four cases removed to Metropolitan Asylums Board Hospitals were certified to be not suffering from typhoid fever.

DEATHS.

No patients died from typhoid fever.

BACTERIOLOGICAL EXAMINATIONS OF DOUBTFUL CASES.

Three specimens of blood from doubtful cases of typhoid fever was forwarded to the Lister Institute of Preventive Medicine. The typhoid (Widal) reaction was obtained in one instance.

DIPHTHERIA, INCLUDING MEMBRANOUS CROUP.

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

NOTIFICATIONS

Cases notified :—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1918	..	124	..	137	..	44	..	305
1919	..	93	..	128	..	99	..	320
1920	..	250	..	253	..	195	..	698
1921	..	206	..	273	..	169	..	648
1922	..	217	..	292	..	117	..	626

Notifications per 1,000 living :—

		Poplar.		Bromley.		Bow.		Borough of Poplar.
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
1921	..	3.58	..	4.13	..	4.16	..	3.94
1922	..	3.73	..	4.37	..	2.85	..	3.77

DEATHS

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

		Poplar.		Bromley.		Bow.		Borough of Poplar.	Mortality per 100 cases notified.
1918	..	8	..	16	..	7	..	31	10.16
1919	..	11	..	13	..	14	..	38	11.87
1920	..	17	..	30	..	12	..	59	8.45
1921	..	26	..	24	..	14	..	64	9.87
1922	..	23	..	24	..	19	..	62	9.90

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

BACTERIOLOGICAL EXAMINATIONS.

490 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 103 instances (21.0 per cent.)

ERRORS IN DIAGNOSIS.

Sixty-three cases of diphtheria admitted into Metropolitan Asylums Board's hospitals were certified as not having the complaint, 15 Poplar, 24 Bromley and 24 Bow.

No deductions have been made in respect of these patients.

ISOLATION.

214 cases in Poplar, 287 in Bromley, and 115 in Bow were removed to various hospitals for treatment, as follows :—

		Poplar.	Bromley.	Bow.	Total.
Metropolitan Asylums					
Board's Hospitals	...	209	274	115	598
St. Andrew's Hospital	...	5	11	—	16
London Hospital	...	—	1	—	1
East London Hospital	...	—	1	—	1
		—	—	—	—
		214	287	115	616
		—	—	—	—

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

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

WHOOPIING COUGH.

DEATHS.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1918	..	35	..	14	..	12	..	61
1919	..	12	..	12	..	—	..	24
1920	..	17	..	17	..	16	..	50
1921	..	9	..	9	..	11	..	29
1922	..	12	..	56	..	20	..	88

INFLUENZA.

DEATHS.

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1918	..	175	..	218	..	131	..	524
1919	..	51	..	50	..	38	..	139
1920	..	14	..	20	..	19	..	53
1921	..	4	..	7	..	5	..	16
1922	..	28	..	39	..	19	..	86

POPLAR (WHOLE BOROUGH).

Influenza Deaths during the Year 1922.

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 ..	..	..	..	38	2	1	3	—	1	7	14	10
Females	..	..	..	48	3	5	3	3	1	9	12	12
Totals	..	..	..	86	5	6	6	3	2	16	26	22

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 ..	..	..	..	12	—	—	1	—	1	3	3	4
Females	..	..	..	16	2	1	2	—	1	1	5	4
Totals	..	..	..	28	2	1	3	—	2	4	8	8

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 .. .. .	..	..	..	19	2	1	2	—	—	2	8	4
Females .. .. .	..	..	..	20	1	2	1	2	—	5	4	5
Totals .. .. .	..	..	..	39	3	3	3	2	—	7	12	9

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 .. .. .	..	..	..	7	—	—	—	—	—	2	3	2
Females .. .. .	..	..	..	12	—	2	—	1	—	3	3	3
Totals .. .. .	..	..	..	19	—	2	—	1	—	5	6	5

MEASLES.

DEATHS.

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

		Poplar.		Bromley.		Bow.		Borough of Poplar.
1918	..	35	..	79	..	37	..	151
1919	..	6	..	—	..	1	..	7
1920	..	3	..	12	..	18	..	33
1921	..	25	..	13	..	1	..	39
1922	..	17	..	27	..	18	..	62

Eighteen deaths (14 of which belonged to the Borough of Poplar) occurred in St. Andrew's Hospital.

For death rates see Table XVIII., page 42.

Respecting outworkers see page 50.

SPOTTED FEVER. EPIDEMIC CEREBRO-SPINAL MENINGITIS.*

NUMBER OF CASES.

Five cases occurred within the Borough—4 Poplar 1 Bromley, and 0 Bow.

ISOLATION.

	Poplar.	Bromley.	Bow.	Totals.
St. Andrew's Hospital ...	—	1	—	1
East London Hospital for Children	2	—	—	2
Queen's Hospital for Children	1	—	—	1
	—	—	—	—
	3	1	—	4
	—	—	—	—

Five patients died from Cerebro-Spinal Meningitis—4 Poplar, 1 Bromley and 0 Bow.

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

Two cases of Acute Polio-myelitis were notified (1 Poplar and 1 Bromley).

One case of Polio-encephalitis occurred in Bromley Sub-District. Patient died at home.

No case of Encephalitis Lethargica occurred.

* 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.

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.
1918	..	21	..	18	..	19	..	58	1,112*
1919	..	33	..	22	..	27	..	82	1,372*
1920	..	23	..	16	..	16	..	55	1,141*
1921	..	44	..	40	..	28	..	112	2,127*
1922	..	13	..	13	..	2	..	28	669*

DIARRHŒA,† UNDER ONE YEAR.

		Poplar.		Bromley.		Bow.		Borough
1918	..	8	..	5	..	5	..	18
1919	..	8	..	3	..	8	..	19
1920	...	5	..	7	..	4	..	16
1921	..	16	..	12	..	2	..	30
1922	..	5	..	1	..	1	..	7

* 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.
1918	..	8	..	5	..	5	..	18
1919	..	17	..	13	..	9	..	39
1920	..	12	..	5	..	9	..	26
1921	..	15	..	17	..	15	..	47
1922	..	6	..	8	..	—	..	14

DIARRHŒA AND ENTERITIS, UNDER ONE YEAR.

		Poplar.		Bromley.		Bow.		Borough.
1918	..	16	..	10	..	10	..	36
1919	..	25	..	16	..	17	..	58
1920	..	17	..	12	..	13	..	42
1921	..	31	..	29	..	17	..	77
1922	..	11	..	9	..	1	..	21

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 ..	6	8	3	17	11	9	1	21
1—5 ..	7	12	1	20	2	3	—	5
5—15 ..	3	—	—	3	—	—	—	—
15—25 ..	1	3	—	4	—	—	—	—
25—45 ..	1	3	—	4	—	—	1	1
45—65 ..	3	3	—	6	—	1	—	1
65 and upwards	27	2	2	31	—	—	—	—
<hr/>								
All ages—totals	48	31	6	85	13	13	2	28
<hr/>								

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

INQUESTS AND DEATHS FROM VIOLENCE.

Inquests and Deaths from violence during the year 1922, 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.	Classified as Violence.	Classified as Natural Causes.
POPLAR ..	57	10	35	82	34	48
BROMLEY	151	78	14	87	28	59
BOW ..	25	2	14	37	11	26
TOTALS	233	90	63	206	73	133

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 ... ..	...	3	1	1	...	...
By Vehicles and Horses ...	...	15	...	1	...	1
Ships, Boats and Docks (exclusive of drowning) ...	2	1	...	1	2	...
Building Operations ... ..	...	1	...	...	...	...
Conflagrations ... ..	...	...	...	...	...	...
Burns, Scalds and Explosions	...	8	...	...	...	1
Drowning (accidental not suicidal)	6	1	1	...	...	...
Suffocation in Bed	1	1	1	...	...	...
Poisons or Poisonous Vapours	...	...	...	...	...	...
Other and not stated Causes ...	5	21	1	3	2	1
Suicide	4	8	2	4	2	...
Murder ... ..	...	...	...	...	...	...
Anthrax... ..	...	...	...	...	...	...
Food Poisoning ... ..	...	...	...	...	...	...
TOTAL	18	59	6	9	6	3

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 :—

					Residents.	Non-Residents.
No age stated	..	..	..	..	2	—
Stillborn	..	..	..	..	2	—
Under 1	..	..	..	..	22	2
1 to 5	..	..	..	..	7	2
5 to 15	..	..	..	..	6	—
15 to 25	..	..	..	..	12	—
25 to 65	..	..	..	..	82	18
65 and upward	..	..	..	..	56	10
					—	—
Total	..	..	..	..	189	32
					—	—

CANAL BOATS.

For the year ended 31st December, 1922, 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	1	1
§ Mr. A. J. Field, Bow East Division ..	8	21
Mr. W. Boyce, Bow West Division ..	4	25
	—	—
	13	47
	—	—

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

* Mr. W. Johnson reported "Boat's cabin very dirty and not in condition for occupation and sleeping. Ventilation bad, paintwork dirty, marking not as required. Letter sent to owners."

‡ Mr. J. Johnson reported "There have been no canal boats in the West Combined section of the canal on each occasion when visited."

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

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 1922.			Number of Inspections.	Number of Intimations.	Number of Notices.	Number of Final Notices.	Number of Prosecutions.
	Male.	Female.	Total.					
Bakehouses (Factories)	27	..	27	106	28	3	..	..
Bakehouses (Workshops)	57	..	57	171	47	5	1	..
Bakehouses (Domestic Workshops)	2	..	2	6	2	..	..	..
Factories (Laundries and Miscellaneous Factories)	†	†	†	34	8	..	..	..
Laundries (Workshops)	1	5	6	33	4	3	..	..
Laundries (Domestic Workshops) .. ..	..	2	2	7	..	..	..	..
Workshops	97	123||	220||	376	57	17	2	..
Workshops (Domestic)	6	7	13	20	4	..	..	..
Workplaces	100	..	100	265	36	9	1	..
Workplaces (Domestic)	18	..	18	54	8	3	1	..
Places where food is sold or prepared ..	276§	..	276§	814*	131	14	1	..
Milk Premises ..	120	..	120	420	11	..	..	..
Cowsheds	10	..	10	51	..	..	..	..
Slaughterhouses ..	9	..	9	48	1	..	..	..
Other offensive trade premises	5§§	..	5§§	36	..	..	..	..
Ice Cream premises ..	107	..	107	252	29	6	..	..
Homeworkers' premises	55	603	658	1741	..	..	..	..

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

|| Including 24 workshops where both men and women are employed.

§ Power is used in 16 of these premises where sausages are made.

* Including inspections of all factories where food is prepared.

§§ 5 registered by the London County Council.

TABLE B.**WORKSHOPS ON REGISTER (MALE), 1922.**

17 Bootmakers	1 Metal works
1 Barge breaker	1 Printer
2 Boat builders	1 Packing case maker
1 Brush maker	2 Paint makers
2 Builders	2 Plumbers
1 Cycle maker	1 Poultry food mixer
1 Cigar maker	1 Rag sorter
2 Cork cutters	1 Rubber works
6 Confectioners	2 Tailors
3 Cooperages	2 Tarpaulin works
6 Cabinet makers	2 Skin dressers
3 Clothing makers	1 Tinsmith
4 Engineers	2 Upholsterers
11 Farriers	2 Undertakers
2 French polishers	1 Van builder
1 Frilling maker	1 Waterproof worker
1 General smith	1 Wheelwright
2 Harness makers	1 Wood chopper
1 Leather goods maker	3 Wire workers
2 Marine store dealers	1 Walking stick maker
1 Motor garage works	

As per List Table A Workshops on Register, page 72

WORKSHOPS ON REGISTER (MEN AND WOMEN EMPLOYED).

2 Cork cutters	1 Upholsterer
15 Tailors	3 Bootmakers
3 Confectioners	

TABLE B—*continued.*

DOMESTIC WORKSHOPS ON REGISTER (WHERE MEN ARE EMPLOYED).*

1 Saddler	1 Picture frame maker
1 Tailor	1 Confectioner
1 Vinegar works	1 Cycle maker and repairer

HOME WORKERS ON REGISTER (MALE)

44 Bootmakers	1 Brush maker
8 Tailors	1 Waterproof garment maker
1 Furrier	

WORKSHOPS AND DOMESTIC WORKSHOPS ON REGISTER (FEMALES).*

51 Tailors	9 Confectioners
7 Laundresses	2 Packers
7 Boot upper makers	1 Glass blower
10 Dressmakers	4 Mantle makers
2 Upholsterers	2 Paper and rag sorters
2 Cork cutters	1 Woodchopper
3 Skirt and blouse makers	1 Shirt front and collar maker
1 Waterproof garment maker	3 Trimming makers
3 Sack and bag makers	1 Corset maker
1 Shirt and pyjama maker	1 Artificial flower maker
2 Furriers	1 Horse hair sorter
1 Seal stamper	2 Toymakers
9 Milliners	1 Canewcrker
4 Tiemakers	1 Bag maker
3 Knitted garment makers	1 Rug maker

* 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.)	140	36	3	...	...
Workshops† (Including Workshop Laundries.)	580	108	23	3	...
Domestic Workshops‡	33	6	...	...	...
Workplaces (Males)	265	36	9	1	...
Domestic Workplaces (Males)	54	8	3	1	...
Places where food is sold or prepared ||	814	131	14	1	...
Homeworkers' Premises	1,741	...	...	...	...
Total	3,627	325	52	6	...

* 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 16 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	228	228	...	...
Want of ventilation	4	4	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors	2	2	...	...
Other nuisances	165	165	...	...
Sanitary accommodation. { insufficient	1	1	...	...
{ unsuitable or defec- { tive	25	25	...	...
{ not separate for { sexes	1	1	...	...
<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	426	426		...

* 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.				Falling to keep or permit inspection of lists.	Falling to send lists.							
	Lists.	Outworkers.		Lists.	Outworkers.											
		Con-tractors.	Work-men.		Con-tractors.	Work-men.										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
Wearing Apparel—																
„ Making, &c.	70	129	772	10	...	45							} 12*			
„ 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	2	...	284	...	...	...							
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	78	129	1,056	10	...	45							12*			

* For Infectious Diseases see page 50.

TABLE D.—HOME WORK.

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

Class of Homework.	1922 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 ...	43	542	45	648	303	333	417	490
Tailoring ...	32	248	32	282				
Shirtmaking ...	2	24	2	11				
Miscellaneous ...	4	96	6	168				
Shoemakers ...	4	43†	4	41‡				
Boxes ...	1	138	1	146				

* See page 76.

† 13 Males and 30 Females.

‡ 14 Males and 27 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 ...	...	...	...	...	57
	Bakehouse Domestic Workshops ...	...	...	...	...	2
	Laundries Workshops ...	...	...	...	...	6
	Laundries Domestic Workshops ...	...	...	...	...	2
	Workshops ...	...	...	...	...	220*
	Domestic Workshops ...	...	...	...	...	13
	Workplaces ...	...	...	...	...	94
	Workplaces Domestic ...	...	...	...	...	25
Places where food is sold or prepared ...						276†
Total number of workshops and workplaces, etc., on Register						695‡

* 24 where men and women are employed.

† Power is used in 16 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)	16
Action taken in matters referred } Notified by H.M. Inspector ...	19
by H.M. Inspector as remedi- able under the Public Health Acts, but not under the Fac- tory and Workshop Act (s. 5)	
Other (Communications)... ..	19
Underground Bakehouses (s. 101) :—	
Certificates granted during the year ... ..	...
In use at the end of the year	27

DRESSER OF FUR SKINS.

The byelaws made by the London County Council respecting the business of a dresser of fur skins were allowed by the Ministry of Health on the 22nd March, 1922.

BAKEHOUSES.**INSPECTIONS.**

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

There are 86 Bakehouses in use in the Borough of Poplar, 29 Poplar (including 6 factory bakehouses), 35 Bromley (including 15 factory bakehouses), 22 Bow (including 6 factory bakehouses). See Table A, page 72, number made up to end of year.

There are 26 underground bakehouses in the Borough, 6 Poplar, 14 Bromley, and 10 Bow.

Cleansing was necessary in the various bakehouses on 67 occasions. Eleven other nuisances were found.

Seven 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 276 : 129 Poplar, 92 Bromley, and 55 Bow. (See Table A, page 72.)

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1908.

814 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 112 instances, and 95 other defects existed.

131 intimations were served, which in 14 cases were followed up by Statutory notices and one final notice was served.

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 MILK AND DAIRIES (AMENDMENT ACT), 1922.**

DAIRIES, COWSHEDS AND MILKSHOPS ORDER.

At the end of the year there were in the Borough 130 registered premises (including 10 cow-houses, 1 Poplar, 4 Bromley and 5 Bow) where milk is sold, 31 Poplar, 50 Bromley and 49 Bow. These milk shops were kept under observation.

* Bye Laws.

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

** MILK AND DAIRIES (AMENDMENT) ACT, 1922.—*This Act came into operation 1st September, 1922 (except section 3, which became operative 1st January, 1923). The Act extends the powers of local authorities in respect of registration of milk sellers and wholesalers prohibits the addition of colouring matter and of reconstituted milk, etc.; prohibits under heavy penalty sale of milk obtained from cows suffering from tuberculous udder. The Act requires the Minister of Health to prescribe standards for dried and condensed milks. The Act provides for the postponement of the Milk and Dairies (Consolidation) Act, 1915, until the 1st September, 1925, except in so far as that Act repeals the Act of 1914 and the Postponement Act of 1915.*

Cleansing of premises was necessary in thirteen instances. Fifteen other defects were found.

10 milkshops have been placed on the register during the year, 0 Poplar, 6 Bromley, and 4 Bow. 18 premises were on account of change of occupiers re-registered as milkshops, 6 Poplar, 8 Bromley and 4 Bow.

The sale of milk was discontinued on 69 premises—20 Poplar, 34 Bromley and 15 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.

100 smoke nuisances were dealt with during the year :—32 Bow East, 1 Bow West, 34 Bromley North, 22 Bromley Central, 3 East Combined, 8 West Combined, and 0 Poplar South. Two summonses were issued, see page 93.

ICE CREAM.

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

There are 107 premises where ice creams are manufactured within the Borough, on the register, 40 Poplar, 48 Bromley, and 19 Bow. (See Table A, page 72.)

Cleansing of premises was necessary in 27 instances. 37 other nuisances existed.

FOOD AND DRUGS ACTS.

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

The results of the analyses of 738 samples were reported to the Committee during the year 1922, the samples being as follows :—

SAMPLE.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
Milk	98	130	107	117	452
Milk, Separated	—	—	1	—	1
Butter	14	15	11	15	55
Margarine	10	12	11	13	46
Bread and Butter	—	—	1	—	1
Cheese	—	—	—	2	2
Lard	5	3	2	2	12
Dripping	—	—	2	—	2
Suet	—	—	—	2	2
Coffee	2	1	2	5	10
Coffee Essence	—	—	2	—	2
Coffee and Chicory Essence	—	—	2	—	2
Chicory	2	—	—	1	3
Cocoa	7	—	1	3	11
Cornflour	2	1	1	1	5
Ground Rice	2	3	1	1	7
Sago	1	—	—	—	1
Arrowroot	1	1	1	—	3
Cinnamon	1	1	—	—	2
Ground Ginger	2	1	2	2	7
Baking Powder	—	—	1	2	3
Custard Powder	—	—	—	2	2
Egg Substitute Powder	—	—	1	1	2
Oatmeal	—	—	2	—	2
Flour	—	—	—	2	2
Rice	—	—	—	2	2
Mincemeat	—	—	—	3	3
Pepper	5	2	1	2	10
Mustard	2	3	2	1	8
Vinegar	9	9	1	2	21
Sausages	1	—	3	—	4
Meat Paste	—	—	—	1	1
Sponge Cake	—	—	2	—	2
Sponge Sandwich	—	—	1	—	1
Orange Wine	—	—	1	—	1
Raisin Wine	1	—	—	—	1
Ipecacuanha Wine	1	—	—	—	1
Lemon squash	—	—	2	—	2
Lemonade Crystals	—	—	—	2	2
Lime Juice Cordial	—	—	1	—	1
Fruit Cordial	—	—	1	—	1
Sweet Spirit of Nitre	1	—	—	—	1
Ammoniated Tincture of Quinine	1	—	—	—	1
Cod Liver Oil	1	—	—	—	1
Crushed Linseed	1	—	—	—	1
Honey	1	—	—	—	1
Glycerine	1	1	—	—	2
Carried forward	172	183	166	184	705

SAMPLE.	1st Quarter.	2nd Quarter.	3rd Quarter	4th Quarter	Total.
Brought forward ..	172	183	166	184	705
Tartaric Acid	1	—	—	—	1
Carbonate of Soda	1	—	—	4	5
Citrate of Potash	1	—	—	—	1
Liquorice Powder	—	2	—	—	2
Gregory's Powder	—	—	—	1	1
Borax	—	—	2	—	2
Cream of Tartar	—	—	1	—	1
Seidlitz Powders	—	—	1	—	1
Zinc Ointment	—	—	1	—	1
Boracic Ointment	—	1	2	—	3
Boracic Acid	—	—	—	1	1
Lime Water.. ..	—	—	—	1	1
Camphorated Oil	—	1	—	2	3
Olive Oil	—	1	—	—	1
Citrate of Magnesia	—	—	—	1	1
Milk of Sulphur	—	—	—	2	2
Prescriptions (National Health Insurance)	—	—	6	—	6
Totals	175	188	179	196	738

‡ Of the 453 samples of milk, 102 samples were procured on Sundays from itinerant vendors and 99 from itinerant vendors on weekdays. All the samples from itinerant vendors were in accordance with the standard and no legal proceedings were instituted.

Samples were taken on delivery, viz., 10 Poplar Institution, 4 St. Andrew's Hospital, 2 at Railway Stations, and 2 at the canteen of a firm in the Borough. All the samples were genuine except one taken at the Poplar Institution. The Guardians were communicated with in regard to the samples procured at the Poplar Institution, and the Managers of St. Andrew's Hospital were informed of the results of analyses of samples taken at their institution.

In a large number of cases the Public Analyst reported samples of milk to be genuine but "Poor in solids," "Poor in fat," "Fair quality," "Very poor quality," etc.

ADMINISTRATIVE ACTION REGARDING ARTICLES REPORTED TO BE NOT GENUINE, ETC.

QUARTER ENDED MARCH, 1922.

Sample.	No.	Result of Analysis, etc.	Result of Legal Proceedings, etc.
Milk	1	Deficient in solids-not-fat 9·7 per cent.	£4 penalty; £2 2s. costs.
„	68	Deficient in solids-not-fat 7·1 per cent.	Letter of caution. 8th March, 1922

QUARTER ENDED JUNE, 1922.

Sample.	No.	Result of Analysis, etc.	Result of Legal Proceedings, etc.
Milk	28a	Deficient in solids-not-fat to the extent of 4.1 per cent.	Letter of caution to vendor.
"	734	Deficient in fat and in solids-not-fat to the extent of 21.6 and 29.8 per cent., respectively.	Public Health, etc., Committee ordered a further sample to be taken. (744)
"	744	Deficient in fat and in solids-not-fat to the extent of 26.6 and 24.7 per cent. respectively.	£5 penalty; £2 2s. costs.

QUARTER ENDED SEPTEMBER, 1922.

Sample.	No.	Result of Analysis, etc.	Result of Legal Proceedings etc.
Milk	755	Deficient in fat 24.6 per cent. and solids-not-fat 7.1 per cent.	£3 penalty; £1 1s. costs.
Cocoa	647	Contained 2 per cent. added alkali.	Letter of caution.
Milk	64	Contained 2 per cent. added water.	Letter of caution.
Margarine ..	56a	Contained 1.3 per cent. excess water.	£2 2s. costs.
Ointment ..	60	Badly mixed. Calomel and Bismuth Oxide both low.	Letter to vendor.
Lotion	61	Contained excess of lead ..	Letter to vendor.
Wine Cordial ..	114	Contained Salicylic Acid to the extent of 1.3 grains per pint	Letter to manufacturer.
Lime Juice Cordial	765	Contained Salicylic Acid to the extent of 3.1 grains per pint.	Letter to manufacturer.
Orange Wine ..	353	Contained Salicylic Acid to the extent of 1.5 grains per pint.	Letter to manufacturer.
Lemon Squash ..	67a	Salicylic Acid to the extent of 1.2 grains per pint.	Letter to manufacturer.
Sponge Sandwich	767	Contained Boric Acid to the extent of 0.22 per cent.	Letter to manufacturer.
Milk	57a	Deficient in solids-not-fat 0.2 per cent., corresponding to the addition of at least 2 per cent. added water	Letter of caution.

QUARTER ENDED DECEMBER, 1922.

Sample.	No.	Result of Analysis, etc.	Result of Legal Proceedings, etc.
Coffee Extract ..	775	Contained 55 per cent. of liquid extract foreign to coffee and Salicylic Acid at least 3 grains per pint. (NOTE.—A conference between the Medical Officer of Health, Public Analyst, and the Defendants was held, and an agreement reached.)	Summons withdrawn.
Shredded Suet ..	143	Contained 18·2 per cent. of ingredients foreign to suet, resembling moist rice starch.	Letter to vendor.
Margarine ..	793	Served in unstamped wrapper	Letter of caution.
Lemonade Powder	592	Crystals contained Tartaric Acid instead of Citric Acid.	Letter to vendor.
Cocoa	795	Contained at least 2 per cent. added Alkali.	Letter to vendor.
Butter	92	Contained at least 2 per cent. excess of water. (NOTE.—A sample was taken by the Corporation of London from the wholesaler and was reported to be genuine.)	Reported to Ministry of Agriculture and Ministry of Health.
Camphorated Oil	99a	Deficient in Camphor at least 65 per cent. and made with mineral oil.	Letter to vendor.
Milk	389	Deficient in non-fatty-solids 2·7 per cent., which deficiency would be caused by the addition of water 31·7 per cent.	The Clerk to the Guardians informed as the sample was taken in the larder at the Poplar Institution.

PRESERVATIVES IN BUTTER.

Of the 55 samples of butter, 24 contained percentages of boric acid not exceeding 0·4 per cent. in any instance.

PRESERVATIVES IN MARGARINE.

Of the 46 samples of margarine, 31 contained percentages of boric acid not exceeding 0·41 per cent. in any instance.

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

One application was received to register premises for the carrying on of businesses of wholesale dealers in margarine.

The following is the number of premises in each Sub-District of the Borough registered under the above-mentioned Acts, up to and including 31st December, 1922, viz. :—

Sub-District.	Margarine.		Butter.	
	Wholesale Dealer.	Manufacturer.	Factory.	Wholesale Dealer in Milk-blended.
Poplar	4	...	...	...
Bromley	4	...	1*	1*
Bow	3	...	1	1
Totals	11	...	2	2

* Not in use at present.

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 a number of premises occupied by Chinese, which latter premises have been under constant supervision.

HOUSING ACTS, 1890-1919.

HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910. REPRESENTATIONS TO COUNCIL UNDER HOUSING, TOWN PLANNING, ETC., ACT, 1909.

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

HOUSING CONDITIONS.

STATISTICS.

YEAR ENDED 30TH DECEMBER, 1922.

1.—GENERAL.

(1) Estimated population	.. .. .	165,700
(2) General death rate	.. .. .	14.31
(3) Death rate from tuberculosis (all forms)	.. .. .	1.35
(4) Infantile mortality	.. .. .	79
(5) Number of dwelling-houses of all classes (Census 1911) ..		22,472
(6) Number of working-class dwelling-houses	..	Practically all
(7) Number of new working-class houses erected during 1921	.. .. .	{ 120 houses, 15 tenements.

2.—UNFIT DWELLING-HOUSES.

I.—*Inspection.*

(1) Total number of dwelling-houses inspected for housing defects (under Public Health or other Acts)	.. ..	8,967
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	.. .. .	—
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	.. .. .	—
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	..	5,173

II.—*Remedy of defects without Service of Formal (Statutory) Notices.*

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	150
---	---------	-----

III.—*Action under Statutory Powers.*

A. Proceedings under section 28 of the Housing, Town Planning, etc., Act, 1919	.. .. .	—
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	.. .. .	—

(2) Number of dwelling-houses which were rendered fit—	
(a) by owners	—
(b) by Local Authority in default of owners	—
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	—
B. Proceedings under Public Health Acts—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	3,078
(2) Number of dwelling-houses in which defects were remedied—	
(a) by owners	4,362
(b) by Local Authority in default of owners	—
C. Proceedings under sections 17 and 18 of the Housing, Town Planning, etc., Act, 1909—	
(1) Number of representations made with a view to the making of Closing Orders	—
(2) Number of dwelling-houses in respect of which Closing Orders were made	—
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	—
(4) Number of dwelling-houses in respect of which Demolition Orders were made	—
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	—

3.—UNHEALTHY AREAS.

Areas represented to the Local Authority with a view to Improvement Schemes under (a), Part I., or (b), Part II., of the Act of 1890 :—

(1) Name of areas	} Nil
(2) Acreage	
(3) Number of working-class houses in area	
(4) Number of working-class persons to be displaced ..	
4.—Number of houses not complying with the building bye-laws erected with consent of Local Authority under section 25 of the Housing, Town Planning, etc., Act, 1919 ..	

- 5.—Staff engaged on housing work with, briefly, the duties of each officer 10
(7 district sanitary inspectors and 3 doing house-to-house inspections)

WATER CERTIFICATES.

No certificates were issued under sec. 48 of the Public Health (London) Act, 1891.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACTS, 1904 AND 1922.*

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) Acts, will be brought into operation.

* The London County Council (General Powers) Act, 1922, came into operation 20th July, 1922. The Act repeals sections 19, 20, 21, sub-section (1) of section 24, and definition of "house" in section 26 of the 1904 Act. The word "vermin" includes bugs, fleas, lice and itch-mites, their eggs, larvæ and pupæ.

† For the Cleansing of Verminous Persons, see pages 56-58.

During the year 498 Intimation Notices were served in respect of verminous rooms, and the verminous rooms cleansed were :—

East Combined Division	..	..	..	..	23
West Combined Division	..	..	..	..	7
Poplar South Division	..	..	..	..	2
Bromley North Division	..	..	..	..	66
Bromley Central Division	..	..	..	..	62
Bow East Division	..	..	..	..	24
Bow West Division	..	..	..	..	118
Housing Inspectors—					
Poplar	..	..	..	..	32
Bromley	..	..	..	..	93
Bow...	..	..	..	..	50
					497

No summonses were applied for.

A fluid insecticide is given and sprayers loaned to tenants in order to rid rooms and contents of bugs. Sixty gallons were distributed during year.

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.

The public elementary schools were inspected during the year. A few minor defects were discovered and remedied.

RAG FLOCK ACT, 1911.

No samples of rag flock were procured during the year 1922.

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, 1921, TO 30TH DECEMBER, 1922.

	East combined.	West combined.	Poplar South.	Bromley North.	Bromley Central.	Bow East.	Bow West.	Totals.
Inspections:—	1,076	1,275	1,415	1,518	966	1,189	1,373	8,812
On Complaints of Nuisances, etc.	752	942	938	1,030	727	786	1,076	6,251
On notification of infectious diseases	301	333	477	488	185	292	297	2,373
House to house visitation	23	—	—	—	54	111	—	188
Houses found in good condition	386	592	786	1,047	309	632	696	4,448
Do. requiring amendment	690	683	629	471	657	557	677	4,364
DETAILS OF INSANITARY CONDITIONS.								
Walls and ceilings requiring cleansing throughout	19	14	4	40	5	23	9	114
Do. do. partially	322	229	296	166	259	153	333	1,758
Yards and areas insufficiently paved	91	54	65	35	26	2	35	208
Do. imperfectly drained	—	6	—	27	52	27	4	116
Inlets to drains not properly trapped	1	—	—	—	—	—	—	1
Drains proved defective by smoke drain test	5	24	28	55	4	19	30	165
Smoke drain test applied with negative results	127	11	172	3	134	81	58	586
Drains obstructed	35	68	127	202	19	53	71	575
Sink waste pipes directly connected with drains	—	1	—	1	1	—	—	3
Rain water pipes do. do.	2	1	—	1	—	—	—	4
Soil pans of w.c.s without suitable water supply	43	22	49	28	28	8	47	225
Do. broken or unsuitable	13	8	20	14	11	19	10	95
Do. in foul condition	36	2	28	5	6	26	15	118
Do. untrapped	—	1	—	—	—	1	1	3

[Continued overleaf.]

AS29

	East combined.	West combined.	Poplar South.	Bromley North.	Bromley Central.	Bow East.	Bow West.	Totals.
Roof guttering and rainwater pipes defective	135	89	113	86	88	69	63	643
Roofs not watertight	143	122	146	221	130	124	173	1,059
Water supplies to premises cut off (notified by Metropolitan Water Board)	—	—	1	3	—	2	2	8
Water service fittings defective, causing waste of water	25	12	13	11	8	7	20	96
Drinking Water improperly stored	—	—	—	—	2	2	—	4
W.C.s badly ventilated	5	—	—	1	16	2	—	24
Do. badly situated	—	—	—	1	—	1	—	2
Dampness	224	90	95	23	101	60	110	703
Inundations	—	—	1	2	—	—	—	3
Overcrowding	7	—	—	3	4	1	—	15
Accumulations of dung or refuse	5	1	16	10	9	5	5	51
Foul p.h. urinals	5	—	10	3	11	—	—	29
Other nuisances, dilapidations, want of ventilations, etc.	443	220	645	262	236	414	688	2,908
Breaches of London County Council By-laws	89	1	1	—	144	53	46	134
Breaches of Council's By-laws	95	71	—	1	30	33	39	269
Intimations served	690	549	629	471	531	557	677	4,104
Notices served	229	369	177	296	279	145	390	1,885
Final notices served	77	41	48	112	70	29	33	410
Summonses applied for	2	—	2	—	—	—	2	6
Passengers from Continental Ports—								
Visited	—	—	—	—	—	—	—	—
Undiscovered	1	5	4	40	—	—	2	52
Re-inspections	—	2	—	1	—	—	—	3
Intimations served in respect of verminous rooms, whether in conjunction with, or separate from, other defects	2,588	2,465	2,138	2,131	1,408	1,951	1,692	14,373
	23	37	36	66	63	24	74	323

Tabulated statement of Inspections of Insanitary Conditions found existing, and of Re-inspections, &c., during the twelve months ended 30th December, 1922 (Miss Alice Tattersall—Lady Inspector).

	Poplar.	Bromley.	Bow.	Total.
Workshops, Workplaces, Laundries, &c., Number of, on the Register	26	47	64	137
Workshops, Number of Workrooms therein ...	43	71	90	204
" Number of Inspections of ...	50	77	107	334
" Number of Re-inspections of ...	28	58	77	163
" &c., newly discovered and registered	4	7	8	19
" Workrooms therein measured ...	2	8	6	16
" Reported to H.M. Inspector on discovery	4	6	6	16
Houses visited for enquiry at which no female hands were employed	239	462	1,002	1,703
Written intimations issued	5	12	19	36
Statutory Notices	4	3	8	15
Final Notices	1	—	1	2
Works carried out under supervision:—				
(a) Rooms cleansed and whitewashed	10	17	15	42
(b) Yards, roofs, &c., repaired	1	2	2	5
Additional means of ventilation provided	—	1	2	3
Sanitary Conveniences Constructed	1	—	—	1
Overcrowding of Workrooms, cases of, abated	—	—	—	—
Visits <i>re</i> Scabies	41	57	20	118
" Suspected infectious disease	54	145	22	221
" Outworkers' Lists	18	24	45	87
" Inspection of Schools	17	14	8	39
" Verminous School Children	194	198	22	414
Miscellaneous Inspections	36	37	19	92

REPORTS OF HOUSING INSPECTORS.

Summary, 1922.

	Poplar.	Bromley.	Bow.	Totals.
House-to-house Inspections	224	291	294	809
Re-inspections	3,153	4,116	3,333	1,0602
Number of Intimations served—				
Public Health (London) Act	430	615	362	1,407
P.B.C. By-laws	183	231	214	628
L.C.C. (General Powers) Act, <i>re</i> verminous rooms	32	93	50	175
Number of Notices served—				
Public Health (London) Act	118	205	99	422
P.B.C. By-laws	36	111	54	201
For cleansing	37	80	17	134
Number of Final Notices served—				
For cleansing and other matters	36	106	39	181
Number of drains tested—				
Chemical test	201	308	268	777
Smoke test... ..	15	12	11	38
Water test	42	136	49	227

POLICE COURT PROCEEDINGS:

A6529

No. of Street or Name of Premises or Locality, &c.	Nature of Complaint.	Date of Decision.	Result.	Name of Officer.
St. Leonard's Wharf, Brunswick Road	Smoke nuisance	1922. 18th Jan.	£5 penalty; £2 2s. costs ..	Johnson, W.
154, Brunswick Road ..	Various defects	11th Jan.	Work done; £2 2s. costs ..	Johnson, W.
61, Barchester Street ..	Ditto	24th Jan.	£1 penalty; £3 3s. costs ..	Grabham, C.
21, Malabar Street ..	Ditto	24th Jan.	14 days' order; £3 3s. costs	Brown, C. H.
46, Yattan Street.. ..	Ditto	26th Jan.	Work done; £2 8s. costs ..	Johnson, W.
2, Box Street	Ditto	26th Jan.	7 days' order; £2 8s. costs ..	Pearce, H. A.
159, Stebondale Street ..	Failed to comply with Magistrates' Order of November, 1921	26th Jan.	£5 penalty; £2 2s. costs ..	Grabham, C. A.
57, Devas Street	Dampness	2nd Mar.	7 days' order; £2 8s. costs ..	Pearce, H. A.
1, Box Street	Various defects	23rd Feb.	14 days' order; £2 8s. costs	Pearce, H. A.
19, Appian Road	Ditto	14th Mar.	28 days' order; £2 7s. costs	Smith, F. A.
Charing Cross, etc., Electric Supply Co., Marshgate Lane	Smoke nuisance	29th Mar.	Prohibition order; £5 5s. costs	Field, A. J.
25, Malabar Street ..	Various defects	27th Jan.	7 days' order; £2 8s. costs ..	Brown, C. H.
23, Perring Street ..	Ditto	16th May	21 days' order; £2 8s. costs	Pearce, H. A.

No. of Street or Name of Premises or Locality, &c.	Nature of Complaint.	Date of Decision.	Result.	Name of Officer.
19, Bloomsbury Street ..	Kitchen grate and oven defective	13th June ..	14 days' order; £2 8s. costs*	Tibbatts, H. A.
2, Favonia Street.. ..	Various defects	16th June ..	7 days' order; £2 8s. costs ..	Pearce, H. A.
35, Wyke Road	Ditto	27th June ..	14 days' order; £2 7s. costs	Smith, F. A.
8, Box Street	Ditto	5th July ..	Summons dismissed. No costs against Council	Pearce, H. A.
7, Gale Street	No trap to sink in wash-house	5th July ..	Summons dismissed	Pearce, H. A.
4, Mitford Terrace ..	Failed to cleanse, alter and mend the drains ..	20th July ..	10s. penalty; £5 5s. costs ..	Smith, F. A.
18, Perring Street ..	Ditto	8th Sept. ..	Work in hand; £1 1s. costs..	Pearce, H. A.
4, Mitford Terrace ..	Ditto	9th Aug. ..	£20 penalty; £5 5s. costs ..	Smith, F. A.
27, Stafford Road ..	Failed to cleanse, alter and amend the drains ..	14th Nov. ..	£2 penalty; £2 2s. costs ..	Boyce, W.
27, Stafford Road ..	Various defects	7th Nov. ..	7 days' order; £2 2s. costs ..	Boyce, W.
29, Donald Street ..	Failed to comply with notice to amend the drains	8th Dec. ..	3 summonses dismissed. Council held responsible	Pearce, H. A.
HOUSING, TOWN PLANNING, ETC., ACT, 1919.				
11, Perring Street ..	Demanded rent, name and address of Medical Officer of Health, and landlord not on rent book	30th June ..	£1 1s. costs	Pearce, H. A.
21, Whitethorn Street ..	Ditto	13th Oct. ..	£1 penalty; £1 10s. costs ..	Pearce, H. A.

(* NOTE.—Owner appealed against Magistrate's decision and on 19th October, 1922, appeal was allowed with costs.)

OVERCROWDING.

A number of cases of overcrowding were reported but on account of lack of housing accommodation remained unabated. No cases of overcrowding were found in workshops.

GENERAL.

3,251 complaints (including 77 smoke) as to nuisances were made. 3,727 communications on general matters were despatched, and 5,328 in connection with the supply of milk.

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.

March, 1923.

FREE MILK SCHEME.

Mr. Dyer, Chief Clerk, reported : During the 12 months ended 30th December, 1922, 18,082 applications for free milk were received, of which 16,215 were granted. (Compared with 23,799 applications and 18,270 granted for 1921.) It must, however, be remembered that the year 1921 the age limit was reduced from 5 years to 3 years except in special cases. Orders for 621,796 pints of fresh and 1,664 lbs. of dried milk were issued, the total commitments amounting to approximately £8,500.

Personal enquiry was made into 2,969 cases by the Investigation and Enquiry Officer. In 15 cases it was found that applicants had commenced work and received an income which rendered them over-scale while receiving free milk without notifying the fact. In 5 of these, letters of caution were sent and the remaining 10 were instructed to refund the value of milk supplied to them.

Proceedings were taken in the County Court against 4 debtors and Orders made. In one case a Judgment Summons was issued for non-compliance with the Order and later the man was committed to prison for 10 days—but even now nothing has been paid towards his debt.

During the year the sum of £94 was repaid on account of milk supplied on incorrect information, making a total sum to date of £270.

By arrangement with the Dairymen's Association, the Council pays 2d. per gallon below the ruling retail price. The price per pint (to the Council) varied during the year as follows: 1st January, 4½d.; 2nd April, 2½d.; 2nd July, 2¾d.; and 1st October, 3¾d.

Report of Dr. W. C. P. Smith, Tuberculosis Officer and Assistant Medical Officer of Health for Tuberculosis Purposes.

INFORMATION REQUIRED BY MINISTRY OF HEALTH.

(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.*

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

As pointed out in previous reports, the premises are in several respects inconvenient. No. 1, Wellington Road, will, however, shortly become vacant, and it is proposed to move there as soon as the necessary alterations have been carried out.

(b) *Proposed Branch Dispensary.*—No further action has been taken with regard to the proposed branch dispensary at 134, High Street, Poplar. In the meantime, the fares to and from the Bow Road Dispensary are refunded to necessitous patients living south of the East India Dock Road.

Tuberculosis Officer : W. C. P. Smith.

Assistant Tuberculosis Officer : D. H. Geffen.

Other Officers :—

- 3 Health Visitors.
- 1 Dispenser.
- 1 Clerk.
- 1 Assistant Clerk.
- 1 Part-time helper (female).
- 1 Caretaker.

Arising out of the Ministry of Health Circular 308, of May 8th, 1922, on the subject of care committees, a resolution to appoint a paid officer to act as secretary to the care committee and organiser of after care work, was passed by the Council. The matter has for some time past been in the hands of the Ministry of Health, who have not yet communicated their views on it.

Residential institutions :—

(a) Sanatoria—hospitals and homes available under the L.C.C. scheme (which now includes all classes of patients, whether insured, uninsured, or ex-Service men).

(b) The Poor Law Infirmary.

(c) A few In-patient letters for Victoria Park or other hospitals when obtainable.

(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 between the Council and the London Hospital, cases of surgical tuberculosis and certain other cases are referred to the hospital for opinion or treatment.

Cases of lupus are also sent to the hospital for treatment by the Finsen Light, on the recommendation of the Tuberculosis Officer; a fee of 5s. is charged for each treatment, and if more than twelve applications are required in any case, a further recommendation from the Tuberculosis Officer is necessary. During the year five new cases have been recommended and eleven cases in all have attended the hospital for lupus; they have received a total of 169 Finsen Light applications.

Special Hospitals.—No special arrangements exist except that cases in which an artificial pneumothorax has been produced may be referred to Brompton Hospital for the necessary refills at a charge of 10s. for each refill.

Non-tuberculous pulmonary cases are referred generally to Victoria Park Hospital either by cards or out-patient letters. Similar cases in children are sent to one or other of the Children's Hospitals—at Shadwell and Hackney Road.

School Clinics.—Co-operation with the School Medical Officers has been continued, and found to work satisfactorily. A further extension of the scheme has been evolved so as to embrace a certain number of contacts who on examination by the Tuberculosis Officer are found to be healthy, and others who for some reason the Tuberculosis Officer has not been able to examine. This arrangement comes into use on January 1st, 1923.

As in previous years, a number of school children having defects of various kinds—aural, nasal, dental, etc.—have been referred to the Divisional School Medical Officer for the provision of necessary treatment.

(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.*

The Tuberculosis Officer communicates with every local practitioner, who notifies a case of tuberculosis, offering to confer as to the best means of dealing with the case. The practitioner is also invited to avail himself of the services of the care committee for any case occurring in his private practice in which he thinks they will prove helpful.

A large number of patients have been sent to the dispensary during the year by local practitioners for an opinion, and in each case a report has been sent by the Tuberculosis Officer. 438 such reports have been sent during the year.

The number of periodical reports received from practitioners on patients under domiciliary treatment has been something under one-third of the number asked for.

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

Cases of doubtful diagnosis are kept under observation at the dispensary, and every effort is made to come to a definite conclusion in as short a time as possible. Owing, however, to the frequent failure of patients to return for re-examination when requested, and the consequent need to visit or write for them, it is not always possible to do so.

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

Home contacts are examined at the dispensary—as a rule by special appointment. The arrangements for their attendance and their subsequent supervision are in the hands of the Health Visitors. A special effort is made to keep under observation the contacts of sputum positive cases, and to re-examine them at short intervals.

(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.*

The X-Ray apparatus is in constant use as an aid to diagnosis. It is used almost exclusively for screen work. No record of the number of cases so examined has been kept.

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

No special treatment has been in use.

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

A dental clinic has been held weekly at the Old Ford Wesleyan Mission Hall since October, 1922, to which all cases needing dental treatment and for whom no provision is otherwise made, are referred by the Tuberculosis Officer.

Cases requiring new dentures are referred to the Care Committee

for assessment of the amount of contributions payable by the patient, and for any assistance the committee may be able to furnish towards the cost. Details of the work done are given in the Dental Surgeon's Report.

(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 the local nursing associations.

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

Extra nourishment has, since April 1st, 1922, been granted to certain cases—on the lines laid down by the Ministry of Health. The nourishment in the form of dried milk and eggs has been given chiefly to patients awaiting admission to, or recently returned from Sanatorium, and to certain other cases in which the patient's working capacity is likely to be restored.

(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 requiring residential treatment are referred to the L.C.C. for sanatorium or hospital treatment. Cases that can suitably be dealt with as out-patients are referred to the London Hospital according to the terms of the agreement referred to, as are also cases of lupus for Finsep Light treatment.

Surgical apparatus is obtained through hospital almoners, Invalid Children's Aid Association, Charity Organisation Society, or other charitable bodies.

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

The Care Committee meets fortnightly at the dispensary. It consists of some fifteen members (exclusive of the dispensary staff), among whom are representatives of the chief official and voluntary organisations engaged in social work in the district. The amount of work done by the committee has increased considerably during the year. The services of the committee are available for any case of tuberculosis in the Borough. The proposal to appoint a paid officer for care and after-care work has already been referred to.

(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 tuberculous patient, who usually requires a light occupation.

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

No shelters are at present out on loan.

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

No special occupational incidence has been noted: as pointed out last year a considerable proportion of the cases occur in patients out of employment, or among general labourers or casual workers.

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

No special method outside the general scheme which includes the examination and supervision of home contacts, the dissemination of information and the supply of spit cups and sputum flasks with a view to the prevention of massive infection, the improvement where possible of the housing conditions, and the removal of the infectious case, or of the contacts from close association with it.

(xvii.) *Special difficulties encountered.*

The general lack of employment is still acute and the possibility of finding suitable light or part-time employment such as many tuberculous patients would be capable of is practically non-existent.

There is always difficulty in finding suitable residential accommodation for cases which for one reason or another the County Council are unable to accept under the scheme. Though it is often desirable to get such cases away from home for a time, they are frequently unwilling to enter a local hospital, while on the other hand they are not suitable for a home for the dying.

The difficulty of improving adverse home conditions caused by overcrowding is constantly experienced.

W. C. P. SMITH,

Tuberculosis Officer.

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

PUBLIC HEALTH OFFICES,

BOW ROAD, E. 3.

January, 1923.

SIR,

I beg to present the fifteenth Annual Report of the work of the Maternity and Child Welfare Department.

Resignations.—There were two resignations during the year—Dr. Lane (the Medical Officer of the Bow and Poplar Clinics) on removal from London; Miss Burt, Health Visitor for No. 4 District, on her marriage. The vacancies were filled by the appointments of Dr. Ward and Miss Littlewood.

Removal.—On the expiration of the lease of the premises in Shirbutt Street, the North Poplar Clinic was removed to 134, High Street, Poplar—everyone was delighted with the change.

New Scales were provided at the Island Clinics, and are much appreciated. They are most comfortable, both for the babies and the workers.

Infant Clinics.—Nine sessions weekly are held—all show an increased attendance. High Street, Poplar, heads the list with an average attendance of 44.8 per session. Allamouth Road at the bottom with an average attendance of 25.8 per session. This, however, is an increase of 5 per session over the attendance last year. The figures for Bow (37.2) really do not give a fair idea of the attendance. Friday morning is an awkward time for mothers, and the comparatively poor attendance at this session adversely affects the average. The attendance of Expectant Mothers is *not* reckoned on the average.

Dental Clinic.—The attendance has been very unsatisfactory, falling from an average of 7.6 in 1921 to 4.3 during the year under review. An enquiry into probable causes was held at the end of the year, and if the suggestions made are carried out, I feel sure that this branch of the work will, in time, be as successful as the others—the need for it is as great.

Infantile Mortality.—The rate for the Borough—79 per 1,000 births—exactly half what it was eleven years ago—is certainly a matter for congratulation, especially when one considers that the rate per 1,000 Still-births and Deaths before visit is practically unchanged. I am still of the opinion that an improved midwifery service would do more to decrease these rates than the provision of Ante-natal Clinics.

Toddlers.—The mortality amongst the toddlers has been very heavy. The rate between 1—2 years and the 2—3 years having more than doubled, between the 3—4 almost doubled, that of the previous year. The 4—5 show a slight decrease. The increase in the mortality is accounted for by the deaths from respiratory diseases in the early months of the year.

London County Council.—Two thousand and sixty case sheets relating to children who had attained the age of 5 years were forwarded during the year to the Education Department.

New Year's Party.—The Staff entertained the Mothers and children attending the various Clinics to a Tea Party at the Town Hall on January 3rd. Our thanks are due to the Poplar Borough Council for the free use of the Hall, to the Commercial Gas Company for installing a boiler free of charge, and to all who assisted.

Baby Show.—This was held on July 13th. Our thanks are due to the then Mayor (Alderman C. Sumner, L.C.C.) for a generous donation from the Mayor's Fund, to the Medical Practitioners of the Borough who so kindly undertook the arduous duties of the Judging, and to all who assisted. Garments were given as prizes, all of which were made by the members of the Staff.

Transfers.—We failed to trace thirty-five of the cases transferred from Out-lying Institutions, supposed to be living at addresses in this Borough. These cases are always found to be unsatisfactory, and much time is wasted in trying to find them.

Visiting Areas :—

The Royal College of St. Katharine.—All the work between East India Dock Road and Bow Road.

Poplar Borough Council.—All the work north of Bow Road and south of East India Dock Road.

	Public Health Dept.	Royal College of St Katharine.	Total.
ANTE-NATAL			
Visits	644	1,091	1,735
Revisits	685	1,798	2,483
POST-NATAL—			
Visits	1,698	2,262	3,960
Removed before visit	44	37	81
Died before visit	40	60	100
Still-born	115	16	131
Revisits—			
Under one	10,055	14,604	24,659
One—five	15,073	31,709	46,782
Removed	215	503	718
Died	176	310	486

	Public Health Dept.	Royal College of St. Katharine.	Total
ZYMOTIC ENTERITIS—			
Visits	11	25	36
Revisits	10	34	44
Died	2	—	2
MEASLES—			
Visits	136	213	349
Revisits	38	179	217
Died	1	13	14
OPHTHALMIA NEONATORUM*—			
Visits	32*	—	32
Revisits	51	—	51
MISCELLANEOUS... ..	81	8,633	8,714
Total Visits paid			89,092

* All infants with this disease are notified to the Medical Officer of Health, and are immediately visited by the Health Visitors of the Public Health Department.

STILLBIRTHS.

Number of stillbirths	124
No information available	8
Premature births	47
Fœtus macerated	36
First pregnancies	28
Mothers who worked during pregnancies	3
Instrumental deliveries (forceps)	13
Mal-formation of fœtus	3
Mal-presentations (other than breech)	3
Prolapse of cord	2
One of twins	5
Breech presentations	17
Ante-partum hæmorrhage (induction 3 cases,	16
Cord round neck	4
Abnormally short cord	1

Mothers who had had previous stillbirths :—

	One.	Two.	Three.	Four.	Five.	Six.
	12	4	5	1	—	1
Miscarriages :—	5	2	2	—	—	—

Nine attributed the fact that the child was stillborn to "shock or fright," six to "accident," ten to "ill-health," (six of these attended hospital or clinic), one "took drugs," three "lack of attention" (B.B.A.), and two to "overstrain."

NURSING.

	Ophth. Neon.		Measles.				Pneumonia.			
	Cases. Visits.		Cases		Visits.		Cases.		Visits.	
			Under 5	5-10	Under 5	5-10	Under 5	5-10	Under 5	5-10
East London Nursing Society	13	226	12	3	142	52	29	6	438	82
St. John Divine ..	1	28	1	—	58	—	—	—	—	—
Total ..	14	254	13	3	200	52	29	6	438	82

ZYMOTIC ENTERITIS.

Visited ...	...	...	...	...	...	...	35
Under 1 year	...	...	...	...	...	...	17
1 to 2 years	...	...	...	...	...	...	12
2 to 3 years	...	...	...	...	...	...	3
3 to 4 years	...	...	...	...	...	...	2
4 to 5 years	...	...	...	...	...	...	1

FEEDING.

Age period.	Breast.	Mixed feeding.	Hand fed.	Not stated.
Under 1 year	9	6	2*	—
Died	1	—	1	—
1 to 2 years	1	2	8	1

* Condensed milk.

MEDICAL ADVICE OBTAINED.

Same day	...	...	...	...	...	6
1 day	...	...	...	...	...	11
2 days	...	...	...	...	...	6
3 days	...	...	...	...	...	3
5 days	...	...	...	...	...	2
No information or too doubtful to use	...	...	...	...	...	7

OPHTHALMIA NEONATORUM.

Number of notifications received	..	..	..	36
Died whilst under supervision	..	..	..	1
Sight of 1 eye damaged	..	..	..	1
Recovered	..	..	..	34
Occurred in institutions	..	..	..	2
Occurred in the practice of medical practitioners	..	..	..	2
Occurred in the practice of midwives	..	..	..	32
Admitted to hospital as in-patients	..	..	..	3
Treated as hospital out-patients	..	..	..	12
Treated privately	..	..	..	21
Visited by nurse	..	..	..	15

OLD FORD CLINICS.

Dental Clinic.

Total attendances	..	..	..	..	..	224
Mothers	..	..	..	..	..	172
Children	..	..	..	..	..	52

Average attendance each session—4·3.

Infant Consultations.

First attendances	..	..	..	..	..	541
Total attendances	..	..	..	..	..	5,790
Average attendance each session	..	..	..	..	..	37·2
Average number of attendances each child	..	..	..	..	..	6·6
Expectant mothers	..	..	..	..	..	172

ALLANMOUTH ROAD CLINIC.

Infant Consultations.

First attendances	..	..	..	..	..	101
Total attendances	..	..	..	..	..	1,242
Average attendance each session	..	..	..	..	..	25·8
Average number of attendances each child	..	..	..	..	..	7·2
Expectant mothers	..	..	..	..	..	15

WEST FERRY ROAD CLINIC.

Infant Consultations.

First attendances	..	..	..	..	..	187
Total attendances	..	..	..	..	..	1,490
Average attendance each session	..	..	..	..	..	29·2
Average number of attendances each child	..	..	..	..	..	4·9
Expectant mothers	..	..	..	..	..	20

CHRIST CHURCH CLINIC.

Infant Consultations.

First attendances	..	..	..	..	..	221
Total attendances	..	..	..	..	..	3,689
Average attendance each session	..	..	..	..	..	35.8
Average number of attendances each child	..	..	..	..	..	9.1

134, HIGH STREET, POPLAR, CLINIC.

Infant Consultations.

First attendances	..	..	..	..	..	294
Total attendances	..	..	..	..	..	4,660
Average attendance each session	..	..	..	..	..	44.8
Average number of attendances each child	..	..	..	..	..	9.4
Expectant mothers	..	..	..	..	..	102

ROYAL COLLEGE OF ST. KATHARINE.

Total attendances—Ante-Natal	..	..	..	..	276
„ „ Infant Consultations	..	..	..	..	7,862
„ „ Dental	..	..	..	..	660
„ „ Sewing Class	..	..	..	..	194
Total attendances at all Clinics	..	..	..	..	26,396

MONEY TAKEN.

	£	s.	d.
For Dried Milk (3,619 lbs.)	312	2	9
„ Medical sundries	60	10	1
„ Dentures	20	0	0
„ Spectacles	0	11	0
„ Materials at sewing class	15	9	7
„ Convalescent treatment	1	7	0
Total money taken	410	0	5

Free issue—1,253 lbs. Dried Milk.

3,402 vouchers for cod liver oil, malt, etc., were also issued

GRANTS IN AID.

Convalescent treatment (one mother, nine children)	10 cases.
Attendance of midwife..	19 „
Attendance of maternity nurse	2 „
Loan of maternity bag..	3 „

VITAL STATISTICS, 1920.

All births, including those occurring in out-lying districts, but belonging to the Borough ...	4,662
Attended by doctors ...	1,708
Attended by midwives ...	2,506
Delivered in institutions ...	339
Not stated ...	109
Stillborn ...	119
Died before visit ...	105
Not requiring or desiring visits ...	465
Visited ...	3,973
Removed and not traced ...	273
Died during visitation...	243
Remaining under supervision end of first year ...	3,457
Stillbirths per 1,000 births ...	25·5
Mortality per 1,000 births, died before visit ...	22·5
Mortality per 1,000 visited ...	65·6

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

1. Those alive at end of completed year (December, 1922)—

Breast fed ...	73·9
Mixed feeding ...	22·7
Hand-fed ...	3·4
2. Those who died—

Breast fed ...	60·0
Mixed feeding ...	34·5
Hand-fed ...	5·3
3. Comparison of rates of mortality between infants—

Breast-fed ...	5·4
Mixed feeding ...	9·6
Hand-fed ...	10·1

VITAL STATISTICS, 1920.

Remaining under supervision end of first year ...	4,207
Found ...	114
Given up ...	14
Removed and not traced ...	193
Died ...	205
Remaining under supervision end of second year ...	3,909
Mortality per 1,000 visited second year ...	49·8
	(23·7)

VITAL STATISTICS, 1919.

Remaining under supervision end of second year	3,089
Found	95
Given up	5
Removed and not traced	100
Died	92
Remaining under supervision end of third year ...	2,987
Mortality per 1,000 visited, third year	29·8
	(12·7)

VITAL STATISTICS, 1918.

Remaining under supervision end of third year ...	2,170
Found	55
Given up	9
Removed and not traced	71
Died	33
Remaining under supervision end of fourth year ...	2,112
Mortality per 1,000 visited, fourth year	15·3
	(9·4)

VITAL STATISTICS, 1917.

Remaining under supervision end of fourth year...	2,099
Found	31
Given up	3
Removed and not traced	52
Died	15
Remaining under supervision end of fifth year ...	2,060
Mortality per 1,000 visited, fifth year	7·2
	(8·01)

The figures in brackets are the rates for the previous year.

I remain, Sir,

Your obedient Servant,

ALICE E. HALL.

Annual Report of Clinic Dental Surgeon.

To the Medical Officer of Health.

SIR,

The following is the record for the period May to December inclusive :—

Attendances	..	..	..	..	158
Sessions ..	..	..	..	..	41
New patients	..	..	..	..	58
Extractions	..	..	..	..	326
Fillings ..	..	..	..	..	66

Yours faithfully,

C. HAMMOND WILLIAMS,

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

Two dental sessions are held each week on Wednesdays.

Mornings—Maternity.

Afternoons—Tuberculosis

The latter commenced in October, 1922.

INDEX.



	PAGE.
Age Mortality	10
Analysis of Samples	81
Anthrax	58
Antitoxin, quantity issued	64
Bacteriological Examinations	16, 62, 64
Bakehouses	78
Births	2
Canal Boats	71
Cerebro-spinal Meningitis	67
Cleansing of Verminous Persons, etc.	56, 57
Continued and Typhus Fevers	61
Dairies, Cowsheds, and Milkshops	79
Death Rate amongst infants visited	8
Deaths and Death Rates	5, 6, 42
Deaths, Classified Causes, Tables	28-40
" Diarrhoea and Enteritis	68
" Infantile, Tables	37-40
" Influenza.. .. .	65
" Respiratory Diseases	7
" Tubercular Diseases	10
" Zymotic Diseases—Rates	7
Dentist's Report	110
Diarrhoea and Enteritis	68
Diphtheria	63
Disinfectant, Electrolytic	51
Disinfecting Department.. .. .	50
Dispensary, Tuberculosis.. .. .	17
Electrolytic Disinfecting Fluid	51
Encephalitis Lethargica	67
Errors in Diagnosis, Diphtheria	64
" Typhoid Fever	62
Erysipelas	60
Food and Drugs Acts, Analyses, etc.	81
Free Milk Scheme	96
Glanders	58
Hairdressers' Premises	79
Health Visitor, Chief, Report of	102
Houses Let in Lodgings	85
Housing Acts	85
Hydrophobia	58
Ice Cream	80
Infantile Mortality	8, 37
Infectious Diseases, Tables of Notifications	44
Influenza Deaths	65
Inquests and Deaths from Violence	70
Legal Proceedings	82, 93
Marriages	5
Measles, Deaths	66
Milkshops, etc.	79
Mortuary	71

	PAGE.
Nomenclature of Diseases, Notes on	26
Notification of Births Act	9
Notifications of Infectious Diseases, Tables	44
Ophthalmia Neonatorum	9
Overcrowding	95
Phthisis	11
Plague	58
Poliomyelitis, etc... .. .	67
Population	1
Preservatives in Butter and Margarine	84
Puerperal Fever	59
Rag Flock Act	89
Rats and Mice Destruction Act	89
Reports:—	
Chief Health Visitor	102
Clinic Dental Surgeon	110
Tuberculosis Officer	97
Respiratory Diseases, Deaths	7
Sanitary Inspectors' Work, Summary.. .. .	89-92
Scarlet Fever	60
Schools, Inspection of	89
" Use of Electrolytic Fluid in	56
Small-pox	59
Smoke Nuisances	80
"Spotted Fever"	67
Staff	v
Swimming Baths, Use of Electrolytic Fluid in	56
Tables A to F (Workshops, etc.)	72-78
Tables of Deaths	18-21, 28-40
" Infectious Diseases	44-47
Tubercular Diseases, Deaths	10
Tuberculosis Dispensary	17
Tuberculosis Officer's Report	97
Tuberculosis Regulations, Notifications, etc.	12-17
Typhoid Fever	61
Vaccination	59
Vermineous Children and Persons	56
Vermineous Rooms	88, 89
Vital Statistics, Summary	vii
" " Tables.. .. .	22-25, 41, 42, 43
Water Certificates	88
Whooping Cough, Deaths	64
Workshops, Workplaces, etc. (Tables A to F)	72-78
Zymotic Diseases, Deaths	7
" " Notifications, etc.	44-50